



```

*****
*
*          JOB: BUE26E7
*    PROBLEM: 7250
*  PROGRAMMER: EYLES, D
*        ROOM: IL7 -238C    MS# 64
*  EXTENSION: 1441
*   HOME PHONE: 527-4878
*
*****

```

```

//      EXEC MACSIM, TIME=300
XXR EXEC PGM=MACF_TCH, REGION=392K, TIME=121, PARM=MACSUPER
XXMACPAC DD DSN=SYS1.MACPAC, DISP=SHR
XX      DD DSN=SYS1.MACEXT, DISP=SHR
XXSYSPRINT DD SYSOUT=A
XXSYSABEND DD SYSCUT=A, SPACE=(TRK,(1,5)), PLSE)
XXSYSPLNCH DD DUMMY
XXADF CC DSN=SYS1.SIMACF, DISP=SHR
XXADF1 CC DSN=SYS1.SIMACF1, DISP=SHR
.XXPBF DD UNIT=2301, SPACE=(CYL,(2,2))
XXEXTLIB DD DSN=SYS1.MACEXT, DISP=SHR
XXMAC01A DD VOLUME=SER=MCP011, UNIT=2314, DISP=OLD
XXMAC01B DD VOLUME=SER=MCP012, UNIT=2314, DISP=OLD
XXMAC01C CC VOLUME=SER=MCP013, UNIT=2314, DISP=OLD
XXMAC03C DD VOLUME=SER=MCP016, UNIT=2314, DISP=CLC
XXSYSPLOT DD VOL=SER=SYSI07, UNIT=2314, DISP=(CLD,DELETE)
XXCATLG DD DSN=SYSPLGT.CATLG, DISP=SHR
XXDISKSymb DD UNIT=2301, SPACE=(CYL,(1,1))
XXSIMBINXX DD UNIT=2301, SPACE=(CYL,(1,1))
XXSIMDISKP DD VOLUME=SER=AGCP01, UNIT=2314, DISP=SHR
XXROLLBACK DD UNIT=2301, SPACE=(CYL,(2,1,4))
XXMACSLIBC DD UNIT=SYSDA, SPACE=(CYL,(2,1,4))
XXTAPDIR1 DD DSN=AGCSIM.TAPDIR1, DISP=SHR
XXTAPDIR2 DD DSN=AGCSIM.TAPDIR2, DISP=SHR
XXMARS01 DD UNIT=(TAPE9, DEFER), LABEL=(,SI), DISP=(NEW,KEEP)
XXSIMDAT DD DSN=AGCSIM.RDATA, VOLUME=SER=STCR11, UNIT=2314, DISP=SHR
XXRADEFFCS DD DSN=RADEFF, VOL=SER=STDR11, UNIT=2314, DISP=SHR
//SYSIN DD *

```

```

0010000
00120000
00030000
00040000
00050000
00060000
00070000
00080000
00090000
00100000
00110000
00120000
00130000
00140000
00150000
00160000
00170000
00180000
00190000
00200000
00210000
00220000
00230000
00240000
00250000
00260000

```

```

BEGIN STEP 1: REGION=392K MAXTIME= 30,400 PGM=MACFETCH PARM=MACSUPER
IEF236I ALLOC. FOR B 83687 F
IEF237I MACPAC   ON 236
IEF237I         ON 236
IEF237I SYSPRINT ON 235
IEF237I SYSABEND ON 234
IEF237I ACF      ON 237
IEF237I ADF1     ON 236
IEF237I PBF      ON 100
IEF237I EXTLIB   ON 236
IEF237I MAC01A   ON 361
IEF237I MAC01B   ON 362
IEF237I MAC01D   ON 362
IEF237I MAC03C   ON 366

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IEF237I SYSPLCT UN 234  
IEF237I CATLG ON 234  
IEF237I DISKSYMB CN 100  
IEF237I SIMBINXX ON 100  
IEF237I SIMDISKF CN 367  
IEF237I RCLLBACK ON 100  
IEF237I MACSLIRO ON 237  
IEF237I TAPEDIR1 CN 232  
IEF237I TAPEDIR2 ON 236  
IEF237I MARS01 CN 002  
IEF237I SIMCAT ON 232  
IEF237I RADEFFDS CN 232  
IEF237I SYSIN ON 233

\*

SNAPSHOT

\* CCLLECT LRRADAR2,ENVNTRL  
\* FCR LVCBLK2 USE NOPROG  
\* FCR CSMBLK2 USE NOPROG  
\* FCR SATLRN USE NOPROG  
\* FCR ATTITUDE USE NOPROG  
\* FCR DISCCNT USE NOPROG  
\* FCR LMF1 USE NOPROG  
\* FCR OPTICS2 USE NOPROG  
\* FCR ASTRNAUT USE CAST  
\* FCR UNIVERSE USE LGRAV,UNIVERSE  
\* FCR RADAR USE FRIDAY13,TRADAR  
\* LOAD FILE JPLUNIV,EPHM697L  
\* LOAD FILE LEM5,NOMINAL  
\* MAXLINES 25000  
\* SIMULATE AGC

## MAC COLLECT TIME LOADING MAP

COLLECTING FOR SUBPROGRAM MACPROG, LRRADAR2, ENVCNTPL

## MAC PROGRAM ALIASES IN EFFECT:

FOR	USED
CCMMCN, LVCBLK2	CCMMCN, NOPROG
CCMMCN, CSMBLK2	CCMMCN, NOPROG
CCMMCN, SATURN	CCMMCN, ACPRCG
CCMMCN, ATTITUDE	CCMMCN, NOPROG
CCMMCN, DISCNT	CCMMCN, ACPRCG
CCMMCN, LMP1	CCMMCN, NOPROG
CCMMCN, OPTICS P2	CCMMCN, NOPROG
CCMMCN, ASTRNAUT	CCMMCN, CAST
CCMMCN, UNIVERSE	LGRAV, UNIVERSE
CCMMCN, RADAR	FRIDAY13, TRADAR

## MAC SUBPROGRAMS COLLECTED:

#	NAME	ENTRIES	LVA ORIGIN	DATE	TIME	VOLUME
1	LRRADAR2, ENVCNTPL	ENTER MACEXIT MACABORT	09A738+AF	05/30/69	16:14	MCP 12
2	CCMMCN, ACPRCG		**UNRESOLVED**			
3	CCMMCN, CAST	ASTSTART	09RD78+F8E	07/14/69	16:14	MCP 11
4	CCMMCN, PRELLACH	PLSTART	09DF88+290	04/30/69	15:11	MCP 13
5	CCMMCN, LEM	V1	09ECB8+94E	07/13/69	11:11	MCP 11
6	LGRAV, UNIVERSE	MP1	0A2E88+426	07/17/69	16:30	MCP 11
7	FRIDAY13, TRADAR	REGIN	0A4588+658	06/17/69	17:12	MCP 11
8	CCMMCN, EDIT1		**UNRESOLVED**			
9	CCMMCN, EDIT2		**UNRESOLVED**			
10	CCMMCN, EDIT3		**UNRESOLVED**			
11	CCMMCN, EDIT4		**UNRESOLVED**			
12	CCMMCN, EDIT5		**UNRESOLVED**			
13	CCMMCN, TARGET	TREGIN	0A5B98+1C8	03/14/69	18:50	MCP 13

14 COMMON.INPUTPRG INPSTART 0A61B8+2+0 3/11/69 18:20 MCP011  
 15 COMMON.IMCBLK2 ISTART 0A65E8+52+1 07/07/69 14:23 MCP011  
 ROLLINIT  
 16 PAPER.MUCN \*\*UNRESOLVED\*\*

## NONMAC PROGRAMS COLLECTED:

#	NAME	SIZE	
1	CCMMXXX	121848	RESIDENT
2	LEAVEMSG	396	
3	EDITIC	1544	
4	RADEFFCY	1344	
5	CDUBLK2	336	RESIDENT

## COMMON AREA ALLOCATION:

#	NAME	PAGE ADDR
1	COMMBLK	0A7670
2	#TEMPAC	0A7E68
3	CALLFILE	0A8E68
4	MSGECIT	0A9638
5	CRIFILE	0A9E10
6	SWITCHES	0A9E58
7	LEMPREL	0A9E70
8	CDU	0AA168

TOTAL NUMBER OF PRLKS COLLECTED: 212

DATA FILE ACTIVATED, SIZE IS LARGE

## DATA FILE COLLECTION LOG

MACDATA.JPLUNIV.EPH+6570 02/24/69 17:25  
 RETRIEVED DATA FILE BLOCK 1175 STORED AS ACTIVE FILE BLOCK 1175  
 1176 1176  
 1177 1177  
 1178 1178  
 1179 1179  
 1180 1180  
 1181 1181  
 1182 1182  
 1183 1183  
 1184 1184



1185	1185
1186	1186
1187	1187
1188	1188
1189	1189
1190	1190
1191	1191
1192	1192
1193	1193
1194	1194
1195	1195
1196	1196
1197	1197

MACDATA,LEM5,NOMINAL 7/15/69 11:35  
 RETRIEVED DATA FILE BLOCK 1154 STOPED AS ACTIVE FILE BLOCK 1156  
 1157 1157  
 1158 1158  
 1159 1159  
 1160 1160

33 MAC PROGRAM BLOCKS WERE LOADED.

SPACE WAS ALLOCATED FOR 3 DATA BLOCKS.

TOTAL SPACE RELEASED FOR NONMAC PROGRAMS: 134944 (DECIMAL)

TIME ALLOWED FOR THIS RUN STEP IS 17982.64 SECCNDS

ENVIRONMENT BEGAN INITIALIZATION AT 53126.1584 SEC. REAL TIME

4112C  
Hemphire  
Hemphire  
INCORPORATED  
FOCUS  
3"  
2"  
1"

7547130  
1  
2  
3

A G C SIMULATION  
 COMMUNICATOR AR9  
 SIMULATOR ARC

COMPUTER: AGC

PROGRAM TITLE: LMY99

REVISN 01

AUTHOR: NASA 2021112-761

MARSROT # 20414415

SPECIAL REQUESTS

CARD	LOCATION	OP	ADDRESS 1	ADDRESS 2	ID	REQ CLAS
R	SLAP1	START	+36770000		22447	
R		INSERT	LNCSF1			
R	*****					
R	CREATED ON 02/17/69 AT 1941025					
	NEWDELHI	ENVSUM	2	CONDITIONAL	655 3	025-
		EVERY	2			
	PREREAD	ENVSUM	2		107416	257
	READACCS	ENVSUM	2		107441	258
	VFAIL	CLOCK			077575	259
	HFAIL	CLOCK			077560	260
	HIGATASK	CLOCK			076447	261
	LASTLRDT	CLOCK			063535	262
	LASTLRCT +2	CLOCK			063537	263
	LRPOSCAN	CLOCK			063543	264
	LRPCSNXT +3	CLOCK			063515	265
	RADAREAD	CLOCK			063150	266
	LRVEL	CLOCK			063107	267
	RDGIMS	CLOCK			101757	268
	LRALT	CLOCK			063072	269
	MLNGRAV	CLOCK			077130	270
	ALARM	CLOCK			05567	271
	ENGINOF3	CLOCK			105564	272
	ENDMANUV	CLOCK			064174	273
	CLOCK TASK	CLOCK			104717	274
	PREREAD	CLOCK			107416	275
	READACCS	CLOCK			107441	276
	SERVICER	CLOCK			076206	277
	AVGEND	CLOCK			055661	278
	SERVEXIT	CLOCK			075771	279
	LEMPREC	CLOCK			037057	280
	TIG-30	CLOCK			104276	281
	TIG-5	CLOCK			104352	282
	TIG-0	CLOCK			104403	283
	IGNITION	CLOCK			104426	284
	FLATOUT	CLOCK			072370	285
	ASTNCLOCK	CLOCK			075204	286

IGNITE	CLOCK	1051.2	287	3
INTEGRVS	CLOCK	0371.77	288	3
GUIDSUB	CLOCK	1724.60	289	3
DDUMCALC	CLOCK	0751.42	290	3
DDUMGOOD	CLOCK	751.63	291	3
EXOVFLOW	CLOCK	0734.41	292	3
EXGSUB	CLOCK	0733.31	293	3
ULLGTASK	CLOCK	1043.46	294	3
RURNBABY	CLOCK	1041.26	295	3
RECLEM	CLOCK	0641.23	296	3
DISPCFNG	CLOCK	1043.76	297	3
WAITABIT	CLOCK	1045.63	298	3
SETPOS1	CLOCK	777.21	299	3
P63LM	CLOCK	0747.76	300	3
IGNALG	CLOCK	0750.31	301	3
IGNALGRT	CLOCK	0752.12	302	3
P63SPOT2	CLOCK	0752.15	303	3
P63SPOT3	CLOCK	0752.35	304	3
P63SPOT4	CLOCK	0752.47	305	3
THROTTLE	CLOCK	0722.16	306	3
ZCCM	CLOCK	0461.22	307	3
P63DISP5	CLOCK	0734.73	308	3
FINDCDDW	CLOCK	0711.13	309	3
P64DISP5	CLOCK	0734.77	310	3
QUADGUID	CLOCK	0731.21	311	3
VERTGUID	CLOCK	0735.31	312	3
ENDLLJCB	CLOCK	0734.76	313	3
STARTP66	CLOCK	0724.77	314	3
STARTP67	CLOCK	0725.51	315	3
LANDJUNK	CLOCK	0721.44	316	3

R END LNDSRT  
 R \*\*\*\*\*  
 R TECIT BANCIT  
 R \*\*\*\*\*  
 R CREATED ON 16/27/69 AT 11'13'12

-AZ	CLOCK	0323.51	317	3			
+AZ	CLOCK	0323.56	318	3			
-EL	CLOCK	0323.63	319	3			
+EL	CLOCK	0323.70	320	3			
PREREAD	CFDUMP	2.01	1741.1	321	3		
READACCS	CFDUMP	2.01	1744.1	322	3		
SERVOUT	DUMP	A	0764.01	3777	323	3	
IGNITION	CFDUMP	2.03	1744.26	324	3		
IGNITION +1	DUMP	REFSMAT	0744.27	0773	1754	325	3
EXGSUB	DUMP	A	0733.31	0777	3777	326	3
GDUMPI	DUMP	A	0734.53	0777	3777	327	3
WHATEXIT -1	DUMP	MODREG	0724.43	0711	328	328	3
WHATEXIT	DUMP	MODREG	0724.41	0711	329	329	3
WHATEXIT +1	DUMP	MODREG	0724.42	0711	330	330	3
AFTRGUID +2	DUMP	MODREG	0724.37	0711	331	331	3
ENDLLJCB	DUMP	A	0734.76	0777	3777	332	3
TFDUMP	DUMP	A	0723.67	0777	3777	333	3
AFDUMP	DUMP	A	0722.23	L	334	334	3
+AZ	DUMP		0323.56	*DUMPS NOTHING*	325	325	3
-AZ	DUMP		0323.51	*DUMPS NOTHING*	326	326	3
-EL	DUMP		0323.63	*DUMPS NOTHING*	327	327	3
+EL	DUMP		0323.7	*DUMPS NOTHING*	328	328	3

READACCS	CFDUMP		0.1	17441	334	3
READACCS +1	DUMR	E6,1420	E6,1777	17442	3377	34
PIPASP	DUMP		1.01	17541	*DUMPS NOTHING	341
WARNING4J00	DUMP		1.02	17541	*DUMPS NOTHING	342
	END	BANDIT				3

R \*\*\*\*\*  
 R INSERT REALAN  
 R \*\*\*\*\*

R CREATED ON 07/22/69 AT 15:46:32  
 R \*\*\*\*\*

R THE DATA SET TRIES TO MATCH THE LCAD USED IN SPACE  
 R \*\*\*\*\*

R SCME APPROPRIATE ENVIRONMENT CARDS ARE REPRODUCED BELCW  
 R \*\*\*\*\*

R 2, 1, 504, -2 29, 0.778, 23.712  
 R UNI1 11, 15.56434836, 2, -1276990, +1148608, +497555.5

R UNI2 11, 368438.0, 0, 1191, 1062, 456  
 R UNI3 11, 0, 1, 0, 0

R IMU3 270, -17.2965784754, +35.1672175355, +118.804440134, 0, 999999999

R IMU4 270, -1.6, +3.8, +4.4, +1.63, +3.7  
 R IMU5 270, -3.0, +5.7, -5.1, -5.0, +6.6

R IMU6 270, +0.1, +1.2, -2.67, -1.149, -6.20  
 R \*\*\*\*\*

R SNAP 50  
 R TLOSS 01  
 R ACTUAL TLOSS IS THOUGHT TO HAVE BEEN NEAR 15 PERCENT THANKS TO THE RP

R RESUMENA  
 R TELEM 2  
 R RPTLOCK 17  
 R ONPRINT CLCK

R ADVAN ADVAN CONDITIONAL 013214 341 3

R NEWJOB EQ 77777

R CCUZ OCT 0 00034 0000 344 2  
 R DSPTAB +11D OCT 0 00136 0000 345 2

R 10000/ENTR/ENTR/\* 10000 CCT DUMRCNT  
 R 333 OCT 10000 333 10000 346 2

R 12160/ENTR/ENTR/\* 92.14750475 M/C S E+15 B-58 E3J22R2M  
 R 1352 OCT 12160 1352 12160 347 2

R 03363/ENTR/ENTR/\* 13.12892560 M/C S E+22 B-80 E3C33RM  
 R 1353 OCT 3363 1353 03363 348 2

R 00000/ENTR/ENTR/\* 0.0 B-21 RADSKAL  
 R 1354 OCT 0 001354 00000 349 2

R 00000/ENTR/ENTR/\* 0.0 RADSKAL+1  
 R 1355 OCT 0 001355 00000 35 2

R 00000/ENTR/ENTR/\* 0.0 B+1 SKALSKAL  
 R 1356 OCT 0 001356 00000 351 2

R 00000/ENTR/ENTR/\* 00000 CCT GCOMPSW  
 R 1477 OCT 0 001477 00000 352 2

R GCCMP 2DEC 0 01471 00000 00000 353 2  
 R CCCMP +2 2DEC 0 001473 00000 00000 354 2

R GCCMP +4 2DEC 0 001475 00000 00000 355 2

R 00000/ENTR/ENTR/\* 0.0 RAL X789  
 R 1700 OCT 0 001700 00000 00000 356 2

R 00000/ENTR/ENTR/\* 0.0 RAL X789+1  
 R 1701 OCT 0 001701 00000 00000 357 2

R 00000/ENTR/ENTR/\* 0.0 RAL X789+2

LMY99	AGC	001	NASA 2021112-061 NEW SIMULATION	MARSKOT 20414415 /EYLF5	LRPADAR%EMVCNTEL 07/23/00 14:43	PAGE 10	DUPLICATE LAST SNAP NONE	
R	1702	OCT	0		001702	00000	0358	2
	00000/ENTR/ENTR/*			X789+3				
R	1703	OCT	0		001703	00000	0359	2
	00000/ENTR/ENTR/*		0.0 RAC	X789+4				
R	1704	OCT	0		001704	00000	0360	2
	00000/ENTR/ENTR/*			X789+5				
R	1705	OCT	0		001705	00000	0361	2
	01351/ENTP/ENTR/*		0111111111111	F-4 B+12	RANGEVAR			
R	1770	OCT	1351		001770	01351	0362	2
	24734/ENTR/ENTR/*				RANGEVAR+1			
R	1771	OCT	24734		001771	24734	0363	2
	02354/ENTR/ENTR/*		1.877777	E-5 B+12	RATEVAR			
R	1772	OCT	2354		001772	02354	0364	2
	04750/ENTR/ENTR/*				RATEVAR+1			
R	1773	OCT	4750		001773	04750	0365	2
	00410/ENTR/ENTR/*		66 M	B-12	RVARMIN			
R	1774	OCT	410		001774	00410	0366	2
	01165/ENTR/ENTR/*		017445 M /CS	E-5 B+12	VVARMIN			
R	1775	OCT	165		001775	01165	0367	2
	05750/ENTR/ENTR/*		3148 M	B-14	WRENDPOS			
R	2000	OCT	5750		002000	05750	0368	2
	00763/ENTR/ENTR/*		0.3048 M/CS	B+0	WRENDVEL			
R	2001	OCT	763		002001	00763	0369	2
	17270/ENTR/ENTR/*		0.015 RAC	B+5	WSHAFT			
R	2002	OCT	17270		002002	17270	0370	2
	17270/ENTR/ENTR/*		0.015 RAC	B+5	WTRUN			
R	2003	OCT	1727		002003	17270	0371	2
	00023/ENTP/ENTR/*		60.06 M	B-19	RMAX			
R	2004	OCT	23		002004	0023	0372	2
	00001/ENTR/ENTR/*		0.0696 M/CS	B-7	VMAX			
R	2005	OCT	1		002005	00001	0373	2
	02764/ENTR/ENTR/*		1524 M	B-14	WSURFPOS			
R	2006	OCT	2764		002006	02754	0374	2
	00372/ENTR/ENTR/*		0.1524 M/CS	B+00	WSURFVEL			
R	2007	OCT	372		002007	00372	0375	2
	00103/ENTR/ENTR/*		1.0 RAC	E-6 B+12	SHAFTVAP			
R	2010	OCT	103		002010	0103	0376	2
	00103/ENTR/ENTR/*		1.0 RAC	F-6 B+12	TRUNVAR			
R	2011	OCT	103		002011	00103	0377	2
	03671/ENTR/ENTR/*		3240 M/CS	B-28	AGSK			
R	2020	OCT	3671		002020	03671	0378	2
	21200/ENTR/ENTR/*				AGSK+1			
R	2021	OCT	21200		002021	21200	0379	2
	00000/ENTR/ENTR/*		52.37530800 M	B-24	RBRFG			
R	2402	OCT	0		002402	00000	0380	2
	01506/ENTR/ENTR/*				RBRFG+1			
R	2403	OCT	1506		002403	01506	0381	2
	00000/ENTR/ENTR/*		1.0 M	B-24	RBRFG+2			
R	2404	OCT	0		002404	00000	0382	2
	00000/ENTR/ENTR/*				RBRFG+3			
R	2405	OCT	0		002405	00000	0383	2
	77774/ENTR/ENTR/*		-3254.826061 M	B-24	RBRFG+4			
R	2406	OCT	77774		002406	77774	0384	2
	72222/ENTR/ENTR/*				RBRFG+5			
R	2407	OCT	72222		002407	72222	0385	2
	77772/ENTR/ENTR/*		-1.32271048 M/CS	B-1	VBRFG			
R	2410	OCT	77772		002410	77772	0386	2

754713A



LMY99 AGC 001 NASA 2021112-061 NEW SIMULATION MARSROT 20414415 /EYLES

R	2445	OCT	70152			002445	7 152	415	2
	00000/ENTR/ENTR/*		0.0 M/C/S	B-13	VAPFG+2				
R	2446	OCT				002446	00000	416	2
	00000/ENTR/ENTR/*				VAPFG+3				
R	2447	OCT				002447	00000	417	2
	00000/ENTR/ENTR/*		0.077559 48 M/C/S	B-10	VAPFG+4				
R	2450	OCT				002450	00000	418	2
	00306/ENTR/ENTR/*				VAPFG+5				
R	2451	OCT	306			002451	00306	419	2
	77775/ENTR/ENTR/*		-0.07897952 M/C/S	E-4 B+4	AAPFG				
R	2452	OCT	77775			002452	77775	420	2
	74720/ENTR/ENTR/*				AAPFG+1				
R	2453	OCT	74720			002453	74720	421	2
	00000/ENTR/ENTR/*		0.0 M/C/S	9+4	AAPFG+2				
R	2454	OCT				002454	00000	422	2
	00000/ENTR/ENTR/*				AAPFG+3				
R	2455	OCT	0			002455	00000	423	2
	77773/ENTR/ENTR/*		-0.1560576 M/C/S	E-4 B+4	AAPFG+4				
R	2456	OCT	77773			002456	77773	424	2
	75055/ENTR/ENTR/*				AAPFG+5				
R	2457	OCT	75055			002457	75055	425	2
	00000/ENTR/ENTR/*		0.013606272 M/C/S	B-13	VAPFG*				
R	2460	OCT	0			002460	00000	426	2
	00676/ENTR/ENTR/*				VAPFG**+1				
R	2461	OCT	676			002461	00676	427	2
	77747/ENTR/ENTR/*		-0.9383456 M/C/S	E-4 B+4	AAPFG*				
R	2462	OCT	77747			002462	77747	428	2
	56422/ENTR/ENTR/*				AAPFG**+1				
R	2463	OCT	56422			002463	56422	429	2
	00022/ENTR/ENTR/*		0.550953 560 M/C/S	E-9 B+21	JAPFG*				
R	2464	OCT	22			002464	00022	430	2
	35646/ENTR/ENTR/*				JAPFG**+1				
R	2465	OCT	35646			002465	35646	431	2
	37777/ENTR/ENTR/*		1.0	B+10	GAINAPPR				
R	2466	OCT	37777			002466	37777	432	2
	37777/ENTR/ENTR/*				GAINAPPR+1				
R	2467	OCT	37777			002467	37777	433	2
	00567/ENTR/ENTR/*		3 M/C/S	B-17	TCGFAPPR				
R	2470	OCT	567			002470	00567	434	2
	04704/ENTR/ENTR/*		20000 CS	B-17	TCGIAPPR				
R	2471	OCT	4704			002471	04704	435	2
	00416/ENTR/ENTR/*		16.9025620E M/C/S	B-10	VIGN				
R	2472	OCT	416			002472	00416	436	2
	16071/ENTR/ENTR/*				VIGN+1				
R	2473	OCT	16071			002473	16071	437	2
	77731/ENTR/ENTR/*		-39782.453328 M	B-24	RIGNX				
R	2474	OCT	77731			002474	77731	438	2
	44630/ENTR/ENTR/*				RIGNX+1				
R	2475	OCT	44630			002475	44630	439	2
	77125/ENTR/ENTR/*		-436655.657 M	B-24	RIGNZ				
R	2476	OCT	77125			002476	77125	440	2
	62404/ENTR/ENTR/*				RIGNZ+1				
R	2477	OCT	62404			002477	62404	441	2
	76607/ENTR/ENTR/*		-0.617631	B-4	RIGNX/B4				
R	2500	OCT	76607			002500	76607	442	2
	61356/ENTR/ENTR/*				RIGNX/B4+1				
R	2501	OCT	61356			002501	61356	443	2

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LMY99	AGC	001	NASA 2021112-01	NEW SIMULATION	MARSROT 20414415 /EYLES	LEADAR2.FNVUNTF1 777 /	14:49	PAGE	13	
						/DUPLICATE	LANDING	LIST	SNAP	NAME
R	72634/ENTR/ENTR/*	-20.477	34127 M	E-6	B+16	KIGAY/B8				
	2502 OCT		72634				002502	72634	1444	2
R	51602/ENTR/ENTR/*					KIGNV/B8+1				
	2503 OCT		51602				002503	51602	1445	2
R	72775/ENTR/ENTR/*	-41	M/CS		B-18	KIGNV/B4				
	2504 OCT		72775				002504	72775	1446	2
R	57777/ENTR/ENTR/*					KIGNV/B4+1				
	2505 OCT		57777				002505	57777	1447	2
R	04114/ENTR/ENTR/*	2124.0	PULSES		B-14	LOWCRIT				
	2506 OCT		4114				002506	04114	1448	2
R	04454/ENTR/ENTR/*	2348.0	PULSES		B-14	HIGHCRIT				
	2507 OCT		4454				002507	04454	1449	2
R	77777/ENTR/ENTR/*	-1.0	9144 M/CS		B-10	V2FG				
	2510 OCT		77777				002510	77777	1450	2
R	73242/ENTR/ENTR/*					V2FG+1				
	2511 OCT		73242				002511	73242	1451	2
R	00000/ENTR/ENTR/*	0.0	M/CS		B-10	V2FG+2				
	2512 OCT		0				002512	00000	1452	2
R	00000/ENTR/ENTR/*					V2FG+3				
	2513 OCT		0				002513	00000	1453	2
R	00000/ENTR/ENTR/*	0.0	M/CS		B-10	V2FG+4				
	2514 OCT		0				002514	00000	1454	2
R	00000/ENTR/ENTR/*					V2FG+5				
	2515 OCT		0				002515	00000	1455	2
R	01750/ENTR/ENTR/*	1.0	M/CS		B-14	TAUVERT				
	2516 OCT		1750				002516	01750	1456	2
R	00000/ENTR/ENTR/*					TAUVERT+1				
	2517 OCT		0				002517	00000	1457	2
R	00000/ENTR/ENTR/*	60.96	M		B-24	DELOFIX				
	2520 OCT		0				002520	00000	1458	2
R	01717/ENTR/ENTR/*					DELOFIX+1				
	2521 OCT		1717				002521	01717	1459	2
R	01027/ENTR/ENTR/*	0.16337	1759 REV		B+1	LRALPHA				
	2522 OCT		1027				002522	01027	1460	2
R	04204/ENTR/ENTR/*	0.0665287	037 REV		B+1	LRBETA1				
	2523 OCT		4204				002523	04204	1461	2
R	01022/ENTR/ENTR/*	0.016168	555 REV		B+1	LRALPHA2				
	2524 OCT		1022				002524	01022	1462	2
R	00004/ENTR/ENTR/*	0.0000	1361111 REV		B+1	LRBETA2				
	2525 OCT		4				002525	00004	1463	2
R	01414/ENTR/ENTR/*	60.196	M/CS		B-07	LRVMAX				
	2526 OCT		1414				002526	01414	1464	2
R	00116/ENTR/ENTR/*	0.01896	M/CS		B-07	LRVF				
	2527 OCT		116				002527	00116	1465	2
R	11463/ENTR/ENTR/*	0.3			B+00	LRWVZ				
	2530 OCT		11463				002530	11463	1466	2
R	11463/ENTR/ENTR/*	0.3			B+00	LRWVY				
	2531 OCT		11463				002531	11463	1467	2
R	11463/ENTR/ENTR/*	0.3			B+00	LRWVX				
	2532 OCT		11463				002532	11463	1468	2
R	06315/ENTR/ENTR/*	0.2			B+00	LRWVFZ				
	2533 OCT		6315				002533	06315	1469	2
R	06315/ENTR/ENTR/*	0.2			B+00	LRWVFY				
	2534 OCT		6315				002534	06315	1470	2
R	06315/ENTR/ENTR/*	0.2			B+00	LRWVFX				
	2535 OCT		6315				002535	06315	1471	2
R	03146/ENTR/ENTR/*	0.1			B+00	LRWVFF				

LMY99 AGC 001 NASA 2021112-61 NEW SIMULATION

MARSPT 20414415 /EYLES

LINE	TYPE	TIME	COORDS	VELOCITY	MODE	SNAP	TIME	COORDS	VELOCITY	MODE	SNAP
R	2536	OCT	3146				002536	3146			472
	1437	/ENTR/ENTR/*	0.003048 M/CS	B+17	RODSCALF						2
	2537	OCT	1437				002537	1437			473
R	11300	/ENTR/ENTR/*	150 CS	B-19	TAUROD						2
	2540	OCT	11300				002540	11300			474
R	00000	/ENTR/ENTR/*			TAUROD+1						2
	2541	OCT					002541				475
R	15164	/ENTR/ENTR/*	0.413333	B+1	LAG/TAU						2
	2542	OCT	15164				002542	15164			476
R	01420	/ENTR/ENTR/*			LAG/TAU+1						2
	2543	OCT	142				002543	0142			477
R	00001	/ENTR/ENTR/*	0.4355257183 KGM/CS	B-12	MINFCRCF						2
	2544	OCT	1				002544	00001			478
R	27631	/ENTR/ENTR/*			MINFOPCE+1						2
	2545	OCT	27631				002545	27631			479
R	00013	/ENTR/ENTR/*	2.802379618 KGM/CS	B-12	MAXECRCF						2
	2546	OCT	13				002546	00013			480
R	06551	/ENTR/ENTR/*			MAXFORCE+1						2
	2547	OCT	6551				002547	06551			481
R	00141	/ENTR/ENTR/*	+0.337969219 M/CS F-15	B+44	ABCTCF						2
	2550	OCT	141				002550	00141			482
R	15156	/ENTR/ENTR/*			ABTCOF+1						2
	2551	OCT	15156				002551	15156			483
R	77166	/ENTR/ENTR/*	-0.1754966485 M/CS E-9	B+27	ABCTCF+2						2
	2552	OCT	77166				002552	77166			484
R	50400	/ENTR/ENTR/*			ABTCOF+3						2
	2553	OCT	50400				002553	50400			485
R	00027	/ENTR/ENTR/*	+0.21398547692M/CS E-04	B+10	ABCTCF+4						2
	2554	OCT	27				002554	00027			486
R	17034	/ENTR/ENTR/*			ABTCOF+5						2
	2555	OCT	17034				002555	17034			487
R	04234	/ENTR/ENTR/*	+17.22417332 M/CS	B-17	ABCTCF+6						2
	2556	OCT	4234				002556	04234			488
R	26156	/ENTR/ENTR/*			ABTCOF+7						2
	2557	OCT	26156				002557	26156			489
R	01002	/ENTR/ENTR/*	+1.785429517 M/CS E-15	B+44	ABCTCF+8						2
	2560	OCT	1002				002560	01002			490
R	23614	/ENTR/ENTR/*			ABTCOF+9						2
	2561	OCT	23614				002561	23614			491
R	76641	/ENTR/ENTR/*	-0.275805713 M/CS E-09	B+27	ABCTCF+10						2
	2562	OCT	76641				002562	76641			492
R	57473	/ENTR/ENTR/*			ABTCOF+11						2
	2563	OCT	57473				002563	57473			493
R	00057	/ENTR/ENTR/*	+0.284041266FM/CS E-04	B+10	ABTCOF+12						2
	2564	OCT	57				002564	00057			494
R	24737	/ENTR/ENTR/*			ABTCOF+13						2
	2565	OCT	24737				002565	24737			495
R	04233	/ENTR/ENTR/*	+17.21785025 M/CS	B-17	ABTCOF+14						2
	2566	OCT	4233				002566	04233			496
R	34241	/ENTR/ENTR/*			ABTCOF+15						2
	2567	OCT	34241				002567	34241			497
R	04147	/ENTR/ENTR/*	16.80792168 M/CS	B-07	VMIN						2
	2570	OCT	4147				002570	04147			498
R	15177	/ENTR/ENTR/*			VMIN+1						2
	2571	OCT	15177				002571	15177			499
R	00116	/ENTR/ENTR/*	151P6.4 M	B-24	YLIM						2
	2572	OCT	16				002572	00116			500

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LMY99	AGC	001	NASA 2021112-061	NEW SIMULATION	MARSROT 21414415 /EYLES	LPRBAR2.FMVCNTR	17/03/69	14:43	PAGE	15
						/DUPLICATE	LANDING	LAST	SNAP	NONE
R			32446	ENTR/ENTR/*		YLIM+1				
			2573	OCT	32446		002573	32446	501	2
R			00007	ENTR/ENTR/*	10.059436 M/C/S	B-17	ABTRDOT			
			2574	OCT	7		002574	0007	502	2
R			23346	ENTP/ENTP/*		ABTRDOT+1				
			2575	OCT	23346		002575	23346	0503	2
R			00000	ENTP/ENTP/*	0.0	B+08	COSTHET1			
			2576	OCT	0.0		002576	00000	504	2
R			00000	ENTP/ENTP/*		COSTHET1+1				
			2577	OCT			002577	00000	505	2
R			06733	ENTR/ENTR/*	0.8660254 37	B-02	COSTHET2			
			2600	OCT	6733		002600	16733	0506	2
R			07535	ENTR/ENTR/*		COSTHET2+1				
			2601	OCT	7535		002601	17535	0507	2
R			05556	ENTR/ENTR/*	2926 CS	B-14	ROLLTIME			
			3001	OCT	5556		003001	05556	1508	2
R			04431	ENTR/ENTR/*	2329 CS	B-14	PITTIME			
			3002	OCT	4431		003002	04431	510	2
R			77001	ENTR/ENTR/*	-0.0288888888 REV/S	B+3	DKTRAP			
			3003	OCT	77001		003003	77001	0511	2
R			00012	ENTR/ENTR/*	1	B-14	DKMEGAN			
			3004	OCT	12		003004	00012	511	2
R			00074	ENTR/ENTR/*	60	B-14	DKKACSN			
			3005	OCT	74		003005	00074	512	2
R			77001	ENTR/ENTR/*	-0.0388888888 REV/S	B+3	LMTRAP			
			3006	OCT	77001		003006	77001	513	2
R			00000	ENTR/ENTR/*	0	B-14	LMMEGAN			
			3007	OCT	0		003007	00000	514	2
R			00074	ENTR/ENTR/*	60	B-14	LMKACSN			
			3010	OCT	74		003010	00074	0515	2
R			00200	ENTR/ENTR/*	256.000000 REV	B-15	DKDB			
			3011	OCT	200		003011	00200	516	2
R			02162	ENTR/ENTR/*	0.0173611111 REV/S	B+02	IGNACSG			
			3012	OCT	2162		003012	12162	517	2
R			00163	ENTR/ENTR/*	0.0017500000 REV/S	B+02	IGNACSR			
			3013	OCT	163		003013	00163	518	2
R			00000	ENTR/ENTR/*	0 S	B-5	DOWNTORK			
			3113	OCT	0		003113	00000	519	2
R			00000	ENTR/ENTR/*	0 S	B-5	DOWNTORK+1			
			3114	OCT	0		003114	00000	520	2
R			00000	ENTR/ENTR/*	0 S	B-5	DOWNTORK+2			
			3115	OCT	0		003115	00000	521	2
R			00000	ENTR/ENTR/*	0 S	B-5	DOWNTORK+3			
			3116	OCT	0		003116	00000	522	2
R			00000	ENTR/ENTR/*	0 S	B-5	DOWNTORK+4			
			3117	OCT	0		003117	00000	523	2
R			00000	ENTR/ENTR/*	0 S	B-5	DOWNTORK+5			
			3120	OCT	0		003120	00000	524	2
R			00001	ENTR/ENTR/*	1800 CS	B-28	ATIGINC			
			3400	OCT	1		003400	00001	525	2
R			03120	ENTR/ENTR/*		ATIGINC+1				
			3401	OCT	3120		003401	03120	526	2
R			00001	ENTR/ENTR/*	1800 CS	B-28	PTIGINC			
			3402	OCT	1		003402	00001	527	2
R			03120	ENTR/ENTR/*		PTIGINC+1				
			3403	OCT	3120		003403	03120	528	2
R			65244	ENTR/ENTR/*	-0.1668666667 REV	B+01	ADTAZ			





REFSMAT	+16D	2DEC	-03 727 B-1	DOWNLINK 101*20	001753	72552	73116	61	2
TIME2		2DEC	+3677000		001724	04304	10320	602	2
TETLEM		2DEC	+3677000		001642	4304	132	63	2
TETCSM		2DEC	+3677000		001570	06304	1320	614	2
RCVLEM		2DEC	-1276900 B-27	DOWNLINK 102*20	001664	77544	4283	605	2
RCVLEM	+2	2DEC	+11486180 B-27	DOWNLINK 102*20	001662	0214	466	607	2
RCVLEM	+4	2DEC	+4975505 B-27	DOWNLINK 102*20	001664	00174	2747	607	2
RRECTLEM		2DEC	-1276900 B-27	DOWNLINK 102*20	001626	77544	4283	608	2
RRECTLEM	+2	2DEC	+11486180 B-27	DOWNLINK 102*20	001630	00214	4660	608	2
RRECTLEM	+4	2DEC	+4975505 B-27	DOWNLINK 102*20	001632	00174	27447	610	2
VCVLEM		2DEC	+11091 B-5	DOWNLINK 102*20	001666	13721	35341	611	2
VCVLEM	+2	2DEC	+11062 B-5	DOWNLINK 102*20	001670	12475	16051	612	2
VCVLEM	+4	2DEC	+4056 B-5	DOWNLINK 102*20	001672	4436	27024	613	2
VRECTLEM		2DEC	+11091 B-5	DOWNLINK 102*20	001634	13721	35341	614	2
VRECTLEM	+2	2DEC	+11062 B-5	DOWNLINK 102*20	001636	12475	16051	615	2
VRECTLEM	+4	2DEC	+4056 B-5	DOWNLINK 102*20	001640	4436	27024	616	2
DELTA CSM		2DEC			001572	00100	00100	617	2
DELTA CSM	+2	2DEC	0		001574	00100	00100	618	2
DELTA CSM	+4	2DEC	0		001576	00100	00100	619	2
NUVCSM		2DEC	0		001630	00100	00100	620	2
NUVCSM	+2	2DEC	0		001632	00100	00100	621	2
NUVCSM	+4	2DEC	0		001634	00100	00100	622	2
TCCSM		2DEC	0		001622	00100	00100	623	2
XKEPCSM		2DEC	0		001624	00100	00100	624	2
DELTALEM		2DEC	0		001644	00100	00100	625	2
DELTALEM	+2	2DEC	0		001646	00100	00100	626	2
DELTALEM	+4	2DEC	0		001650	00100	00100	627	2
NUVLEM		2DEC	0		001652	00100	00100	628	2
NUVLEM	+2	2DEC	0		001654	00100	00100	629	2
NUVLEM	+4	2DEC	0		001656	00100	00100	630	2
TCLEM		2DEC	0		001674	00100	00100	631	2
XKEPLEM		2DEC	0		001676	00100	00100	632	2

END REALM

\*\*\*\*\*

R  
R  
R

7547142

BACKGROUND = 71225

CARDS READ BY ASTRONAUT INPLT-PRCG 3 :

```

A PRINT OFF
A WAIT 12 V 37 E 1 E
A VERIFY WITHIN 21 MCODE THEN WAIT 2 V 48 E
A IF V 01 N 46 THEN WAIT 1 V 21 E 21112 E WAIT 2 PROCEED
A IF V 06 N 47 THEN WAIT 1 V 21 E +33380 E WAIT 1 PROCEED
A IF V 06 N 48 THEN WAIT 1 V 34 E
A V 37 E 63 E
A DISPLAY INERTIAL DATA CN
A IF V 06 N 61 THEN WAIT 2 PROCEED WAIT 2
A IF V 50 N 25 R1 ON 14 THEN WAIT 2 ENTER WAIT 2
A IF V 50 N 18 THEN GLIDEMODE PRIMARY SCSCODE AUTO WAIT 2 PROCEED
A IF V 50 N 18 THEN WAIT 2 ENTER
A WAIT 20 V 47 E WAIT 2
A IF V 06 N 16 THEN WAIT 2 PROCEED WAIT 2
A IF V 50 N 16 THEN WAIT 2 PROCEED WAIT 2
A IF V 99 N 62 THEN DCENGARM ON LEMTHROT 1 WAIT 2 PROCEED
A WAIT 12 V 16 N 68 E WAIT 2
A VERIFY WITHIN 61 V 16 N 68 R3 UNEQ +99999 THEN WAIT 10 V 57 E
A WAIT 2 V 16 N 68 E WAIT 6 KR
A IF V 06 N 64 THEN WAIT 2 PROCEED WAIT 2
A SUBPROGRAM 71 MCON RADIUS 1736061.403 HOLD CARDS
A SCSCODE OFF WAIT 2 V 37 E 68 E
A IF V 06 N 43 THEN WAIT 2 PROCEED WAIT 2
A WAIT 10 V 69 E
    
```

END OF ASTRONAUT INPUT CARDS.

INPUTPROC INITIALIZATION CARDS:

ID	PRNTCTRL	FLIGHT #	ALTT	LATT	LCN01
2.0000000000	00	1.0000000000	00	5.4000000000	02
				-2.0290000000	03
				7.7799999999	-1
				2.0714000000	01

THE UNIVERSE ROUTINE IS USING DATA FOR THE PERIOD FROM JULY 1, 1969 THROUGH JULY 1971

UNIVERSE INPUT DATA FROM DATAFILE:

UNIVERSE INPUT CARDS (3 OF THEM):

ID	EPOCH	ORIGIN	R(X)	R(Y)	R(Z)
ID	TZERO	OUTCTRL	V(X)	V(Y)	V(Z)
ID	CNFIG	PEFT			
1.1000000000	01	1.55643483599	01	2.0000000000	00
				-1.2769999999	06
				1.1910000000	03
1.1000000000	01	3.0770000000	05	1.1486000000	00
				1.1620000000	05
1.1000000000	01	0.0	00	1.1750000000	01
				0.0	00





IMUBLK2 INPUT DATA:

ID	PACKEDBITS	DTPRINT	DTFIELD	XCDU (DG)
ID	YCDU (DG)	ZCDU (DG)	XERCTR (BT)	ZERCTR (BT)
ID	YELLER (DG)	ZELLER (DG)	XOUTCTR (DG)	ZOUTCTR (BT)
ID	BE (J)	BD (I)	BD (I)	ASDIA (I)
ID	ASDIA (I)	ASDSA (I)	ASDSA (I)	ASDSA (I)
ID	BA (I)	BA (I)	SF (I)	SF (I)
2.7000000000	02 1.0000000000	05 0.0000000000	00 0.0000000000	00 0.0000000000
2.7000000000	02 1.0000000000	05 0.0000000000	00 0.0000000000	00 0.0000000000
2.7000000000	02 -1.72965784753	01 3.51872175358	01 1.18804441133	02 6.00000000000
2.7000000000	02 -1.59999999999	00 3.79999999999	00 4.39999999999	00 1.00000000000
2.7000000000	02 -3.00000000000	00 5.69999999999	00 -5.00000000000	00 6.00000000000
2.7000000000	02 9.99999999999	-02 1.99999999999	-01 -2.67000000000	-02 -1.14900000000

THE UNPACKED CONTENTS OF "PACKEDBITS" ARE:

PWR STATE	TODC	ERCTR ENBL	CDUZERO	CRS ENBL	FASTSW
0.0	0.0	0.0	0.0	0.0	1.0

CDU'S SET EQUAL TO GIMBAL ANGLES AS REQUESTED ON INPUT CARDS.

IMUBLK2: INITIAL CUTER, INNF, & MIDL GIMBAL ANGLES ARE: 6.27352847352 -02 -1.63137183121 02 -2.12489168362 -01

\* ( 0.7812151911, 0.5762499999, 0.2429899999,  
 T = 0.045634423, -0.3937799999, 0.9191433891,  
 SI 0.6253697926, -0.7161616541, -0.309921995 )

IMU CDU NOISE SIGMA SET TO 0.0 PULSES T = 3.6770000000 S

IMU FAST SWITCH SET TO 1.0 T = 3.6770000000 S

ASTRONAUT READS 1 WORDS OF ASTRONAUT CARD INFORMATION

8.88888888799	03 8.88888888799	05 0.00000000000	03 7.77777777699	03 6.66666666666	00 5.55555555555
8.88888888799	03 1.20000000000	01 7.77777777699	03 2.16000000000	09 0.00000000000	00 0.00000000000

ASTRONAUT KEYSTROKE 128 FOR TIME 36770.000000  
 ASTRONAUT KEYSTROKE 138 FOR TIME 36770.000000  
 ASTRONAUT: EXITS UNTIL TIME 36770.000000 FOR REASON 3

TARGET INITIAL STATE

ID	T	DTPRINT	RT(X)	RT(Y)	T(Z)
ID			VT(X)	VT(Y)	VT(Z)
1.4000000000	01 3.62014399999	05 9.99999999999	06 5.10221332659	05 1.63195297999	05 6.01136000000
1.4000000000	01		1.56615498099	03 -4.12200222000	02 -1.01157912500

PACAR DATA CARDS

ID	SHAFT	TRON	S ERCTR	T ERCTR	PROTSIG
ID	S OUTCTR	T OUTCTR	CUTCTR	DTPRINT	G SIGMA
ID	T KDEL	TEILE1	TEILE2	POWEROFF	OUTTRIG

ID	S BIAS	T BIAS	RGE BIAS	POOT BIAS	FAST
ID	K (L/R)	V MINSIG	A MINSIG	V BIAS	A BIAS
ID		VX SIG	VY SIG	VZ SIG	ALT SIG
1.3000000000	01	0.0	0.0	0.0	0.0
1.3000000000	01	0.0	0.0	0.0	0.0
1.3000000000	01	0.0	0.0	0.0	0.0
1.3000000000	01	0.0	0.0	0.0	0.0
1.3000000000	01	0.0	0.0	0.0	0.0
1.3000000000	01	0.0	0.0	0.0	0.0
1.3000000000	01	0.0	0.0	0.0	0.0

INITIAL SETTING OF RADAR OUTPUTS

CDUZERC	ERCTREN	STENABLE
0.0	0.0	0.0

ENVIRONMENT (ENVCTRL): LM GUIDANCE COMPUTER INTERFACE AND NAVIGATION HARDWARE SIMULATED.  
VEHICLE DYNAMICS CALCULATED BY LEM SUBROUTINE

ENVIRONMENT (ENVCTRL): ON LINE PRINTING INFORMATION  
ON LINE PRINTING AT DISCRETION OF EACH SUBROUTINE'S INPUT DATA.  
ENVSUM: REFERENCE ALTITUDE FOR TIME OF FREE FALL (TFF) CALCULATION IS 10000 FEET.

ENV COMPLETED INITIALIZATION AT 53189.1589 SEC. REAL TIME.

ROYALTY BUSINESS FORMS INCORPORATED

7547146

START SIMULATION.

LMY99 AGC 101 NASA 2021112-161 NEW SIMULATION

MARSFOT 27414415 /FYLES

LIFAD/82.FMVCNTL 7/23/81 14:16 PAGE 24  
/DUPLICATE LANDING LAST SNAP NONE

SNAPSHOT 367710 SECONDS RUNNING 367710.0000

7547148

ASTRONAUT REASON CALL AT TIME 367710.0000 CURRENT DISPLAYS:

MODE 0 VERB 0 NOUN 0 FLASH R1 0 R2 0 R3 0 CK FAIL PGM ALM FEL DSPLY  
 UPLINK 0

ASTRONAUT PERFORMS ACTION 601661166 AT TIME 367710.0000

DISPLAYS = XX XX XX XXXX XXXXX XXXXX 367710.00000

IMU CDU ZERO BIT HAS GCNE ON. T = 367711.295E 5

IMU CDU ZERO BIT HAS GCNE OFF. T = 367713513E 5

ASTRONAUT KEYSTROKE "VERB" FOR TIME 367712.0000  
 ASTRONAUT KEYSTROKE 3 FOR TIME 367712.2500  
 ASTRONAUT KEYSTROKE 7 FOR TIME 367712.5000  
 ASTRONAUT KEYSTROKE "ENTER" FOR TIME 367712.7500  
 ASTRONAUT KEYSTROKE 0 FOR TIME 367713.0000  
 ASTRONAUT KEYSTROKE 1 FOR TIME 367713.2500  
 ASTRONAUT KEYSTROKE "ENTER" FOR TIME 367713.5000

DISPLAYS = XX 37 XX FLASH XXXX XXXXX XXXXX 367713.00000

105564 CLOCCK REQUEST 0 ENGINEF3 T1=13.07 SECONDS PUNING 367713.51600 9003

\*\*\*\*\*  
 LEM HAS RECEIVED AUTO THROTTLE PULSE TRAINS BUT CANNOT PROCFSST THEM : THRUST CONT SW = 1 (1=AUTO) ENGARM = ( =DISARM)  
 TIME = 367713.5171874 \*\*\*\*\* THRUST CONTROL SWITCH SHOULD BE IN AUTO AND ENGINE SHOULD BE ARMED \*\*\*\*\*

T = 367713.7500 ASTRONAUT SEES DESIRED DISPLAYS.

MODE 0 VERB 0 NOUN 0 FLASH R1 0 R2 0 R3 0 CK FAIL PGM ALM FEL DSPLY  
 UPLINK 0

DISPLAYS = 00 XX XX XXXX XXXXX XXXXX 367714.00011

ASTRONAUT KEYSTROKE "VERB" FOR TIME 367715.7500  
 ASTRONAUT KEYSTROKE 4 FOR TIME 367716.0000  
 ASTRONAUT KEYSTROKE 8 FOR TIME 367716.2500  
 ASTRONAUT KEYSTROKE "ENTER" FOR TIME 367716.5000

DISPLAYS = 00 01 46 FLASH 21112 XXXXX XXXXX 367717.00000

T = 367717.5500 ASTRONAUT SEES DESIRED DISPLAYS.

MODE 0 VERB 1 NOUN 46 FLASH 1 R1 21112 R2 0 R3 0 CK FAIL PGM ALM FEL DSPLY  
 UPLINK 0

ASTRONAUT KEYSTROKE "VERB" FOR TIME 367718.0500  
 ASTRONAUT KEYSTROKE 2 FOR TIME 367718.3000  
 ASTRONAUT KEYSTROKE 1 FOR TIME 367718.5500  
 ASTRONAUT KEYSTROKE "ENTER" FOR TIME 367718.8000  
 ASTRONAUT KEYSTROKE 2 FOR TIME 367719.0500  
 ASTRONAUT KEYSTROKE 1 FOR TIME 367719.3000  
 ASTRONAUT KEYSTROKE 1 FOR TIME 367719.5500  
 ASTRONAUT KEYSTROKE 1 FOR TIME 367719.8000  
 ASTRONAUT KEYSTROKE 2 FOR TIME 367720.0500  
 ASTRONAUT KEYSTROKE "ENTER" FOR TIME 367720.3000

DISPLAYS = 00 21 46 FLASH XXX12 XXXXX XXXXX RELEASE DISPLAY 367719.00000  
 DISPLAYS = 00 21 46 FLASH 2111X XXXXX XXXXX RELEASE DISPLAY 367720.00000  
 DISPLAYS = 00 21 46 FLASH 21112 XXXXX XXXXX 367721.00000

ASTRONAUT PERFORMS ACTION 6 0 66 136 AT TIME 367723.5599

ASTRONAUT KEYSTROKE PROCEED

DISPLAYS = 00 21 46 FLASH +23396 +36473 XXXXX 367724.00000  
 DISPLAYS = 00 26 47 FLASH +23396 +36473 XXXXX 367725.00000

T = 367725.959. ASTRONAUT SEES DESIRED DISPLAYS.  
 MODE 0 VERB 6 NOUN 47 FLASH 1

CK FAIL PGM ALM RFL DSPLY

UPLINK 0 R1 +33396 R2 +36473 R3

ASTRONAUT KEYSTROKE "VERB" FOR TIME 367726.961  
 ASTRONAUT KEYSTROKE 2 FOR TIME 367727.211  
 ASTRONAUT KEYSTROKE 1 FOR TIME 367727.461  
 ASTRONAUT KEYSTROKE "ENTER" FOR TIME 367727.711  
 ASTRONAUT KEYSTROKE " + " FOR TIME 367727.961  
 ASTRONAUT KEYSTROKE 3 FOR TIME 367728.211  
 ASTRONAUT KEYSTROKE 3 FOR TIME 367728.461  
 ASTRONAUT KEYSTROKE 3 FOR TIME 367728.711  
 ASTRONAUT KEYSTROKE 8 FOR TIME 367728.961  
 ASTRONAUT KEYSTROKE 1 FOR TIME 367729.211  
 ASTRONAUT KEYSTROKE "ENTER" FOR TIME 367729.461

DISPLAYS = 00 XX 47 FLASH +23396 +36473 XXXXX RELEASE DISPLAY 367727.00000  
 DISPLAYS = 00 21 47 FLASH XXXXX +36473 XXXXX RELEASE DISPLAY 367728.00000  
 DISPLAYS = 00 21 47 FLASH +23396 +36473 XXXXX RELEASE DISPLAY 367729.00000  
 DISPLAYS = 00 26 47 FLASH +23378 +36473 XXXXX 367730.00000

ASTRONAUT PERFORMS ACTION 6 0 66 136 AT TIME 367730.7119

ASTRONAUT KEYSTROKE PROCEED

DISPLAYS = 00 26 47 FLASH +23366 +36473 XXXXX 367731.00000

T = 367731.425. ASTRONAUT SEES DESIRED DISPLAYS.  
 MODE 0 VERB 6 NOUN 48 FLASH 1

CK FAIL PGM ALM RFL DSPLY

UPLINK 0 R1 + 466 R2 + 585 R3

DISPLAYS = 00 26 48 FLASH +0466 +0585 XXXXX 367732.00000

ASTRONAUT KEYSTROKE "VERB" FOR TIME 367732.423  
 ASTRONAUT KEYSTROKE 3 FOR TIME 367732.673  
 ASTRONAUT KEYSTROKE 4 FOR TIME 367732.923

ASTRONAUT KEYSTROKE "VERB" FOR TIME 367732.423  
ASTRONAUT KEYSTROKE "3" FOR TIME 367732.673  
ASTRONAUT KEYSTROKE "4" FOR TIME 367732.923

LMY99 AGC 001 NASA 2021112--61 NEW SIMULATION MARSBOT 2 414415 /EYLES LFPADAR2.EMVGNTP1 7/12/68 14:43 PAGE 27  
/DUPLICATE LANDING LAST SNAP 367700

ASTRONAUT KEYSTROKE "ENTER" FOR TIME 367733.173  
ASTRONAUT KEYSTROKE "VERB" FOR TIME 367733.423  
ASTRONAUT KEYSTROKE "3" FOR TIME 367733.673  
ASTRONAUT KEYSTROKE "7" FOR TIME 367733.923  
ASTRONAUT KEYSTROKE "ENTER" FOR TIME 367734.173  
ASTRONAUT KEYSTROKE "4" FOR TIME 367734.423  
ASTRONAUT KEYSTROKE "3" FOR TIME 367734.673  
ASTRONAUT KEYSTROKE "ENTER" FOR TIME 367734.923

DISPLAYS = 00 34 48 FLASH + 0466 + 0585 XXXXX RELEASE DISPLAY 367734.0000  
DISPLAYS = 00 37 XX XXXXX XXXXX XXXXX 367734.0000

105564 CLOCK REQUEST @ ENGINE 4 T1=17166 SECONDS RUNNING 367734.945101 7575

\*\*\*\*\*  
LEM HAS RECEIVED AUTO THROTTLE PULSE TRAINS BUT CANNOT PROCESS THEM : THRUST CONT SW = 1 (1=AUTO) ENGARM = 1 (1=ISARM)  
TIME = 367734.9459374 \*\*\*\*\* THRUST CONTROL SWITCH SHOULD BE IN AUTO AND ENGINE SHOULD BE ARMED \*\*\*\*\*

074776 CLOCK REQUEST @ P63LM T1=17172 SECONDS RUNNING 367734.984423 7932

006071 CLOCK REQUEST @ IGNALG T1=17173 SECONDS RUNNING 367734.995653 1890

DISPLAYS = 00 37 63 XXXXX XXXXX XXXXX 367735.000012

ASTRONAUT PERFORMS ACTION 611 660167 AT TIME 367735.1731

006071 CLOCK REQUEST @ LEMPREC T1=17267 SECONDS RUNNING 367735.993011 2916

DISPLAYS = 63 XX XX XXXXX XXXXX XXXXX 367736.000111

SNAPSHOT 367735 SECONDS RUNNING 367736.000159

LMY99	AGC	001	NASA 2721112-61 NEW SIMULATION	MARSROT 20414415 /FVLES	LPRADAP20 ENVCNTEL 7/27/79 14:43	PAGE 28
						367750
006071	CLCCK	REQUEST	@ MUNGRAV	T1=23000	SECONDS RUNNING	367754.245167 4507
073121	CLCCK	REQUEST	@ QUADGUID	T1=23025	SECONDS RUNNING	367754.449033 2765
073331	CLCCK	REQUEST	@ EXGSUB	T1=23046	SECONDS RUNNING	367754.628688 7250
072460	CLCCK	REQUEST	@ GUIDSUB	T1=23061	SECONDS RUNNING	367754.654504 9445
073121	CLCCK	REQUEST	@ QUADGUID	T1=23066	SECONDS RUNNING	367754.785407 15615
073331	CLCCK	REQUEST	@ EXGSUB	T1=23107	SECONDS RUNNING	367754.959124 5439
072460	CLCCK	REQUEST	@ GUIDSUB	T1=23112	SECONDS RUNNING	367754.962425 7429
073121	CLCCK	REQUEST	@ QUADGUID	T1=23127	SECONDS RUNNING	367755.112854 8558
073331	CLCCK	REQUEST	@ EXGSUB	T1=23150	SECONDS RUNNING	367755.286630 3367
075102	CLCCK	REQUEST	@ DDUMCALC	T1=23153	SECONDS RUNNING	367755.311100 5475
006071	CLCCK	REQUEST	@ INTEGRVS	T1=23160	SECONDS RUNNING	367755.367618 7200
006071	CLCCK	REQUEST	@ MUNGRAV	T1=23243	SECONDS RUNNING	367755.873678 3491
073121	CLCCK	REQUEST	@ QUADGUID	T1=23270	SECONDS RUNNING	367756.044580 1478
073331	CLCCK	REQUEST	@ EXGSUB	T1=23311	SECONDS RUNNING	367756.257839 6263
072460	CLCCK	REQUEST	@ GUIDSUB	T1=23314	SECONDS RUNNING	367756.281714 8301
073121	CLCCK	REQUEST	@ QUADGUID	T1=23331	SECONDS RUNNING	367756.412512 9462
073331	CLCCK	REQUEST	@ EXGSUB	T1=23352	SECONDS RUNNING	367756.585260 4203
072460	CLCCK	REQUEST	@ GUIDSUB	T1=23355	SECONDS RUNNING	367756.612127 6487
073121	CLCCK	REQUEST	@ QUADGUID	T1=23372	SECONDS RUNNING	367756.743491 7535
073331	CLCCK	REQUEST	@ EXGSUB	T1=23413	SECONDS RUNNING	367756.811202 2017
075102	CLCCK	REQUEST	@ DDUMCALC	T1=23415	SECONDS RUNNING	367756.933930 3957
006071	CLCCK	REQUEST	@ DDUMGOOD	T1=23422	SECONDS RUNNING	367756.980098 7971
075202	CLCCK	REQUEST	@ IGNALCRT	T1=23425	SECONDS RUNNING	367757.117113 1806
075204	CLCCK	REQUEST	@ ASTNCLCK	T1=23425	SECONDS RUNNING	367757.113585 1753
104717	CLCCK	REQUEST	@ CLCKTASK	T1=23526	SECONDS RUNNING	367757.841151 6112

DISPLAYS = 63 06 61 FLASH - 0949 -23x47 XXXX 367758.00000

T = 367758.259. ASTRONAUT SEES DESIRED DISPLAYS.  
 MODE 63 VERB 0 NOUN 61 FLASH 1 CK FAIL PGM ALM EPL DPLSY  
 UPLINK 0 R1 - 9749 R2 -23047 R3 - 2

104717	CLCCK	REQUEST	@ CLCKTASK	T1=23672	SECONDS RUNNING	367758.661164 1347
LMY99	AGC	001	NASA 2721112-61 NEW SIMULATION	MARSROT 20414415 /FVLES	LPRADAP20 ENVCNTEL 7/27/79 14:43	PAGE 29
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104717 CLCKC REQUEST @ CLCKTASK

TJ=23526

SECONDS RUNNING

367757.61151

6 12

DISPLAYS = 63 06 61 FLASH -09X49 -23X47 XXXX

367758.00000

T = 367758.259. ASTRONAUT SEES DESIRED DISPLAYS.

MODE 63 UPLINK 0 VERB 6 NOUN 61 FLASH 1 CK FAIL PGM ALM REL DSPLY

104717 CLCKC REQUEST @ CLCKTASK

TJ=23672

SECONDS RUNNING 367759.661164 1047

LMY99 AGC 001 NASA 2021112-061 NEW SIMULATION MARSROT 20414415 /EYLES

LPPADAP2.EMVCTRL 7/23/80 14:43 PAGE 29 /DUPLICATE LANDING LAST SNAP 367759

DISPLAYS = 63 06 61 FLASH -09X49 -23X45 -0002

367759.00000

104717 CLCKC REQUEST @ CLCKTASK

TJ=24036

SECONDS RUNNING 367759.661164 6680

DISPLAYS = 63 06 61 FLASH -09X49 -23X45 -0002

367760.00000

ASTRONAUT PERFORMS ACTION 600 661136 AT TIME 367760.2597

ASTRONAUT KEYSTROKE PROCEED

104717 CLCKC REQUEST @ CLCKTASK

TJ=24272

SECONDS RUNNING 367760.661164 8014

DISPLAYS = 63 50 25 FLASH 0014 XX XXX XXXXX

367761.00000

104717 CLCKC REQUEST @ CLCKTASK

TJ=24346

SECONDS RUNNING 367761.661164 7347

104717 CLCKC REQUEST @ CLCKTASK

TJ=24512

SECONDS RUNNING 367762.661164 2680

104717 CLCKC REQUEST @ CLCKTASK

TJ=24656

SECONDS RUNNING 367763.661164 8014

T = 367764.659. ASTRONAUT SEES DESIRED DISPLAYS.

MODE 63 UPLINK 0 VERB 51 NOUN 25 FLASH 1 CK FAIL PGM ALM REL DSPLY

104717 CLCKC REQUEST @ CLCKTASK

TJ=25022

SECONDS RUNNING 367764.661164 8347

104717 CLCKC REQUEST @ CLCKTASK

TJ=25166

SECONDS RUNNING 367765.661164 8680

104717 CLCKC REQUEST @ CLCKTASK

TJ=25332

SECONDS RUNNING 367766.661164 4014

ASTRONAUT KEYSTROKE "ENTER" FOR TIME 367766.661

006071 CLCKC REQUEST @ P63SPOT2

TJ=25335

SECONDS RUNNING 367766.662515 6680

064123 CLCKC REQUEST @ R60LEM

TJ=25337

SECONDS RUNNING 367766.711250 8450

DISPLAYS = 63 XX XX XXX14 XXXXX XXXXX

367767.00012

104717 CLCKC REQUEST @ CLCKTASK

TJ=25476

SECONDS RUNNING 367767.661164 9347

DISPLAYS = 63 50 18 FLASH +35879 +10584 +00138

367768.00000

104717 CLCKC REQUEST @ CLCKTASK

TJ=25642

SECONDS RUNNING 367768.661164 4680

104717 CLCKC REQUEST @ CLCKTASK

TJ=26006

SECONDS RUNNING 367770.661164 8014

104717 CLCKC REQUEST @ CLCKTASK

TJ=26152

SECONDS RUNNING 367770.661164 5347

T = 367771.161. ASTRONAUT SEES DESIRED DISPLAYS.

MODE 63 UPLINK 0 VERB 51 NOUN 18 FLASH 1 CK FAIL PGM ALM REL DSPLY

R1 +35879 R2 +1 584 R3 + 138

ASTRONAUT PERFORMS ACTION 600 71 AT TIME 367771.1637

LGC IS NOW IN CONTROL OF SPACECRAFT

ASTRONAUT PERFORMS ACTION 600670059 AT TIME 367771.0637

IMU ERROR COUNTER ENABLE BIT HAS GONE ON. T = 36677714360E 5

104717 CLCCK REQUEST @ CLCKTASK T1=26316 SECONDS RUNNING 367771.061173 692  
 104717 CLCCK REQUEST @ CLCKTASK T1=26452 SECONDS RUNNING 367772.061226 6919

ASTRONAUT PERFORMS ACTION 600666136 AT TIME 367773.0637

ASTRONAUT KEYSTROKE PROCEED

104717 CLCCK REQUEST @ CLCKTASK T1=26626 SECONDS RUNNING 367773.061164 1347  
 DISPLAYS = 63 XX XX XXXXX XXXXX XXXXX 367774.060034  
 104717 CLCCK REQUEST @ CLCKTASK T1=26772 SECONDS RUNNING 367774.061182 6692  
 DISPLAYS = 63 06 1P +358XX XXXXX XXXXX 367775.060000  
 104717 CLCCK REQUEST @ CLCKTASK T1=27136 SECONDS RUNNING 367775.061212 2118  
 DISPLAYS = 63 06 1P +35879 +1 584 +0138 367776.060000  
 104717 CLCCK REQUEST @ CLCKTASK T1=27302 SECONDS RUNNING 367776.0661241 7353

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVFL	LAT	YAW	BALL-R	CDUX	PRAE	ATT-X	DPPX	DGY	THEUST	RCS	AP
LANDING	(STABLE	MEMBER	COORDS)	FORVFL	LONG	PITCH	BALL-P	CDUY	ORATE	ATT-Y	DPPY	DGY	DFLTAV	DPS	PERILU
	METRIC	UNITS		ALTRATE	ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	DGZ	MASS	APS	
367776.8	- 86291	1662.0	0.00	21.4	1.03	- 0.14	359.74	0.04	- 0.00	0.00	52	0	0	526.3	57.0
102: 9:37	- 270	0.4	0.00	5468.3	116.82	-167.65	195.07	-164.92	- 2.14	0.00	7	0	0	177.5	7.94
LANDING	-1782919	- 36.5	0.00	- 133.9	160580	- 0.11	359.95	- 0.26	- 0.06	0.00	2	0	334.6	518.0	

104717 CLCCK REQUEST @ CLCKTASK T1=27446 SECONDS RUNNING 367777.0661210 2695  
 104717 CLCCK REQUEST @ CLCKTASK T1=27612 SECONDS RUNNING 367777.0661175 2714

TIME	R	V	A	LATVFL	LAT	YAW	BALL-R	CDUX	PRAE	ATT-X	DPPX	DGY	THEUST	RCS	AP
LANDING	(STABLE	MEMBER	COORDS)	FORVFL	LONG	PITCH	BALL-P	CDUY	ORATE	ATT-Y	DPPY	DGY	DFLTAV	DPS	PERILU
	METRIC	UNITS		ALTRATE	ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	DGZ	MASS	APS	
367778.8	- 92966	1662.1	0.00	17.5	1.03	- 0.16	359.61	0.07	- 0.00	0.00	2	0	0	526.3	57.1
102: 9:39	- 257	0.4	0.00	5468.6	116.71	-171.88	19.78	-164.22	- 2.14	0.76	1	0	0	177.5	7.95
LANDING	-1782995	- 36.4	0.00	- 133.8	160312	- 0.03	359.99	- 0.28	- 0.06	0.00	1	0	334.6	518.0	

104717 CLCCK REQUEST @ CLCKTASK T1=27756 SECONDS RUNNING 367779.0661204 2857  
 104717 CLCCK REQUEST @ CLCKTASK T1=30122 SECONDS RUNNING 367781.0661229 2686

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LRS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-F	CDUX	PRATE	ATT-X	OPPX	DGX	THFUST	RCG	APDUJ
LANDING	(STABLE MEMBER COORDS)			FORVEL	LONG	PITCH	BALL-P	CDUY	GRATE	ATT-Y	DPPY	DGY	DELTAV	RPS	PERILU
	METRIC	UNITS		ALTRATE	ALT	RCLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	DGZ	MASS	APS	
367780.8 -	79641	1662.3	0.00	12.9	1.003	0.29	359.48	-0.04	0.00	0.00	3	0		536.3	57.12
102: 9:41 -	243	6.4	0.00	5468.9	116.61	-176.06	186.48	-173.81	2.14	0.54	1	0		177.5	7.96
LANDING	-1783065 -	33.4	0.00	-133.8	160.45	0.06	0.04	-0.51	0.06	0.00	0	0	334.6	51.89	
104717	CLCKK REQUEST @ CLCKTASK								T1=30266		SECONDS	RUNNING		367781.661242	4.20
104717	CLCKK REQUEST @ CLCKTASK								T1=30432		SECONDS	RUNNING		367782.66119	93.0
367782.8 -	76315	1662.4	0.00	7.8	1.003	0.41	359.36	-0.09	0.00	0.00	2	0		536.3	57.13
102: 9:43 -	230	6.4	0.00	5469.2	116.50	179.74	182.19	-177.81	2.14	0.21	0	0		177.5	7.96
LANDING	-1783128 -	30.3	0.00	-133.7	159777	0.11	0.09	-0.63	0.06	0.00	1	0	334.6	51.89	
104717	CLCKK REQUEST @ CLCKTASK								T1=30576		SECONDS	RUNNING		367783.661188	46.92
104717	CLCKK REQUEST @ CLCKTASK								T1=30742		SECONDS	RUNNING		367784.661216	70.8
367784.8 -	72989	1662.6	0.00	2.7	1.003	0.53	359.23	-0.15	0.00	0.00	2	0		536.3	57.15
102: 9:45 -	217	6.4	0.00	5469.5	116.39	175.55	177.89	177.89	2.14	0.00	0	0		177.5	7.96
LANDING	-1783186 -	27.2	0.00	-133.7	159509	0.14	0.15	-0.76	0.06	0.10	1	0	334.6	51.89	
104717	CLCKK REQUEST @ CLCKTASK								T1=411.6		SECONDS	RUNNING		367785.661175	53.9
104717	CLCKK REQUEST @ CLCKTASK								T1=31252		SECONDS	RUNNING		367786.661203	76.83
367786.8 -	69662	1662.7	0.00	4.2	1.004	0.65	359.11	-0.21	0.00	0.00	2	0		536.3	57.16
102: 9:47 -	203	6.4	0.00	5469.7	116.28	171.36	173.67	173.59	2.14	0.21	0	0		177.5	7.97
LANDING	-1782237 -	24.1	0.00	-133.7	159242	0.19	0.22	-0.87	0.06	0.01	0	0	334.6	51.89	
104717	CLCKK REQUEST @ CLCKTASK								T1=31416		SECONDS	RUNNING		367787.66119	80.16
104717	CLCKK REQUEST @ CLCKTASK								T1=31562		SECONDS	RUNNING		367788.661255	135.5
367788.8 -	66336	1662.8	0.00	11.0	1.004	0.77	359.00	-0.29	0.00	0.10	2	0		536.3	57.18
102: 9:49 -	191	6.4	0.00	5470.0	116.18	167.17	180.30	180.29	2.14	0.54	1	0		177.5	7.97
LANDING	-1782283 -	21.0	0.00	-133.6	158975	0.24	0.29	-0.99	0.06	0.21	1	0	334.6	51.89	
104717	CLCKK REQUEST @ CLCKTASK								T1=31726		SECONDS	RUNNING		367789.661208	66.86
104717	CLCKK REQUEST @ CLCKTASK								T1=32072		SECONDS	RUNNING		367790.661180	27.16

367790.8 - 63109 1663.0 0.00 - 18.3 1.04 - 0.80 358.89 - 0.37 0.00 - 0.1 2 0 536.5 57.10  
 102: 9:51 - 177 6.4 0.00 547.02 116.07 152.98 165.01 165.00 - 2.14 - 0.76 1 0 177.5 7.97  
 LANDING -1783322 - 18.0 0.00 - 133.6 158707 - 0.37 0.36 - 1.10 - 0.46 - 0.21 1 0 334.6 51.80

104717 CLCKC REQUEST @ CLCKTASK T1=32236 SECONDS RUNNING 367791.661189 7349

104717 CLCKC REQUEST @ CLCKTASK T1=32402 SECONDS RUNNING 367792.661186 7690

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUY	PRATE	ATT-X	DPX	DGX	THEUST	PCS	APDU
LANDING	(STABLE MEMBER METRIC UNITS)	COORDS)	FORVEL	LCNG	PITCH	BALL-P	CDUY	PRATE	ATT-Y	DPY	DPZ	DELTAV	DPS	APDU	
367792.8 -	55682	1663.1	0.00	25.9	1.04	0.96	358.82	0.45	0.00	0.10	2	0	536.3	57.20	
102: 9:53 -	163	6.4	0.00	547.05	116.96	158.83	160.76	160.75	2.06	1.00	1	0	177.5	7.97	
LANDING -1783355 -	14.9	0.00	133.6	158440	0.37	0.44	1.17	0.01	0.21	2	0	334.6	51.89		

104717 CLCKC REQUEST @ CLCKTASK T1=32546 SECONDS RUNNING 367793.661264 8122

104717 CLCKC REQUEST @ CLCKTASK T1=32712 SECONDS RUNNING 367794.661242 8554

367794.8 - 56354 1663.2 0.00 - 32.4 1.04 - 0.90 358.88 - 0.51 0.00 - 0.10 2 0 536.2 57.22  
 102: 9:55 - 150 6.4 0.00 547.07 116.86 154.81 156.62 156.62 - 2.06 - 1.20 1 0 177.5 7.97  
 LANDING -1783382 - 11.8 0.00 - 133.6 158173 - 0.42 0.51 - 1.10 0.01 - 1.10 1 0 334.6 51.80

104717 CLCKC REQUEST @ CLCKTASK T1=33056 SECONDS RUNNING 367795.661255 8693

104717 CLCKC REQUEST @ CLCKTASK T1=33222 SECONDS RUNNING 367796.661203 9117

367796.8 - 5368 1663.3 0.00 - 38.3 1.04 - 0.84 358.95 - 0.58 0.00 - 0.10 2 0 536.2 57.23  
 102: 9:57 - 150 6.4 0.00 547.09 116.75 150.78 152.49 152.49 - 2.06 - 1.31 1 0 177.5 7.97  
 LANDING -1783411 - 8.7 0.00 - 133.6 157506 - 0.47 0.57 - 1.14 0.01 0.00 1 0 334.6 51.9

104717 CLCKC REQUEST @ CLCKTASK T1=33366 SECONDS RUNNING 367797.661172 9348

104717 CLCKC REQUEST @ CLCKTASK T1=33532 SECONDS RUNNING 367798.66119 9682

367798.8 - 49741 1663.4 0.00 - 43.8 1.05 - 0.89 358.92 - 0.63 0.00 - 0.10 1 0 536.3 57.24  
 102: 9:59 - 137 6.4 0.00 547.11 116.64 146.85 148.45 148.44 - 2.00 - 1.42 0 0 177.5 7.97  
 LANDING -1783416 - 5.6 0.00 - 133.4 157639 - 0.51 0.63 - 1.07 - 0.04 0.00 1 0 334.6 51.80

104717 CLCKC REQUEST @ CLCKTASK T1=33676 SECONDS RUNNING 367799.661216 10118

SNAPSHOT 367800 SECONDS RUNNING 367800.00039

SNAPSCT 367800

SECONDS RUNNING

367800.00 39

LMY99 AGC 001 NASA 2121112- 61 NEW SIMULATION MARSFOT 21414415 /CYLES LRFADAP2.0 FIVCNTPL 17/23/HO 14:43 PAGE 33  
/DUPLICATE LANDING LAST SNAP 367800

104717 CLCK REQUEST @ CLCKTASK T1=34042 SECONDS RUNNING 367800.661167 5347

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	FALL-R	CDUX	PRATE	ATT-X	DPPY	UGY	THROUST	RCS	APRU
LANDING	(STABLE MEMBER METRIC)	COORDS	COORDS	FORVEL	LONG	PITCH	BALL-P	CDUY	ORATE	ATT-Y	DPPZ	DGY	DELTA V	DPS	PERILU
		UNITS		ALTRATE	ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	DGZ	MASS	APS	
367800.8 -	46413	1663.4	0.00	- 49.4	1.05	- 0.94	358.87	- 0.69	0.01	- 0.10	2	0		536.3	57.25
102:10: 1 -	124	6.4	0.00	5471.4	115.53	142.95	144.44	146.43	- 1.99	- 1.42	0	0		177.5	7.97
LANDING	-1783424	- 2.6	0.00	- 133.4	157372	- 0.56	0.69	- 1.13	- 0.13	0.00	1	0	334.6	51.9	

104717 CLCK REQUEST @ CLCKTASK T1=34206 SECONDS RUNNING 367800.661263 5347

104717 CLCK REQUEST @ CLCKTASK T1=34352 SECONDS RUNNING 367800.661172 5347

367802.8 -	43085	1663.5	0.00	- 54.8	1.05	- 0.97	358.85	- 0.74	0.11	0.00	2	0		536.3	57.25
102:10: 3 -	110	6.4	0.00	5471.6	115.43	139.07	14.46	146.46	- 1.99	- 1.42	0	0		177.5	7.96
LANDING	-1783426	0.4	0.00	- 133.4	157165	- 0.60	0.74	- 1.15	- 0.13	0.00	1	0	334.6	51.9	

104717 CLCK REQUEST @ CLCKTASK T1=34516 SECONDS RUNNING 367800.661172 1348

104717 CLCK REQUEST @ CLCKTASK T1=34662 SECONDS RUNNING 367800.661185 6692

367804.8 -	39756	1663.6	0.00	- 60.0	1.05	- 1.00	358.83	- 0.8	0.11	0.00	2	0		536.3	57.26
102:10: 5 -	97	6.4	0.00	5471.8	115.32	139.20	136.47	136.47	- 1.99	- 1.42	0	0		177.5	7.96
LANDING	-1783422	3.5	0.00	- 133.3	156838	- 0.64	0.8	- 1.16	- 0.13	0.00	1	0	334.6	51.9	

104717 CLCK REQUEST @ CLCKTASK T1=35126 SECONDS RUNNING 367800.661190 2016

104717 CLCK REQUEST @ CLCKTASK T1=35172 SECONDS RUNNING 367800.661122- 7352

367806.8 -	36428	1663.7	0.00	- 65.1	1.05	- 1.02	358.82	- 0.85	0.11	0.00	1	0		536.3	57.27
102:10: 7 -	84	6.4	0.00	5472.0	115.21	131.32	132.49	132.49	- 1.99	- 1.31	0	0		177.5	7.96
LANDING	-1783412	6.6	0.00	- 133.3	156571	- 0.69	0.85	- 1.17	- 0.13	0.00	1	0	334.6	51.9	

104717 CLCK REQUEST @ CLCKTASK T1=35336 SECONDS RUNNING 367800.661205 2694

104717 CLCK REQUEST @ CLCKTASK T1=35512 SECONDS RUNNING 367800.661176 8715

367808.8 -	33190	1663.7	0.00	- 70.1	1.05	- 1.04	358.81	- 0.91	0.11	0.00	2	0		536.3	57.28
102:10: 9 -	71	6.4	0.00	5472.2	115.11	127.45	128.51	128.51	- 1.99	- 1.31	0	0		177.5	7.96
LANDING	-1783395	5.7	0.00	- 133.3	156305	- 0.73	0.91	- 1.18	- 0.13	0.00	2	0	334.6	51.9	

104717 CLCK REQUEST @ CLCKTASK T1=35646 SECONDS RUNNING 367800.661186 3349

104717 CLCK REQUEST @ CLCKTASK T1=36112 SECONDS RUNNING 367800.661127 9010

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	DGX	THFLST	RCG	APOLU
LANDING	(STABLE MEMBER METRIC UNITS)	(COORDS)	(COORDS)	FORVEL	LONG	PITCH	BALL-P	CDUY	CRATE	ATT-Y	DPPY	DGY	DELTA V	BPS	PEPILU
				ALTRATE	ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	DGZ	MASS	APS	
367810.8 -	29771	1663.8	0.00	- 74.7	1.06	- 1.06	358.81	- 0.95	0.01	0.00	1	0		536.3	57.29
102:10:11 -	57	6.4	0.00	5472.3	115.00	123.57	124.52	124.51	- 1.99	- 1.31	1	0		177.5	7.95
LANDING -1783373		12.8	0.00	- 133.2	156038	- 0.77	0.95	- 1.19	- 0.03	0.00	1	0	334.6	5189	
104717	CLOCK REQUEST @	CLOCKTASK								T1=36156	SECONDS	RUNNING		367811.661190	6016
104717	CLOCK REQUEST @	CLOCKTASK								T1=36322	SECONDS	RUNNING		367812.661176	9248
367812.8 -	26442	1663.8	0.00	- 79.2	1.06	- 1.08	358.80	- 1.01	0.01	0.00	2	0		536.3	57.29
102:10:13 -	44	6.4	0.00	5472.5	114.89	119.69	124.53	12.54	- 1.99	- 1.31	1	0		177.5	7.95
LANDING -1783344		15.9	0.00	- 133.2	155772	- 0.81	1.00	- 1.19	- 0.03	0.00	1	0	334.6	5189	
104717	CLOCK REQUEST @	CLOCKTASK								T1=36466	SECONDS	RUNNING		367813.661199	1093
104717	CLOCK REQUEST @	CLOCKTASK								T1=36632	SECONDS	RUNNING		367814.661189	1016
367814.8 -	23113	1663.9	0.00	- 83.4	1.06	- 1.09	356.87	- 1.05	0.01	0.00	1	0		536.3	57.29
102:10:15 -	31	6.4	0.00	5472.7	114.78	115.82	116.54	116.55	- 1.99	- 1.31	1	0		177.5	7.95
LANDING -1783319		15.1	0.00	- 133.1	155545	- 0.84	1.04	- 1.19	- 0.03	0.00	1	0	334.6	5189	
104717	CLOCK REQUEST @	CLOCKTASK								T1=36770	SECONDS	RUNNING		367815.661226	6352
104717	CLOCK REQUEST @	CLOCKTASK								T1=37142	SECONDS	RUNNING		367816.661215	7695
367816.8 -	19785	1663.9	0.00	- 87.5	1.06	- 1.11	358.80	- 1.08	0.02	0.00	1	0		536.3	57.29
102:10:17 -	17	6.4	0.00	5472.9	114.68	111.94	112.56	112.57	- 1.99	- 1.31	1	0		177.5	7.95
LANDING -1783268		22.1	0.00	- 133.1	155239	- 0.88	1.08	- 1.19	- 0.03	0.00	1	0	334.6	5189	
104717	CLOCK REQUEST @	CLOCKTASK								T1=37376	SECONDS	RUNNING		367817.661238	6020
104717	CLOCK REQUEST @	CLOCKTASK								T1=37452	SECONDS	RUNNING		367818.661186	1349
367818.8 -	16456	1663.9	0.00	- 91.2	1.06	- 1.12	358.81	- 1.03	0.02	0.00	2	0		536.3	57.29
102:10:19 -	4	6.4	0.00	5473.1	114.57	108.07	108.57	108.58	- 1.99	- 1.27	2	0		177.5	7.95
LANDING -1783221		25.2	0.00	- 133.1	154973	- 0.91	1.12	- 1.19	- 0.03	0.00	2	0	334.6	5189	
104717	CLOCK REQUEST @	CLOCKTASK								T1=37616	SECONDS	RUNNING		367819.661172	6681
064174	CLOCK REQUEST @	ENDMANUV								T1=37724	SECONDS	RUNNING		367820.661117	6666
104717	CLOCK REQUEST @	CLOCKTASK								T1=37762	SECONDS	RUNNING		367821.661224	2119

104717	CLCK REQUEST @ CLCKTASK	T1=37616	SECONDS RUNNING	367819.661172	6681
064174	CLCK REQUEST @ ENDMANUV	T1=37724	SECONDS RUNNING	36782.0364117	6666
104717	CLCK REQUEST @ CLCKTASK	T1=37762	SECONDS RUNNING	36782.0661274	219

LMY99 AGC 0-1 NASA 2021112-61 NEW SIMULATION MAPSROT 20414415 /EYLF5 LPRADAP2.ENVCTRL (7/09/61) 14:41 PAGE 35 /DUPLICATE LANDING LAST SNAP 367800

T = 36782.973. ASTRONAUT SEES DESIRED DISPLAYS.  
 MODE 63 UPLINK 0 VERB 50 NCLN 18 FLASH 1 R1 +35879 P2 +10584 R3 + 138 CK FAIL PGM ALM FFL DSPLY

DISPLAYS = 63 50 18 FLASH +35879 +10584 +00138 367823.00000

104717	CLCK REQUEST @ CLCKTASK	T1=06126	SECONDS RUNNING	367821.661174	7349
104717	CLCK REQUEST @ CLCKTASK	T1=00272	SECONDS RUNNING	367822.0661173	2681

ASTRONAUT KEYPAD "ENTER" FOR TIME 367822.973

075235	CLCK REQUEST @ P63SPCT3	T1=00333	SECONDS RUNNING	367822.991733	389
075247	CLCK REQUEST @ P63SPCT4	T1=00333	SECONDS RUNNING	367822.991824	497
077721	CLCK REQUEST @ SETPOS1	T1=00333	SECONDS RUNNING	367822.992139	1623

DISPLAYS = 63 50 18 +35879 +10584 +00138 367823.000031

104126	CLCK REQUEST @ BURNBABY	T1=00355	SECONDS RUNNING	367823.172239	6292
105564	CLCK REQUEST @ ENGINEOFF	T1=00355	SECONDS RUNNING	367823.176422	6615

\*\*\*\*\*  
 LEM HAS RECEIVED AUTO THROTTLE PULSE TRAINS BUT CANNOT PROCESS THEM : THRUST CONT SW = 1 (1=AUTO) ENGAEM = 1 (=DISAPM)  
 TIME = 367823.1768745 \*\*\*\*\* THRUST CONTROL SWITCH SHOULD BE IN AUTO AND ENGINE SHOULD BE ARMED \*\*\*\*\*

104717	CLCK REQUEST @ CLCKTASK	T1=00436	SECONDS RUNNING	367823.661266	6122
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DISPLAYS = 63 XX XX XXXXX XXXXX XXXXX 367824.000002

104717	CLCK REQUEST @ CLCKTASK	T1=00602	SECONDS RUNNING	367826.061268	3351
104717	CLCK REQUEST @ CLCKTASK	T1=00746	SECONDS RUNNING	367826.061225	8685
006071	CLCK REQUEST @ MUNCRAV	T1=01111	SECONDS RUNNING	367826.061452	7949
104717	CLCK REQUEST @ CLCKTASK	T1=01112	SECONDS RUNNING	367826.061273	4117
104717	CLCK REQUEST @ CLCKTASK	T1=01286	SECONDS RUNNING	367827.061133	9353
104717	CLCK REQUEST @ CLCKTASK	T1=01422	SECONDS RUNNING	367828.061183	4692
104717	CLCK REQUEST @ CLCKTASK	T1=01566	SECONDS RUNNING	367829.061236	0023
104717	CLCK REQUEST @ CLCKTASK	T1=01732	SECONDS RUNNING	367829.061276	5352
104717	CLCK REQUEST @ CLCKTASK	T1=02176	SECONDS RUNNING	367831.061187	0682

DISPLAYS = 63 06 62 +55616 22XXX XXXXX 367822.000000

104717	CLCK REQUEST @ CLCKTASK	T1=02242	SECONDS RUNNING	367831.061173	6114
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DISPLAYS = 63 06 62 +55616 -22X32 +00000 367833.000000

104717	CLCK REQUEST @ CLCKTASK	T1=02406	SECONDS RUNNING	367833.061174	1355
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DISPLAYS =	63	06	62	+55606	-22X31	+00000			367834.00000
104717	CLOCK	REQUEST	@	CLOCKTASK			T1= 2552	SECONDS RUNNING	367834.661228 6686
DISPLAYS =	63	06	62	+55606	-22X30	+00000			367835.00000
104717	CLOCK	REQUEST	@	CLOCKTASK			T1= 2716	SECONDS RUNNING	367835.661173 2014
DISPLAYS =	63	06	62	+55606	-22X29	+00000			367836.00000
104717	CLOCK	REQUEST	@	CLOCKTASK			T1= 13062	SECONDS RUNNING	367836.661173 7348
DISPLAYS =	63	06	62	+55606	-22X28	+00000			367837.00000
104717	CLOCK	REQUEST	@	CLOCKTASK			T1= 13276	SECONDS RUNNING	367837.661226 2685
DISPLAYS =	63	06	62	+55606	-22X27	+00000			367838.00000
104717	CLOCK	REQUEST	@	CLOCKTASK			T1= 13272	SECONDS RUNNING	367838.661240 8020
DISPLAYS =	63	06	62	+55606	-22X26	+00000			367839.00000
104717	CLOCK	REQUEST	@	CLOCKTASK			T1= 13536	SECONDS RUNNING	367839.661173 3348
DISPLAYS =	63	06	62	+55606	-22X25	+00000			367840.00000
104717	CLOCK	REQUEST	@	CLOCKTASK			T1= 13772	SECONDS RUNNING	367840.661226 8695
DISPLAYS =	63	06	62	+55606	-22X24	+00000			367841.00000
104717	CLOCK	REQUEST	@	CLOCKTASK			T1= 14066	SECONDS RUNNING	367841.661173 4014
DISPLAYS =	63	06	62	+55606	-22X23	+00000			367842.00000
104717	CLOCK	REQUEST	@	CLOCKTASK			T1= 14212	SECONDS RUNNING	367842.661226 9352
DISPLAYS =	63	06	62	+55606	-22X22	+00000			367843.00000
	ASTRONAUT	KEYSTROKE	"VERB"				FOR TIME		367843.223
	ASTRONAUT	KEYSTROKE	4				FOR TIME		367843.473
	ASTRONAUT	KEYSTROKE	7				FOR TIME		367843.723
	ASTRONAUT	KEYSTROKE	"ENTER"				FOR TIME		367843.973
104717	CLOCK	REQUEST	@	CLOCKTASK			T1= 14356	SECONDS RUNNING	367843.661173 4681
DISPLAYS =	63	47	62	+55606	-22X22	+00000			367844.00000
104717	CLOCK	REQUEST	@	CLOCKTASK			T1= 14522	SECONDS RUNNING	367844.661200 0017
DISPLAYS =	63	06	16	FLASH	+00000	+00000	+00000		367845.00000
104717	CLOCK	REQUEST	@	CLOCKTASK			T1= 14666	SECONDS RUNNING	367845.661252 6354
104717	CLOCK	REQUEST	@	CLOCKTASK			T1= 15132	SECONDS RUNNING	367846.661173 1691
104717	CLOCK	REQUEST	@	CLOCKTASK			T1= 15176	SECONDS RUNNING	367847.661173 6014



DISPLAYS = 63 06 16 FLASH +0090 +0000 +0000 367845.00000

104717	CLOCK REQUEST @ CLOKTASK	T1=04666	SECONDS RUNNING	367845.661252	5354
104717	CLOCK REQUEST @ CLOKTASK	T1=05132	SECONDS RUNNING	367845.661173	681
104717	CLOCK REQUEST @ CLOKTASK	T1=05176	SECONDS RUNNING	367845.661173	704

LMY99 AGC 001 NASA 2021112-001 NEW SIMULATION MARSROT 2:414415 /CYLES LRRADAR2, FMVNTFL 7/23/69 14:43 PAGE 37  
 /DUPLICATE LANDING LAST SNAP 367800

T = 367848.473. ASTRONAUT SEES DESIRED DISPLAYS.

MODE 63	VERB 6	NCUN 16	FLASH 1	R1 + 90	R2 + 0	R3 + 0	CK FAIL	PCM ALM	FPL DSPLY	
104717	CLOCK REQUEST @ CLOKTASK								367848.661252	135
104717	CLOCK REQUEST @ CLOKTASK								367848.661173	668

SNAPSHOT 367850 SECONDS RUNNING 367850.00000

ASTRNAUT PERFORMS ACTION 601660136 AT TIME 367850.4753

ASTRONAUT KEYSTROKE	PROCEED				
104717	CLOCK REQUEST @ CLOKTASK	T1=05652	SECONDS RUNNING	367850.661185	2015
006071	CLOCK REQUEST @ LEYPREC	T1=05656	SECONDS RUNNING	367850.712873	5573
DISPLAYS =	63 06 16 +00091 +00000 +00000				367850.600015
104717	CLOCK REQUEST @ CLOKTASK	T1=06116	SECONDS RUNNING	367850.661174	7348
104717	CLOCK REQUEST @ CLOKTASK	T1=06162	SECONDS RUNNING	367850.661179	2681
104717	CLOCK REQUEST @ CLOKTASK	T1=06326	SECONDS RUNNING	367850.661171	8114
104717	CLOCK REQUEST @ CLOKTASK	T1=06472	SECONDS RUNNING	367850.661442	3371
104717	CLOCK REQUEST @ CLOKTASK	T1=06636	SECONDS RUNNING	367850.661212	8683
104717	CLOCK REQUEST @ CLOKTASK	T1=07002	SECONDS RUNNING	367850.661167	4114
104717	CLOCK REQUEST @ CLOKTASK	T1=07146	SECONDS RUNNING	367850.661263	9355
104717	CLOCK REQUEST @ CLOKTASK	T1=07312	SECONDS RUNNING	367850.661212	4683
104717	CLOCK REQUEST @ CLOKTASK	T1=07456	SECONDS RUNNING	367850.661186	2015
104717	CLOCK REQUEST @ CLOKTASK	T1=07622	SECONDS RUNNING	367850.661252	5354
104717	CLOCK REQUEST @ CLOKTASK	T1=07766	SECONDS RUNNING	367850.661213	0684
104717	CLOCK REQUEST @ CLOKTASK	T1=10132	SECONDS RUNNING	367860.661186	6015
104717	CLOCK REQUEST @ CLOKTASK	T1=10276	SECONDS RUNNING	367860.661173	1348
104717	CLOCK REQUEST @ CLOKTASK	T1=10442	SECONDS RUNNING	367860.661186	6582
104717	CLOCK REQUEST @ CLOKTASK	T1=10606	SECONDS RUNNING	367860.661173	2014
104717	CLOCK REQUEST @ CLOKTASK	T1=10752	SECONDS RUNNING	367860.661186	7349
104717	CLOCK REQUEST @ CLOKTASK	T1=11116	SECONDS RUNNING	367860.661173	2681
104717	CLOCK REQUEST @ CLOKTASK	T1=11262	SECONDS RUNNING	367860.661252	8021
104717	CLOCK REQUEST @ CLOKTASK	T1=11426	SECONDS RUNNING	367860.661173	3348
104717	CLOCK REQUEST @ CLOKTASK	T1=11572	SECONDS RUNNING	367870.661164	8683
104717	CLOCK REQUEST @ CLOKTASK	T1=11726	SECONDS RUNNING	367870.661213	4118
104717	CLOCK REQUEST @ CLOKTASK	T1=12102	SECONDS RUNNING	367870.661278	9357
104717	CLOCK REQUEST @ CLOKTASK	T1=12246	SECONDS RUNNING	367870.661213	6684

104717	CLCKC REQUEST @ CLCKTASK	T1=11572	SECONDS RUNNING	367870.661164	8683
104717	CLCKC REQUEST @ CLCKTASK	T1=11726	SECONDS RUNNING	367871.661213	4318
104717	CLCKC REQUEST @ CLCKTASK	T1=1112	SECONDS RUNNING	367872.661178	8357
104717	CLCKC REQUEST @ CLCKTASK	T1=1174	SECONDS RUNNING	367873.661213	624

LMY99 AGC 001 NASA 2121112-161 NEW SIMULATION MARSKNT 21414415 /EYLES LPRADAR2 ENVIRONMENT 17/27/63 14:43 PAGE 39  
/DUPLICATE LANDING LAST SNAP 367850

104717	CLCKC REQUEST @ CLCKTASK	T1=12412	SECONDS RUNNING	367874.661186	115
104717	CLCKC REQUEST @ CLCKTASK	T1=12556	SECONDS RUNNING	367875.661186	5349
104717	CLCKC REQUEST @ CLCKTASK	T1=12722	SECONDS RUNNING	367876.661173	6681
104717	CLCKC REQUEST @ CLCKTASK	T1=13066	SECONDS RUNNING	367877.661213	7318
104717	CLCKC REQUEST @ CLCKTASK	T1=12232	SECONDS RUNNING	367878.661200	1350

DISPLAYS = 63 5 16 FLASH + 0 58 + 00000 + 00000 367879.000000

T = 367879.314. ASTRONAUT SEES DESIRED DISPLAYS.

MODE 63 VERB 50 NCUN 16 FLASH 1 CK FAIL PGM ALM PFL DSPLY  
UPLINK 0 R1 + 90 R2 + 0 R3 + 0

104717	CLCKC REQUEST @ CLCKTASK	T1=13376	SECONDS RUNNING	367879.661213	6684
104717	CLCKC REQUEST @ CLCKTASK	T1=13542	SECONDS RUNNING	367880.661186	2115

ASTRONAUT PERFORMS ACTION 60066 136 AT TIME 367881.347

ASTRONAUT KEYSTROKE PROCEED

104717	CLCKC REQUEST @ CLCKTASK	T1=13706	SECONDS RUNNING	367881.661186	7349
DISPLAYS =	63 06 62	+55606	-21X43	+00000	367882.000000

104717	CLCKC REQUEST @ CLCKTASK	T1=14052	SECONDS RUNNING	367882.661186	2682
DISPLAYS =	63 06 62	+55606	-21X42	+00000	367883.000000

104717	CLCKC REQUEST @ CLCKTASK	T1=14216	SECONDS RUNNING	367883.661213	8018
DISPLAYS =	63 06 62	+55606	-21X41	+00000	367884.000000

104717	CLCKC REQUEST @ CLCKTASK	T1=14362	SECONDS RUNNING	367884.661270	3357
DISPLAYS =	63 06 62	+55606	-21X40	+00000	367885.000000

104717	CLCKC REQUEST @ CLCKTASK	T1=14526	SECONDS RUNNING	367885.661200	8683
DISPLAYS =	63 06 62	+55606	-21X39	+00000	367886.000000

104717	CLCKC REQUEST @ CLCKTASK	T1=14672	SECONDS RUNNING	367886.661265	4122
DISPLAYS =	63 06 62	+55606	-21X38	+00000	367887.000000

104717	CLCKC REQUEST @ CLCKTASK	T1=15036	SECONDS RUNNING	367887.661173	9348
DISPLAYS =	63 06 62	+55606	-21X37	+00000	367888.000000

104717	CLCKC REQUEST @ CLCKTASK	T1=15202	SECONDS RUNNING	367888.661265	4589
DISPLAYS =	63 06 62	+55606	-21X36	+00000	367889.000000

LMY99	AGC	001	NASA 2021112-061	NEW SIMULATION	MARSPOB 20414415	/EYLES	LRPADAR20	EMVCONTFL	7/23/89	14:43	PAGE	40
							/DUPLICATE	LANDING	LAST	SNAP	367850	
104717	CLCCK	REQUEST @	CLOKTASK		T1=15346		SECONDS	RUNNING	367899.661186		315	
DISPLAYS =	63	16	62	+55616	-21X35	+00000					367899.661000	
104717	CLCCK	REQUEST @	CLOKTASK		T1=15512		SECONDS	RUNNING	367899.661173		549	
DISPLAYS =	63	16	62	+55616	-21X34	+00000					367899.661000	
104717	CLCCK	REQUEST @	CLOKTASK		T1=15656		SECONDS	RUNNING	367899.661186		1682	
DISPLAYS =	63	16	62	+55616	-21X33	+00000					367892.000000	
104717	CLCCK	REQUEST @	CLOKTASK		T1=16122		SECONDS	RUNNING	367899.661173		6014	
DISPLAYS =	63	16	62	+55616	-21X32	+00000					367893.661000	
104717	CLCCK	REQUEST @	CLOKTASK		T1=16166		SECONDS	RUNNING	367899.661252		1354	
DISPLAYS =	63	16	62	+55616	-21X31	+00000					367894.661000	
104717	CLCCK	REQUEST @	CLOKTASK		T1=16332		SECONDS	RUNNING	367899.661265		6689	
DISPLAYS =	63	16	62	+55616	-21X30	+00000					367895.661000	
104717	CLCCK	REQUEST @	CLOKTASK		T1=16476		SECONDS	RUNNING	367899.661186		2715	
DISPLAYS =	63	16	62	+55616	-21X29	+00000					367896.661000	
104717	CLCCK	REQUEST @	CLOKTASK		T1=16642		SECONDS	RUNNING	367899.661252		7354	
DISPLAYS =	63	16	62	+55616	-21X28	+00000					367897.661000	
104717	CLCCK	REQUEST @	CLOKTASK		T1=17016		SECONDS	RUNNING	367899.661239		2687	
DISPLAYS =	63	16	62	+55616	-21X27	+00000					367898.661000	
104717	CLCCK	REQUEST @	CLOKTASK		T1=17152		SECONDS	RUNNING	367899.661173		8014	
DISPLAYS =	63	16	62	+55616	-21X26	+00000					367899.661000	
104717	CLCCK	REQUEST @	CLOKTASK		T1=17316		SECONDS	RUNNING	367899.661173		3348	
DISPLAYS =	63	16	62	+55616	-21X25	+00000					367900.661000	
SNAPSHCT	367900			SECONDS	RUNNING	367900.000039						

LMY99	AGC	001	NASA 2021112-061	NEW SIMULATION	MARSPOB 20414415	/EYLES	LRPADAR20	EMVCONTFL	7/23/89	14:43	PAGE	41
							/DUPLICATE	LANDING	LAST	SNAP	367900	
104717	CLCCK	REQUEST @	CLOKTASK		T1=17452		SECONDS	RUNNING	367899.661173		3681	
DISPLAYS =	63	16	62	+55616	-21X24	+00000					367900.661000	

104717	CLCKC REQUEST @ CLCKTASK				T1=17462	SECONDS RUNNING	367906.661226	8685
DISPLAYS =	63 06 62	+55606	-21x24	+00000			367910.000000	
104717	CLCKC REQUEST @ CLCKTASK				T1=17626	SECONDS RUNNING	367911.661173	4014
DISPLAYS =	63 06 62	+55606	-21x23	+00000			367920.000000	
104717	CLCKC REQUEST @ CLCKTASK				T1=17772	SECONDS RUNNING	367912.661173	9348
DISPLAYS =	63 06 62	+55606	-21x22	+00000			367923.000000	
104717	CLCKC REQUEST @ CLCKTASK				T1=20130	SECONDS RUNNING	367913.661186	4682
DISPLAYS =	63 06 62	+55606	-21x21	+00000			367924.000000	
104717	CLCKC REQUEST @ CLCKTASK				T1=20302	SECONDS RUNNING	367914.661226	0019
DISPLAYS =	63 06 62	+55606	-21x20	+00000			367925.000000	
104717	CLCKC REQUEST @ CLCKTASK				T1=20446	SECONDS RUNNING	367915.661173	5348
DISPLAYS =	63 06 62	+55606	-21x19	+00000			367926.000000	
104717	CLCKC REQUEST @ CLCKTASK				T1=20612	SECONDS RUNNING	367916.661226	0685
DISPLAYS =	63 06 62	+55606	-21x18	+00000			367927.000000	
104717	CLCKC REQUEST @ CLCKTASK				T1=20756	SECONDS RUNNING	367917.661173	6014
DISPLAYS =	63 06 62	+55606	-21x17	+00000			367928.000000	
104717	CLCKC REQUEST @ CLCKTASK				T1=21122	SECONDS RUNNING	367918.661173	1348
DISPLAYS =	63 06 62	+55606	-21x16	+00000			367929.000000	
104717	CLCKC REQUEST @ CLCKTASK				T1=21266	SECONDS RUNNING	367919.661173	6681
DISPLAYS =	63 06 62	+55606	-21x15	+00000			367920.000000	
104717	CLCKC REQUEST @ CLCKTASK				T1=21432	SECONDS RUNNING	367921.661213	2019
DISPLAYS =	63 06 62	+55606	-21x14	+00000			367922.000000	
104717	CLCKC REQUEST @ CLCKTASK				T1=21576	SECONDS RUNNING	367922.661173	7348
DISPLAYS =	63 06 62	+55606	-21x13	+00000			367923.000000	
104717	CLCKC REQUEST @ CLCKTASK				T1=21742	SECONDS RUNNING	367923.661213	2684
DISPLAYS =	63 06 62	+55606	-21x12	+00000			367924.000000	
104717	CLCKC REQUEST @ CLCKTASK				T1=22106	SECONDS RUNNING	367925.661229	8020

DISPLAYS =	104717	CLCK	REQ	EST	@	CLOCK	TASK	T1=22252	SECONDS	RUNNING	367914.661173	3348	
LMY99	AGC	01	NASA	2021112-061	NEW	SIMULATION	MARSFOT	20414415	/FYLE	LRPADAP2.ENVCMTEPL	7/23/69	14:43	PAGE 42
										/DUPLICATE	LANDING	LAST	SNAP 367900
DISPLAYS =	63	06	62					+55606	-21X17	+00000		367915.661000	
104717	CLCK	REQ	EST	@	CLOCK	TASK	T1=22416	SECONDS	RUNNING	367915.661173	8681		
DISPLAYS =	63	06	62					+55606	-21X19	+00000		367916.661000	
104717	CLCK	REQ	EST	@	CLOCK	TASK	T1=22562	SECONDS	RUNNING	367916.661213	4018		
DISPLAYS =	63	06	62					+55606	-21X18	+00000		367917.661000	
104717	CLCK	REQ	EST	@	CLOCK	TASK	T1=22726	SECONDS	RUNNING	367917.661186	9349		
DISPLAYS =	63	06	62					+55606	-21X07	+00000		367918.661000	
104717	CLCK	REQ	EST	@	CLOCK	TASK	T1=23072	SECONDS	RUNNING	367918.661213	4694		
DISPLAYS =	63	06	62					+55606	-21X16	+00000		367919.661000	
104717	CLCK	REQ	EST	@	CLOCK	TASK	T1=23236	SECONDS	RUNNING	367919.661239	112		
DISPLAYS =	63	06	62					+55606	-21X05	+00000		367920.661000	
104717	CLCK	REQ	EST	@	CLOCK	TASK	T1=23412	SECONDS	RUNNING	367920.661186	5349		
DISPLAYS =	63	06	62					+55606	-21X14	+00000		367921.661000	
104717	CLCK	REQ	EST	@	CLOCK	TASK	T1=23546	SECONDS	RUNNING	367921.661239	0687		
DISPLAYS =	63	06	62					+55606	-21X03	+00000		367922.661000	
104717	CLCK	REQ	EST	@	CLOCK	TASK	T1=23712	SECONDS	RUNNING	367922.661213	6118		
DISPLAYS =	63	06	62					+55606	-21X12	+00000		367923.661000	
104717	CLCK	REQ	EST	@	CLOCK	TASK	T1=24056	SECONDS	RUNNING	367923.661173	1348		
DISPLAYS =	63	06	62					+55606	-21X01	+00000		367924.661000	
104717	CLCK	REQ	EST	@	CLOCK	TASK	T1=24222	SECONDS	RUNNING	367924.661225	6685		
DISPLAYS =	63	06	62					+55606	-21X00	+00000		367925.661000	
104717	CLCK	REQ	EST	@	CLOCK	TASK	T1=24366	SECONDS	RUNNING	367925.661173	2114		
DISPLAYS =	63	06	62					+55606	-20X59	+00000		367926.661000	
104717	CLCK	REQ	EST	@	CLOCK	TASK	T1=24532	SECONDS	RUNNING	367926.661186	7340		
DISPLAYS =	63	06	62					+55606	-20X58	+00000		367927.661000	
104717	CLCK	REQ	EST	@	CLOCK	TASK	T1=24676	SECONDS	RUNNING	367927.661226	2685		
DISPLAYS =	63	06	62					+55606	-20X57	+00000		367928.661000	
104717	CLCK	REQ	EST	@	CLOCK	TASK	T1=25042	SECONDS	RUNNING	367928.661213	8118		
DISPLAYS =	63	06	62					+55606	-20X56	+00000		367929.661000	

LMY99	AGC	01	NASA	2021112-061	NEW	SIMULATION	MARSFOT	20414415	/FYLE	LRPADAP2.ENVCMTEPL	7/23/69	14:43	PAGE 43
										/DUPLICATE	LANDING	LAST	SNAP 367900

DISPLAYS =	63	06	62	+55606	-20X57	+00000			367928.000000	
104717	CLCK REQUEST @ CLCKTASK						T1=25042	SECONDS RUNNING	36792.061213	8918
DISPLAYS =	63	06	62	+55606	-20X56	+00000			367920.000000	

LMY99 AGC 101 NASA 2021112-161 NEW SIMULATION MARSPOT 2-414415 /FYLF5 LFPADAP%EMVCNTPL 17/22/11 1-143 PAGE 43  
/DUPLICATE LANDING LAST SNAP 367900

104717	CLCK REQUEST @ CLCKTASK						T1=25216	SECONDS RUNNING	367929.061186	8369
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DISPLAYS =	63	06	62	+55606	-20X55	+00000			367930.000000
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104717	CLCK REQUEST @ CLCKTASK						T1=25352	SECONDS RUNNING	367931.061173	8681
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DISPLAYS =	63	06	62	+55606	-20X54	+00000			367931.000000
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104717	CLCK REQUEST @ CLCKTASK						T1=25516	SECONDS RUNNING	367931.061186	8715
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DISPLAYS =	63	06	62	+55606	-20X53	+00000			367932.000000
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104717	CLCK REQUEST @ CLCKTASK						T1=25662	SECONDS RUNNING	367932.061173	8348
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DISPLAYS =	63	06	62	+55606	-20X52	+00000			367933.000000
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104717	CLCK REQUEST @ CLCKTASK						T1=26026	SECONDS RUNNING	367933.061226	4685
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DISPLAYS =	63	06	62	+55606	-20X51	+00000			367934.000000
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104717	CLCK REQUEST @ CLCKTASK						T1=26172	SECONDS RUNNING	367934.061200	0017
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DISPLAYS =	63	06	62	+55606	-20X50	+00000			367935.000000
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104717	CLCK REQUEST @ CLCKTASK						T1=26336	SECONDS RUNNING	367935.061186	5349
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DISPLAYS =	63	06	62	+55606	-20X49	+00000			367936.000000
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104717	CLCK REQUEST @ CLCKTASK						T1=26572	SECONDS RUNNING	367936.061213	0584
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DISPLAYS =	63	06	62	+55606	-20X48	+00000			367937.000000
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104717	CLCK REQUEST @ CLCKTASK						T1=26646	SECONDS RUNNING	367937.061172	6014
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DISPLAYS =	63	06	62	+55606	-20X47	+00000			367938.000000
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104717	CLCK REQUEST @ CLCKTASK						T1=27112	SECONDS RUNNING	367938.061186	1349
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DISPLAYS =	63	06	62	+55606	-20X46	+00000			367939.000000
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104717	CLCK REQUEST @ CLCKTASK						T1=27156	SECONDS RUNNING	367939.061186	6682
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DISPLAYS =	63	06	62	+55606	-20X45	+00000			367940.000000
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104717	CLCK REQUEST @ CLCKTASK						T1=27322	SECONDS RUNNING	367940.061173	2014
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DISPLAYS =	63	06	62	+55606	-20X44	+00000			367941.000000
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104717	CLCK REQUEST @ CLCKTASK						T1=27466	SECONDS RUNNING	367941.061186	7349
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DISPLAYS =	63	06	62	+55606	-20X43	+00000			367942.000000
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104717	CLCK REQUEST @ CLCKTASK						T1=27632	SECONDS RUNNING	367942.061173	2681
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DISPLAYS =	63	06	62	+55606	-20X42	+00000			367943.000000
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104717 CLCK REQUEST @ CLCKTASK

T1=27776

SECONDS RUNNING

367943.61186

8015

LMY99	AGC	001	NASA 2021112-061 NEW SIMULATION	MARKSPOT 20414415 /EYLES	LPPADAR2.EMVCONTPL 17/23/69 14:43	PAGE 44
						/DUPLICATE LANDING LAST SNAP 367900
DISPLAYS =	63	16	62	+55606 -20X41 +00000		367944.61186
104717	CLCK REQUEST @ CLCKTASK				T1=30142	SECONDS RUNNING 367944.661186 3349
DISPLAYS =	63	16	62	+55606 -20X41 +00000		367945.661186
104717	CLCK REQUEST @ CLCKTASK				T1=30376	SECONDS RUNNING 367945.661186 8682
DISPLAYS =	63	16	62	+55606 -20X39 +00000		367946.661186
104717	CLCK REQUEST @ CLCKTASK				T1=30452	SECONDS RUNNING 367946.661173 4114
DISPLAYS =	63	16	62	+55606 -20X38 +00000		367947.661186
104717	CLCK REQUEST @ CLCKTASK				T1=30616	SECONDS RUNNING 367947.661186 9349
DISPLAYS =	63	16	62	+55606 -20X37 +00000		367948.661186
104717	CLCK REQUEST @ CLCKTASK				T1=30762	SECONDS RUNNING 367948.661173 4681
DISPLAYS =	63	16	62	+55606 -20X36 +00000		367949.661186
104717	CLCK REQUEST @ CLCKTASK				T1=31126	SECONDS RUNNING 367949.661186 1015
DISPLAYS =	63	16	62	+55606 -20X35 +00000		367950.661186
SNAPSHCT	367950				SECONDS RUNNING 367950.661186	



LMY99	AGC	01	NASA 2421112- 61 NEW SIMULATION	MARSROT 2414415 /FYLES	LRPADAR2, ENVCHTEL 17/28/78 14:43	PAGE 45
					/DUPLICATE LANDING LAST SNAP	367950
104717					T1=21272	SECONDS RUNNING 367950.661186 5349
DISPLAYS =	63	06	62	+55606 -20X34 +00000		367951.000000
104717					T1=1436	SECONDS RUNNING 367951.661186 6682
DISPLAYS =	63	06	62	+55606 -20X33 +00000		367952.000000
104717					T1=31672	SECONDS RUNNING 367952.661173 6014
DISPLAYS =	63	06	62	+55606 -20X32 +00000		367953.000000
104717					T1=31746	SECONDS RUNNING 367953.661186 1349
DISPLAYS =	63	06	62	+55606 -20X31 +00000		367954.000000
104717					T1=32112	SECONDS RUNNING 367954.661173 6681
DISPLAYS =	63	06	62	+55606 -20X30 +00000		367955.000000
104717					T1=32256	SECONDS RUNNING 367955.661186 2015
DISPLAYS =	63	06	62	+55606 -20X29 +00000		367956.000000
104717					T1=32422	SECONDS RUNNING 367956.661186 7349
DISPLAYS =	63	06	62	+55606 -20X28 +00000		367957.000000
104717					T1=32566	SECONDS RUNNING 367957.661186 2682
DISPLAYS =	63	06	62	+55606 -20X27 +00000		367958.000000
104717					T1=32732	SECONDS RUNNING 367958.661186 3015
DISPLAYS =	63	06	62	+55606 -20X26 +00000		367959.000000
104717					T1=33776	SECONDS RUNNING 367959.661173 3348
DISPLAYS =	63	06	62	+55606 -20X25 +00000		367960.000000
104717					T1=33242	SECONDS RUNNING 367960.661226 8685
DISPLAYS =	63	06	62	+55606 -20X24 +00000		367961.000000
104717					T1=33406	SECONDS RUNNING 367961.661173 4014
DISPLAYS =	63	06	62	+55606 -20X23 +00000		367962.000000
104717					T1=33552	SECONDS RUNNING 367962.661186 9349
DISPLAYS =	63	06	62	+55606 -20X22 +00000		367963.000000
104717					T1=33716	SECONDS RUNNING 367963.661186 4682

DISPLAYS =	63	06	62	+55606	-20X21	+00000			367964,00000
104717	CLCK	REQUEST	@	CLCKTASK			T1=34162	SECONDS RUNNING	367964,661173
LMY99	AGC	001	NASA	2021112-061	NEW SIMULATION	MARSROT	20414415	/FYLE5	LPPADAR2,FMVCTRL 7/21/68 14:43 PAGE 46 /DUPLICATE LANDING LAST SNAP 367959
DISPLAYS =	63	06	62	+55606	-20X20	+00000			367965,00000
104717	CLCK	REQUEST	@	CLCKTASK			T1=34226	SECONDS RUNNING	367965,661186
DISPLAYS =	63	06	62	+55606	-20X19	+00000			367966,00000
104717	CLCK	REQUEST	@	CLCKTASK			T1=34372	SECONDS RUNNING	367966,661185
DISPLAYS =	63	06	62	+55606	-20X18	+00000			367967,00000
104717	CLCK	REQUEST	@	CLCKTASK			T1=34536	SECONDS RUNNING	367967,661186
DISPLAYS =	63	06	62	+55606	-20X17	+00000			367968,00000
104717	CLCK	REQUEST	@	CLCKTASK			T1=34702	SECONDS RUNNING	367968,661186
DISPLAYS =	63	06	62	+55606	-20X16	+00000			367969,00000
104717	CLCK	REQUEST	@	CLCKTASK			T1=35046	SECONDS RUNNING	367969,661186
DISPLAYS =	63	06	62	+55606	-20X15	+00000			367970,00000
104717	CLCK	REQUEST	@	CLCKTASK			T1=35212	SECONDS RUNNING	367970,661173
DISPLAYS =	63	06	62	+55606	-20X14	+00000			367971,00000
104717	CLCK	REQUEST	@	CLCKTASK			T1=35356	SECONDS RUNNING	367971,661186
DISPLAYS =	63	06	62	+55606	-20X13	+00000			367972,00000
104717	CLCK	REQUEST	@	CLCKTASK			T1=35522	SECONDS RUNNING	367972,661173
DISPLAYS =	63	06	62	+55606	-20X12	+00000			367973,00000
104717	CLCK	REQUEST	@	CLCKTASK			T1=35666	SECONDS RUNNING	367973,661172
DISPLAYS =	63	06	62	+55606	-20X11	+00000			367974,00000
104717	CLCK	REQUEST	@	CLCKTASK			T1=36032	SECONDS RUNNING	367974,661211
DISPLAYS =	63	06	62	+55606	-20X10	+00000			367975,00000
104717	CLCK	REQUEST	@	CLCKTASK			T1=36176	SECONDS RUNNING	367975,661186
DISPLAYS =	63	06	62	+55606	-20X09	+00000			367976,00000
104717	CLCK	REQUEST	@	CLCKTASK			T1=36342	SECONDS RUNNING	367976,661173
DISPLAYS =	63	06	62	+55606	-20X08	+00000			367977,00000
104717	CLCK	REQUEST	@	CLCKTASK			T1=36506	SECONDS RUNNING	367977,661239
DISPLAYS =	63	06	62	+55606	-20X07	+00000			367978,00000
104717	CLCK	REQUEST	@	CLCKTASK			T1=36652	SECONDS RUNNING	367978,661173
DISPLAYS =	63	06	62	+55606	-20X06	+00000			367979,00000



LMY99	AGC	011	NASA	2021112-161	NEW SIMULATION	MARSROT 20414415 /EYLES	LRRADAR2.FMVCNTPL 7/23/69	14:43	PAGE	48
							/DUPLICATE LANDING	LAST	SNAP	367950
DISPLAYS =	63	06	62		+55606	-19x51	+00000		367994.00000	
104717	CLCCK REQUEST @ CLCKTASK					T1=01752	SECONDS RUNNING	367994.661173	0314	
DISPLAYS =	63	06	62		+55606	-19x50	+00000		367995.00000	
104717	CLCCK REQUEST @ CLCKTASK					T1=02116	SECONDS RUNNING	367995.661186	5349	
DISPLAYS =	63	06	62		+55606	-19x49	+00000		367996.00000	
104717	CLCCK REQUEST @ CLCKTASK					T1= 2262	SECONDS RUNNING	367996.661186	0692	
DISPLAYS =	63	06	62		+55606	-19x48	+00000		367997.00000	
104717	CLCCK REQUEST @ CLCKTASK					T1=02426	SECONDS RUNNING	367997.661186	6115	
DISPLAYS =	63	06	62		+55606	-19x47	+00000		367998.00000	
104717	CLCCK REQUEST @ CLCKTASK					T1=02572	SECONDS RUNNING	367998.661173	1348	
DISPLAYS =	63	06	62		+55606	-19x46	+00000		367999.00000	
104717	CLCCK REQUEST @ CLCKTASK					T1=02736	SECONDS RUNNING	367999.661186	6682	
DISPLAYS =	63	06	62		+55606	-19x45	+00000		368000.00000	
SNAPSHOT	368000						SECONDS RUNNING	368000.00000	39	

LMY99	AGC	001	NASA	2021112-061	NEW SIMULATION	MARSROT 20414415 /FILES	LPPADAR2.FMVCNTP1 1772766	14:43	PAGE	49
							/DUPLICATE LANDING	LAST	SNAP	363000
		104717			CLOCK REQUEST @ CLCKTASK	T1=03102	SECONDS RUNNING	368000.661173		2014
DISPLAYS =	63	06	62		+55606 -19X44 +00000					368001.000000
		104717			CLOCK REQUEST @ CLCKTASK	T1=03246	SECONDS RUNNING	368001.661173		7349
DISPLAYS =	63	06	62		+55606 -19X43 +00000					368002.000000
		104717			CLOCK REQUEST @ CLCKTASK	T1=03412	SECONDS RUNNING	368002.661173		2681
DISPLAYS =	63	06	62		+55606 -19X42 +00000					368003.000000
		104717			CLOCK REQUEST @ CLCKTASK	T1=03556	SECONDS RUNNING	368003.661226		8019
DISPLAYS =	63	06	62		+55606 -19X41 +00000					368004.000000
		104717			CLOCK REQUEST @ CLCKTASK	T1=03722	SECONDS RUNNING	368004.661186		8349
DISPLAYS =	63	06	62		+55606 -19X40 +00000					368005.000000
		104717			CLOCK REQUEST @ CLCKTASK	T1=04066	SECONDS RUNNING	368005.661186		6682
DISPLAYS =	63	06	62		+55606 -19X39 +00000					368006.000000
		104717			CLOCK REQUEST @ CLCKTASK	T1=04232	SECONDS RUNNING	368006.661173		4014
DISPLAYS =	63	06	62		+55606 -19X38 +00000					368007.000000
		104717			CLOCK REQUEST @ CLCKTASK	T1=04376	SECONDS RUNNING	368007.661173		9348
DISPLAYS =	63	06	62		+55606 -19X37 +00000					368008.000000
		104717			CLOCK REQUEST @ CLCKTASK	T1=04542	SECONDS RUNNING	368008.661173		4681
DISPLAYS =	63	06	62		+55606 -19X36 +00000					368009.000000
		104717			CLOCK REQUEST @ CLCKTASK	T1=04706	SECONDS RUNNING	368009.661186		5015
DISPLAYS =	63	06	62		+55606 -19X35 +00000					368010.000000
		104717			CLOCK REQUEST @ CLCKTASK	T1=04852	SECONDS RUNNING	368010.661186		5349
DISPLAYS =	63	06	62		+55606 -19X34 +00000					368011.000000
		104717			CLOCK REQUEST @ CLCKTASK	T1=05216	SECONDS RUNNING	368011.661186		6682
DISPLAYS =	63	06	62		+55606 -19X33 +00000					368012.000000
		104717			CLOCK REQUEST @ CLCKTASK	T1=05362	SECONDS RUNNING	368012.661173		6014
DISPLAYS =	63	06	62		+55606 -19X32 +00000					368013.000000
		104717			CLOCK REQUEST @ CLCKTASK	T1=05526	SECONDS RUNNING	368013.661213		1351
DISPLAYS =	63	06	62		+55606 -19X31 +00000					368014.000000
		104717			CLOCK REQUEST @ CLCKTASK	T1=05672	SECONDS RUNNING	368014.661173		6681

LMY99	AGC	001	NASA 2021112-001	NEW SIMULATION	MARSPOI 20414415 /FILES	LRRADAR20.EMVCNT+1 7/23/69	14:43	PAGE	50
						/DUPLICATE LANDING	LAST	SNAP	368000
DISPLAYS =	63	06	62	+55606	-19X28	+00000		368015	00000
104717	CLCCK REQUEST @ CLCCKTASK				T1=06226	SECONDS RUNNING	368015.661186	2015	
DISPLAYS =	63	06	62	+55606	-19X29	+00000		368016	00000
104717	CLCCK REQUEST @ CLCCKTASK				T1=06202	SECONDS RUNNING	368016.661186	7349	
DISPLAYS =	63	06	62	+55606	-19X28	+00000		368017	00000
104717	CLCCK REQUEST @ CLCCKTASK				T1=06346	SECONDS RUNNING	368017.661186	2682	
DISPLAYS =	63	06	62	+55606	-19X27	+00000		368018	00000
104717	CLCCK REQUEST @ CLCCKTASK				T1=06512	SECONDS RUNNING	368018.661170	8014	
DISPLAYS =	63	06	62	+55606	-19X26	+00000		368019	00000
104717	CLCCK REQUEST @ CLCCKTASK				T1=06656	SECONDS RUNNING	368019.661186	3349	
DISPLAYS =	63	06	62	+55606	-19X25	+00000		368020	00000
104717	CLCCK REQUEST @ CLCCKTASK				T1=07022	SECONDS RUNNING	368020.661173	8693	
DISPLAYS =	63	06	62	+55606	-19X24	+00000		368021	00000
104717	CLCCK REQUEST @ CLCCKTASK				T1=07166	SECONDS RUNNING	368021.661186	4015	
DISPLAYS =	63	06	62	+55606	-19X23	+00000		368022	00000
104717	CLCCK REQUEST @ CLCCKTASK				T1=07332	SECONDS RUNNING	368022.661172	9348	
DISPLAYS =	63	06	62	+55606	-19X22	+00000		368023	00000
104717	CLCCK REQUEST @ CLCCKTASK				T1=07476	SECONDS RUNNING	368023.661173	4681	
DISPLAYS =	63	06	62	+55606	-19X21	+00000		368024	00000
104717	CLCCK REQUEST @ CLCCKTASK				T1=07642	SECONDS RUNNING	368024.661173	0014	
DISPLAYS =	63	06	62	+55606	-19X20	+00000		368025	00000
104717	CLCCK REQUEST @ CLCCKTASK				T1=06006	SECONDS RUNNING	368025.661213	5351	
DISPLAYS =	63	06	62	+55606	-19X19	+00000		368026	00000
104717	CLCCK REQUEST @ CLCCKTASK				T1=10152	SECONDS RUNNING	368026.661173	6681	
DISPLAYS =	63	06	62	+55606	-19X18	+00000		368027	00000
104717	CLCCK REQUEST @ CLCCKTASK				T1=10316	SECONDS RUNNING	368027.661186	6015	
DISPLAYS =	63	06	62	+55606	-19X17	+00000		368028	00000
104717	CLCCK REQUEST @ CLCCKTASK				T1=10460	SECONDS RUNNING	368028.661186	1340	
DISPLAYS =	63	06	62	+55606	-19X16	+00000		368029	00000



LMY99	AGC	001	NASA 2021112-161 NEW SIMULATION	MAKSPOT 2(414415 /EYLES	LRRADAR2, ENVIRONMENTAL 07/22/69	14:42	PAGE	51
					/DUPLICATE LANDING	LAST	SNAP	368000
104717			CLCCK REQUEST @ CLCKTASK		T1=10626	SECONDS RUNNING	368129.661186	6682
DISPLAYS =	63	06	62	+55606 -19X15 +00000				368130.000000
104717			CLCCK REQUEST @ CLCKTASK		T1=10772	SECONDS RUNNING	368131.661173	2114
DISPLAYS =	63	06	62	+55606 -19X14 +00000				368131.000000
104717			CLCCK REQUEST @ CLCKTASK		T1=11136	SECONDS RUNNING	368131.661212	7351
DISPLAYS =	63	06	62	+55606 -19X13 +00000				368132.000000
104717			CLCCK REQUEST @ CLCKTASK		T1=11302	SECONDS RUNNING	368132.661173	2681
DISPLAYS =	63	06	62	+55606 -19X12 +00000				368133.000000
104717			CLCCK REQUEST @ CLCKTASK		T1=11446	SECONDS RUNNING	368133.661186	8715
DISPLAYS =	63	06	62	+55606 -19X11 +00000				368134.000000
104717			CLCCK REQUEST @ CLCKTASK		T1=11612	SECONDS RUNNING	368134.661186	3349
DISPLAYS =	63	06	62	+55606 -19X10 +00000				368135.000000
104717			CLCCK REQUEST @ CLCKTASK		T1=11756	SECONDS RUNNING	368135.661186	8682
DISPLAYS =	63	06	62	+55606 -19X09 +00000				368136.000000
104717			CLCCK REQUEST @ CLCKTASK		T1=12122	SECONDS RUNNING	368136.661173	4114
DISPLAYS =	63	06	62	+55606 -19X08 +00000				368137.000000
104717			CLCCK REQUEST @ CLCKTASK		T1=12264	SECONDS RUNNING	368137.661213	9351
DISPLAYS =	63	06	62	+55606 -19X07 +00000				368138.000000
104717			CLCCK REQUEST @ CLCKTASK		T1=12432	SECONDS RUNNING	368138.661173	4681
DISPLAYS =	63	06	62	+55606 -19X06 +00000				368139.000000
104717			CLCCK REQUEST @ CLCKTASK		T1=12576	SECONDS RUNNING	368139.661173	1114
DISPLAYS =	63	06	62	+55606 -19X05 +00000				368140.000000
104717			CLCCK REQUEST @ CLCKTASK		T1=12742	SECONDS RUNNING	368140.661186	5349
DISPLAYS =	63	06	62	+55606 -19X04 +00000				368141.000000
104717			CLCCK REQUEST @ CLCKTASK		T1=13106	SECONDS RUNNING	368141.661238	7687
DISPLAYS =	63	06	62	+55606 -19X03 +00000				368142.000000
104717			CLCCK REQUEST @ CLCKTASK		T1=13252	SECONDS RUNNING	368142.661173	8114
DISPLAYS =	63	06	62	+55606 -19X02 +00000				368143.000000
104717			CLCCK REQUEST @ CLCKTASK		T1=13416	SECONDS RUNNING	368143.661186	1349



DISPLAYS =	63	76	62	+55675	-19X1	+00000	T1=13176	SECONDS RUNNING	368041.661738	637
104717										
DISPLAYS =	63	76	62	+55676	-19X2	+00000	T1=13252	SECONDS RUNNING	368040.661173	614
104717										
DISPLAYS =	63	76	62	+55675	-19X2	+00000				368043.660000
104717							T1=13416	SECONDS RUNNING	368043.661186	739
LMY99	AGC	001	NASA 2021112- 61 NEW SIMULATION		MARSPOT 20414415 /CYLFS			LRFDAP2 ENVIRONMENT 17/2 /FB 14:43		PAGE 52
								/DUPLICATE LANDING	LAST	SNAP 368000
DISPLAYS =	63	76	62	+55676	-19X01	+00000				368044.660000
104717							T1=13562	SECONDS RUNNING	368044.661173	661
DISPLAYS =	63	76	62	+55676	-19X01	+00000				368045.660000
104717							T1=13726	SECONDS RUNNING	368045.661186	2015
DISPLAYS =	63	76	62	+55676	-18X59	+00000				368046.660000
104717							T1=14072	SECONDS RUNNING	368046.661186	7349
DISPLAYS =	63	76	62	+55676	-18X53	+00000				368047.660000
104717							T1=14236	SECONDS RUNNING	368047.661186	2682
DISPLAYS =	63	76	62	+55676	-18X57	+00000				368049.660000
104717							T1=14472	SECONDS RUNNING	368049.661173	8014
DISPLAYS =	63	76	62	+55676	-18X56	+00000				368049.660000
104717							T1=14566	SECONDS RUNNING	368049.661186	3349
DISPLAYS =	63	76	62	+55676	-18X55	+00000				368050.660000
SNAPSHOT	368050							SECONDS RUNNING	368050.660039	

LMY99	AGC	001	NASA 2421112-061 NEW SIMULATION	MARSR0T 2 414415 /EYLES	LPRADAR2, ENVCNTPL 7/27/80 14:43	PLCE 53
					/DUPLICATE LANDING	LAST SNAP 368050
104717			CLCCK REQUEST @ CLCKTASK	T1=14712	SECONDS RUNNING	368051.661173 8681
DISPLAYS =	63	06	62	+55606	-18X54	+00000 368051.000000
104717			CLCCK REQUEST @ CLCKTASK	T1=15054	SECONDS RUNNING	368051.661173 4014
DISPLAYS =	63	06	62	+55606	-18X53	+00000 368052.000000
104717			CLCCK REQUEST @ CLCKTASK	T1=15222	SECONDS RUNNING	368052.661173 9348
DISPLAYS =	63	06	62	+55606	-18X52	+00000 368053.000000
104717			CLCCK REQUEST @ CLCKTASK	T1=15366	SECONDS RUNNING	368053.661173 4681
DISPLAYS =	63	06	62	+55606	-18X51	+00000 368054.000000
104717			CLCCK REQUEST @ CLCKTASK	T1=15532	SECONDS RUNNING	368054.661224 0019
DISPLAYS =	63	06	62	+55606	-18X50	+00000 368055.000000
104717			CLCCK REQUEST @ CLCKTASK	T1=15676	SECONDS RUNNING	368055.661224 5352
DISPLAYS =	63	06	62	+55606	-18X49	+00000 368056.000000
104717			CLCCK REQUEST @ CLCKTASK	T1=16042	SECONDS RUNNING	368056.661226 1685
DISPLAYS =	63	06	62	+55606	-18X48	+00000 368057.000000
104717			CLCCK REQUEST @ CLCKTASK	T1=16206	SECONDS RUNNING	368057.661173 6014
DISPLAYS =	63	06	62	+55606	-18X47	+00000 368058.000000
104717			CLCCK REQUEST @ CLCKTASK	T1=16352	SECONDS RUNNING	368058.661173 1348
DISPLAYS =	63	06	62	+55606	-18X46	+00000 368059.000000
104717			CLCCK REQUEST @ CLCKTASK	T1=16516	SECONDS RUNNING	368059.661173 6681
DISPLAYS =	63	06	62	+55606	-18X45	+00000 368060.000000
104717			CLCCK REQUEST @ CLCKTASK	T1=16662	SECONDS RUNNING	368061.661224 2019
DISPLAYS =	63	06	62	+55606	-18X44	+00000 368061.000000
104717			CLCCK REQUEST @ CLCKTASK	T1=17026	SECONDS RUNNING	368061.661226 7355
DISPLAYS =	63	06	62	+55606	-18X43	+00000 368062.000000
104717			CLCCK REQUEST @ CLCKTASK	T1=17172	SECONDS RUNNING	368062.661226 2685
DISPLAYS =	63	06	62	+55606	-18X42	+00000 368063.000000
104717			CLCCK REQUEST @ CLCKTASK	T1=17336	SECONDS RUNNING	368063.661173 8014
DISPLAYS =	63	06	62	+55606	-18X41	+00000 368064.000000
104717			CLCCK REQUEST @ CLCKTASK	T1=17502	SECONDS RUNNING	368064.661173 3348

DISPLAYS =	63	06	62	+55606	-18X42	+00000			368063.00000
104717	CLCK REQUEST @ CLCKTASK						T1=17336	SECONDS RUNNING	368063.661173
DISPLAYS =	63	06	62	+55606	-18X41	+00000			368064.00000
104717	CLCK REQUEST @ CLCKTASK						T1=17500	SECONDS RUNNING	368064.661173
LMY99	AGC	001	NASA 2021112-061 NEW SIMULATION				MARSROT 20414415 /FYLES	LKRADAR2.ENVCONTPL 7/23/74 14:43	PAGE 54
								/DUPLICATE LANDING LAST	SNAP 368050
DISPLAYS =	63	06	62	+55606	-18X40	+00000			368065.00000
104717	CLCK REQUEST @ CLCKTASK						T1=17646	SECONDS RUNNING	368065.661173
DISPLAYS =	63	06	62	+55606	-18X39	+00000			368066.00000
104717	CLCK REQUEST @ CLCKTASK						T1=20012	SECONDS RUNNING	368066.661186
DISPLAYS =	63	06	62	+55606	-18X38	+00000			368067.00000
104717	CLCK REQUEST @ CLCKTASK						T1=20156	SECONDS RUNNING	368067.661173
DISPLAYS =	63	06	62	+55606	-18X37	+00000			368068.00000
104717	CLCK REQUEST @ CLCKTASK						T1=20322	SECONDS RUNNING	368068.661186
DISPLAYS =	63	06	62	+55606	-18X36	+00000			368069.00000
104717	CLCK REQUEST @ CLCKTASK						T1=20466	SECONDS RUNNING	368069.661173
DISPLAYS =	63	06	62	+55606	-18X35	+00000			368070.00000
104717	CLCK REQUEST @ CLCKTASK						T1=20632	SECONDS RUNNING	368070.661173
DISPLAYS =	63	06	62	+55606	-18X34	+00000			368071.00000
104717	CLCK REQUEST @ CLCKTASK						T1=20776	SECONDS RUNNING	368071.661213
DISPLAYS =	63	06	62	+55606	-18X33	+00000			368072.00000
104717	CLCK REQUEST @ CLCKTASK						T1=21142	SECONDS RUNNING	368072.661186
DISPLAYS =	63	06	62	+55606	-18X32	+00000			368073.00000
104717	CLCK REQUEST @ CLCKTASK						T1=21306	SECONDS RUNNING	368073.661200
DISPLAYS =	63	06	62	+55606	-18X31	+00000			368074.00000
104717	CLCK REQUEST @ CLCKTASK						T1=21452	SECONDS RUNNING	368074.661186
DISPLAYS =	63	06	62	+55606	-18X30	+00000			368075.00000
104717	CLCK REQUEST @ CLCKTASK						T1=21616	SECONDS RUNNING	368075.661173
DISPLAYS =	63	06	62	+55606	-18X29	+00000			368076.00000
104717	CLCK REQUEST @ CLCKTASK						T1=21762	SECONDS RUNNING	368076.661173
DISPLAYS =	63	06	62	+55606	-18X28	+00000			368077.00000
104717	CLCK REQUEST @ CLCKTASK						T1=22126	SECONDS RUNNING	368077.661173
DISPLAYS =	63	06	62	+55606	-18X27	+00000			368078.00000

DISPLAYS =	AGC	01	NASA 2121112-	61 NEW SIMULATION	MARSKOT 25414415 /EYLF5	LRPADAP2, ENVCNTR1 117/23/64	14:43	PAGE 55
104717								368078.000000
DISPLAYS =	63	06	62	+55606	-18X26	+00000		368079.000000
104717								368080.000000
DISPLAYS =	63	06	62	+55606	-18X25	+00000		368081.000000
104717								368082.000000
DISPLAYS =	63	06	62	+55606	-18X24	+00000		368083.000000
104717								368084.000000
DISPLAYS =	63	06	62	+55606	-18X23	+00000		368085.000000
104717								368086.000000
DISPLAYS =	63	06	62	+55606	-18X22	+00000		368087.000000
104717								368088.000000
DISPLAYS =	63	06	62	+55606	-18X21	+00000		368089.000000
104717								368090.000000
DISPLAYS =	63	06	62	+55606	-18X20	+00000		368091.000000
104717								368092.000000
DISPLAYS =	63	06	62	+55606	-18X19	+00000		368093.000000
104717								368094.000000
DISPLAYS =	63	06	62	+55606	-18X18	+00000		368095.000000
104717								368096.000000
DISPLAYS =	63	06	62	+55606	-18X17	+00000		368097.000000
104717								368098.000000
DISPLAYS =	63	06	62	+55606	-18X16	+00000		368099.000000
104717								368100.000000
DISPLAYS =	63	06	62	+55606	-18X15	+00000		368101.000000
104717								368102.000000
DISPLAYS =	63	06	62	+55606	-18X14	+00000		368103.000000
104717								368104.000000
DISPLAYS =	63	06	62	+55606	-18X13	+00000		368105.000000
104717								368106.000000
DISPLAYS =	63	06	62	+55606	-18X12	+00000		368107.000000
104717								368108.000000

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DISPLAYS =	63	06	62	+55606	-18X13	+00000				368092.00000
104717	CLCKC REQUEST @ CLCKTASK						T1=25162	SECONDS RUNNING	368092.661173	2691
DISPLAYS =	63	06	62	+55606	-18X12	+00000				368093.00000
104717	CLCKC REQUEST @ CLCKTASK						T1=25224	SECONDS RUNNING	368093.661173	2714

LMY99 AGC 001 NASA 2021112- 61 NEW SIMULATION MARSHOT 20414415 /HYLES LFPADAP2.FHVCNTPL 170 /15 14:43 PAGE 56  
/DUPLICATE LANDING LAST SNAP 368050

DISPLAYS =	63	06	62	+55606	-18X11	+00000				368094.00000
104717	CLCKC REQUEST @ CLCKTASK						T1=25372	SECONDS RUNNING	368094.661276	3357

DISPLAYS =	63	06	62	+55606	-18X10	+00000				368095.00000
104717	CLCKC REQUEST @ CLCKTASK						T1=25536	SECONDS RUNNING	368095.661173	8831

DISPLAYS =	63	06	62	+55606	-18X09	+00000				368096.00000
104717	CLCKC REQUEST @ CLCKTASK						T1=25772	SECONDS RUNNING	368096.661173	4914

DISPLAYS =	63	06	62	+55606	-18X08	+00000				368097.00000
104717	CLCKC REQUEST @ CLCKTASK						T1=26046	SECONDS RUNNING	368097.661173	9368

DISPLAYS =	63	06	62	+55606	-18X07	+00000				368098.00000
104717	CLCKC REQUEST @ CLCKTASK						T1=26212	SECONDS RUNNING	368098.661173	4681

DISPLAYS =	63	06	62	+55606	-18X06	+00000				368099.00000
104717	CLCKC REQUEST @ CLCKTASK						T1=26356	SECONDS RUNNING	368099.661173	9014

DISPLAYS =	63	06	62	+55606	-18X05	+00000				368100.00000
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SNAPSHOT 368100 SECONDS RUNNING 368100.000000

LMY99	AGC	J01	NASA 2021112-061 NEW SIMULATION	MARSROT 21414415 /EYLES	LPRADAR2, FMCNT/1	7/25/69	14:43	8000	57
					/DUPLICATE LANDING	LAST	SNAP	368100	
			104717	CLCCK REQUEST @ CLCKTASK	T1=26522	SECONDS RUNNING	368110.661173	5348	
DISPLAYS =	63	06	62	+55606 -18x74 +00000				368110.000000	
			104717	CLCCK REQUEST @ CLCKTASK	T1=26666	SECONDS RUNNING	368110.661173	6481	
DISPLAYS =	63	06	62	+55606 -18x73 +00000				368112.000000	
			104717	CLCCK REQUEST @ CLCKTASK	T1=27032	SECONDS RUNNING	368112.661173	6714	
DISPLAYS =	63	06	62	+55606 -18x72 +00000				368113.000000	
			104717	CLCCK REQUEST @ CLOKTASK	T1=27176	SECONDS RUNNING	368113.661226	1352	
DISPLAYS =	63	06	62	+55606 -18x71 +00000				368114.000000	
			104717	CLCCK REQUEST @ CLOKTASK	T1=27342	SECONDS RUNNING	368113.661173	6681	
DISPLAYS =	63	06	62	+55606 -18x70 +00000				368115.000000	
			104717	CLCCK REQUEST @ CLDKTASK	T1=27516	SECONDS RUNNING	368115.661173	2716	
DISPLAYS =	63	06	62	+55606 -17x59 +00000				368116.000000	
			104717	CLCCK REQUEST @ CLCKTASK	T1=27652	SECONDS RUNNING	368116.661278	7357	
DISPLAYS =	63	06	62	+55606 -17x58 +00000				368117.000000	
			104717	CLCCK REQUEST @ CLCKTASK	T1=30016	SECONDS RUNNING	368117.661173	2681	
DISPLAYS =	63	06	62	+55606 -17x57 +00000				368118.000000	
			104717	CLCCK REQUEST @ CLOKTASK	T1=30162	SECONDS RUNNING	368118.661173	8714	
DISPLAYS =	63	06	62	+55606 -17x56 +00000				368119.000000	
			104717	CLCCK REQUEST @ CLOKTASK	T1=30226	SECONDS RUNNING	368119.661173	3348	
DISPLAYS =	63	06	62	+55606 -17x55 +00000				368120.000000	
			104717	CLCCK REQUEST @ CLOKTASK	T1=30472	SECONDS RUNNING	368120.661173	8681	
DISPLAYS =	63	06	62	+55606 -17x54 +00000				368121.000000	
			104717	CLCCK REQUEST @ CLOKTASK	T1=30636	SECONDS RUNNING	368121.661173	4014	
DISPLAYS =	63	06	62	+55606 -17x53 +00000				368122.000000	
			104717	CLCCK REQUEST @ CLCKTASK	T1=31002	SECONDS RUNNING	368122.661173	9348	
DISPLAYS =	63	06	62	+55606 -17x52 +00000				368123.000000	
			104717	CLCCK REQUEST @ CLCKTASK	T1=31146	SECONDS RUNNING	368123.661173	4681	
DISPLAYS =	63	06	62	+55606 -17x51 +00000				368124.000000	
			104717	CLCCK REQUEST @ CLCKTASK	T1=31312	SECONDS RUNNING	368124.661187	1115	

DISPLAYS =	63	16	62	+556.6	-17x52	+1000		368113.0000	
104717	CLOCK REQUEST & CLCKTASK						T1=31146	SECONDS RUNNING 368113.001172	4681
DISPLAYS =	63	16	62	+556.6	-17x51	+1000		368114.0000	
104717	CLOCK REQUEST & CLCKTASK						T1=31212	SECONDS RUNNING 368114.001167	4015

LMY99	AGC	001	NASA 2021112-J61 NEW SIMULATION	MARSFOT 21414415 /PYLEF	LRPADAR 20 ENVCNTPL 7/27/81 14:43	PAGE 58	
				/DUPLICATE LANDING		LAST SNAP 368100	
DISPLAYS =	63	06	62	+55606	-17X50	+00000	368116.000000
104717	CLCCK	REQUEST	@	CLCKTASK	T1=31456	SECONDS RUNNING	368116.661200
DISPLAYS =	63	06	62	+55606	-17X49	+00000	368116.000000
104717	CLCCK	REQUEST	@	CLCKTASK	T1=31622	SECONDS RUNNING	368116.661173
DISPLAYS =	63	06	62	+55606	-17X48	+00000	368117.000000
104717	CLCCK	REQUEST	@	CLCKTASK	T1=31766	SECONDS RUNNING	368117.661213
DISPLAYS =	63	06	62	+55606	-17X47	+00000	368116.000000
104717	CLCCK	REQUEST	@	CLCKTASK	T1=32132	SECONDS RUNNING	368118.661265
DISPLAYS =	63	06	62	+55606	-17X46	+00000	368116.000000
104717	CLCCK	REQUEST	@	CLCKTASK	T1=32276	SECONDS RUNNING	368119.661173
DISPLAYS =	63	06	62	+55606	-17X45	+00000	368120.000000
104717	CLCCK	REQUEST	@	CLCKTASK	T1=32442	SECONDS RUNNING	368120.661186
DISPLAYS =	63	06	62	+55606	-17X44	+00000	368121.000000
104717	CLCCK	REQUEST	@	CLCKTASK	T1=32606	SECONDS RUNNING	368121.661186
DISPLAYS =	63	06	62	+55606	-17X43	+00000	368122.000000
104717	CLCCK	REQUEST	@	CLCKTASK	T1=32752	SECONDS RUNNING	368122.661173
DISPLAYS =	63	06	62	+55606	-17X42	+00000	368123.000000
104717	CLCCK	REQUEST	@	CLCKTASK	T1=33116	SECONDS RUNNING	368123.661265
DISPLAYS =	63	06	62	+55606	-17X41	+00000	368124.000000
104717	CLCCK	REQUEST	@	CLCKTASK	T1=33262	SECONDS RUNNING	368124.661173
DISPLAYS =	63	06	62	+55606	-17X40	+00000	368125.000000
104717	CLCCK	REQUEST	@	CLCKTASK	T1=33426	SECONDS RUNNING	368126.661173
DISPLAYS =	63	06	62	+55606	-17X39	+00000	368126.000000
104717	CLCCK	REQUEST	@	CLCKTASK	T1=33572	SECONDS RUNNING	368126.661173
DISPLAYS =	63	06	62	+55606	-17X38	+00000	368127.000000
104717	CLCCK	REQUEST	@	CLCKTASK	T1=33736	SECONDS RUNNING	368127.661173
DISPLAYS =	63	06	62	+55606	-17X37	+00000	368128.000000
104717	CLCCK	REQUEST	@	CLCKTASK	T1=34102	SECONDS RUNNING	368128.661173
DISPLAYS =	63	06	62	+55606	-17X36	+00000	368129.000000



104717	CLOCK REQUEST @ CLCKTASK	T1=33572	SECONDS RUNNING	2681250661173	4014
DISPLAYS =	63 56 62 +55606 -17X38 +00000				268127000000
104717	CLOCK REQUEST @ CLCKTASK	T1=33736	SECONDS RUNNING	2681270661173	8248
DISPLAYS =	63 56 62 +55606 -17X37 +00000				268128000000
104717	CLOCK REQUEST @ CLCKTASK	T1=34112	SECONDS RUNNING	2681290661173	4681
DISPLAYS =	63 56 62 +55606 -17X36 +00000				268129000000

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1"

LMY99	AGC	001	NASA 2121112-Jo1	NEW SIMULATION	MARSPT 21414415 /EYLF5	LRRRPP2, FAVCI 11 L 7/77/67	04:43	PAGE	59
						/DUPLICATE LANDING	LAST	SNAP	368100
104717									
DISPLAYS =	63	06	62	+55606	-17X35	+00000			368130.000000
104717									
DISPLAYS =	63	06	62	+55606	-17X34	+00000			368131.000000
104717									
DISPLAYS =	63	06	62	+55606	-17X33	+00000			368132.000000
104717									
DISPLAYS =	63	06	62	+55606	-17X32	+00000			368133.000000
104717									
DISPLAYS =	63	06	62	+55606	-17X31	+00000			368134.000000
104717									
DISPLAYS =	63	06	62	+55606	-17X30	+00000			368135.000000
104717									
DISPLAYS =	63	06	62	+55606	-17X29	+00000			368136.000000
104717									
DISPLAYS =	63	06	62	+55606	-17X28	+00000			368137.000000
104717									
DISPLAYS =	63	06	62	+55606	-17X27	+00000			368138.000000
104717									
DISPLAYS =	63	06	62	+55606	-17X26	+00000			368139.000000
104717									
DISPLAYS =	63	06	62	+55606	-17X25	+00000			368140.000000
104717									
DISPLAYS =	63	06	62	+55606	-17X24	+00000			368141.000000
104717									
DISPLAYS =	63	06	62	+55606	-17X23	+00000			368142.000000
104717									
DISPLAYS =	63	06	62	+55606	-17X22	+00000			368143.000000
104717									
DISPLAYS =	63	06	62	+55606	-17X21	+00000			368144.000000



LMY99	AGC	001	NASA 2121112-061	NEW SIMULATION	MARSROT 21414415 /EYLES	LRRADAP26.FRVCMPL /07/22/79	14:43	PAGE 61		
						/DUPLICATE LANDING	LAST	SNAP 368150		
		104717	CLCCK	REQUEST @	CLCKTASK		T1=00332	SECONDS RUNNING	368150.661186	2015
DISPLAYS =	63	06	62	+55606	-17X14	+00000			368150.000000	
		104717	CLCCK	REQUEST @	CLCKTASK		T1=00476	SECONDS RUNNING	368151.661186	7349
DISPLAYS =	63	06	62	+55606	-17X13	+00000			368152.000000	
		104717	CLCCK	REQUEST @	CLCKTASK		T1=00642	SECONDS RUNNING	368152.661186	2582
DISPLAYS =	63	06	62	+55606	-17X12	+00000			368153.000000	
		104717	CLCCK	REQUEST @	CLCKTASK		T1=01006	SECONDS RUNNING	368153.661173	8114
DISPLAYS =	63	06	62	+55606	-17X11	+00000			368154.000000	
		104717	CLCCK	REQUEST @	CLCKTASK		T1=01152	SECONDS RUNNING	368154.661239	3352
DISPLAYS =	63	06	62	+55606	-17X10	+00000			368155.000000	
		104717	CLCCK	REQUEST @	CLCKTASK		T1=01316	SECONDS RUNNING	368155.661173	8681
DISPLAYS =	63	06	62	+55606	-17X09	+00000			368156.000000	
		104717	CLCCK	REQUEST @	CLCKTASK		T1=01452	SECONDS RUNNING	368156.661186	4015
DISPLAYS =	63	06	62	+55606	-17X08	+00000			368157.000000	
		104717	CLCCK	REQUEST @	CLCKTASK		T1=01626	SECONDS RUNNING	368157.661173	9348
DISPLAYS =	63	06	62	+55606	-17X07	+00000			368158.000000	
		104717	CLCCK	REQUEST @	CLCKTASK		T1= 1772	SECONDS RUNNING	368158.661173	4681
DISPLAYS =	63	06	62	+55606	-17X06	+00000			368159.000000	
		104717	CLCCK	REQUEST @	CLCKTASK		T1=02136	SECONDS RUNNING	368159.661173	0014
DISPLAYS =	63	06	62	+55606	-17X05	+00000			368160.000000	
		104717	CLCCK	REQUEST @	CLCKTASK		T1=02302	SECONDS RUNNING	368160.661173	5348
DISPLAYS =	63	06	62	+55606	-17X04	+00000			368161.000000	
		104717	CLCCK	REQUEST @	CLCKTASK		T1=02446	SECONDS RUNNING	368161.661173	0581
DISPLAYS =	63	06	62	+55606	-17X03	+00000			368162.000000	
		104717	CLCCK	REQUEST @	CLCKTASK		T1=02612	SECONDS RUNNING	368162.661186	6215
DISPLAYS =	63	06	62	+55606	-17X02	+00000			368163.000000	
		104717	CLCCK	REQUEST @	CLCKTASK		T1=02756	SECONDS RUNNING	368163.661173	1348
DISPLAYS =	63	06	62	+55606	-17X01	+00000			368164.000000	
		104717	CLCCK	REQUEST @	CLCKTASK		T1=02822	SECONDS RUNNING	368164.661173	6681



DISPLAYS = 53 0E 02 +55616 -16x46 +10000 468178.000000  
104717 CLCK REQUEST @ CLCKTASK T1=05712 SECONDS PUNNING 368178.661252 1354  
DISPLAYS = 63 0E 02 +55616 -16x46 +10000 368178.000000



104717	CLCK	REQUEST	@	CLCKTASK	T1=11646	SECONDS	RUNNING	36193.66120	1351
LMY99	AGC	001	NASA	2421112-001	NEW SIMULATION	MARSPOT	2414415	/EYLES	LRRADAR2.ENVCTRL 7/22/69 14:43 PAGE 64 /DUPLICATI LANDING LAST SNAP 368150
DISPLAYS =	63	06	62	+55606	-16X31	+00000			368196.00000
104717	CLCK	REQUEST	@	CLCKTASK	T1=11612	SECONDS	RUNNING	368196.661173	6681
DISPLAYS =	63	06	62	+55606	-16X30	+00000			368196.00000
104717	CLCK	REQUEST	@	CLCKTASK	T1=11156	SECONDS	RUNNING	368196.661186	2015
DISPLAYS =	63	06	62	+55606	-16X29	+00000			368196.00000
104717	CLCK	REQUEST	@	CLCKTASK	T1=11322	SECONDS	RUNNING	368196.661245	7355
DISPLAYS =	63	06	62	+55606	-16X28	+00000			368197.00000
104717	CLCK	REQUEST	@	CLCKTASK	T1=11466	SECONDS	RUNNING	368197.661186	2682
DISPLAYS =	63	06	62	+55606	-16X27	+00000			368198.00000
104717	CLCK	REQUEST	@	CLCKTASK	T1=11632	SECONDS	RUNNING	368198.661461	8039
DISPLAYS =	63	06	62	+55606	-16X26	+00000			368198.00000
104717	CLCK	REQUEST	@	CLCKTASK	T1=11776	SECONDS	RUNNING	368199.661173	3348
DISPLAYS =	63	06	62	+55606	-16X25	+00000			368200.00000
SNAPSHCT	368200			SECCNES	RUNNING	368200.00000			



LMY99	AGC	01	NASA 2021112-01	NEW SIMULATION	MARSROT 2 0414415 /FILES	LEFRADAP 2.0 FNVCNTPL 17/22/75 14:43	PAGE	65
						/DUPLICATE LAST	SNAP	368200
104717								
DISPLAYS =	63	06	62	+55606	-16X24	+00000		368210.00000
104717								
DISPLAYS =	63	06	62	+55606	-16X23	+00000		368212.00000
104717								
DISPLAYS =	63	06	62	+55606	-16X22	+00000		368213.00000
104717								
DISPLAYS =	63	06	62	+55606	-16X21	+00000		368214.00000
104717								
DISPLAYS =	63	06	62	+55606	-16X20	+00000		368215.00000
104717								
DISPLAYS =	63	06	62	+55606	-16X19	+00000		368216.00000
104717								
DISPLAYS =	63	06	62	+55606	-16X18	+00000		368217.00000
104717								
DISPLAYS =	63	06	62	+55606	-16X17	+00000		368218.00000
104717								
DISPLAYS =	63	06	62	+55606	-16X16	+00000		368219.00000
104717								
DISPLAYS =	63	06	62	+55606	-16X15	+00000		368211.00000
104717								
DISPLAYS =	63	06	62	+55606	-16X14	+00000		368211.00000
104717								
DISPLAYS =	63	06	62	+55606	-16X13	+00000		368212.00000
104717								
DISPLAYS =	63	06	62	+55606	-16X12	+00000		368213.00000
104717								
DISPLAYS =	63	06	62	+55606	-16X12	+00000		368213.00000
104717								
DISPLAYS =	63	06	62	+55606	-16X12	+00000		368213.00000
104717								
DISPLAYS =	63	06	62	+55606	-16X12	+00000		368213.00000

DISPLAYS =	63	06	62	+55606	-16X11	+00000			368214.000000
104717	CLCCK REQUEST @ CLCCKTASK					T1=14732	SECONDS RUNNING	368214.661173	3348
LMY99	AGC	001	NASA 2021112-	61	NEW SIMULATION	MARSKPT 21414415 /EYLES	LF RADAR 2. ENVCMTEL 17/27/67 14:43	PAGE 66	368220
							/DUPLICATE LANDING	LAST SNAP	368220
DISPLAYS =	63	06	62	+55606	-16X10	+00000			368215.000000
104717	CLCCK REQUEST @ CLCCKTASK					T1=15076	SECONDS RUNNING	368215.661186	8682
DISPLAYS =	63	06	62	+55606	-16X09	+00000			368216.000000
104717	CLCCK REQUEST @ CLCCKTASK					T1=15242	SECONDS RUNNING	368216.661160	4039
DISPLAYS =	63	06	62	+55606	-16X08	+00000			368217.000000
104717	CLCCK REQUEST @ CLCCKTASK					T1=15406	SECONDS RUNNING	368217.661226	9352
DISPLAYS =	63	06	62	+55606	-16X07	+00000			368218.000000
104717	CLCCK REQUEST @ CLCCKTASK					T1=15552	SECONDS RUNNING	368218.661161	4706
DISPLAYS =	63	06	62	+55606	-16X06	+00000			368219.000000
104717	CLCCK REQUEST @ CLCCKTASK					T1=15716	SECONDS RUNNING	368219.661186	115
DISPLAYS =	63	06	62	+55606	-16X05	+00000			368220.000000
104717	CLCCK REQUEST @ CLCCKTASK					T1=16062	SECONDS RUNNING	368220.661236	5353
DISPLAYS =	63	06	62	+55606	-16X04	+00000			368221.000000
104717	CLCCK REQUEST @ CLCCKTASK					T1=16226	SECONDS RUNNING	368221.661186	692
DISPLAYS =	63	06	62	+55606	-16X03	+00000			368222.000000
104717	CLCCK REQUEST @ CLCCKTASK					T1=16372	SECONDS RUNNING	368222.661436	6037
DISPLAYS =	63	06	62	+55606	-16X02	+00000			368223.000000
104717	CLCCK REQUEST @ CLCCKTASK					T1=16536	SECONDS RUNNING	368223.661213	1351
DISPLAYS =	63	06	62	+55606	-16X01	+00000			368224.000000
104717	CLCCK REQUEST @ CLCCKTASK					T1=16702	SECONDS RUNNING	368224.661448	6704
DISPLAYS =	63	06	62	+55606	-16X00	+00000			368225.000000
104717	CLCCK REQUEST @ CLCCKTASK					T1=17046	SECONDS RUNNING	368225.661177	2114
DISPLAYS =	63	06	62	+55606	-15X59	+00000			368226.000000
104717	CLCCK REQUEST @ CLCCKTASK					T1=17212	SECONDS RUNNING	368226.661186	7349
DISPLAYS =	63	06	62	+55606	-15X58	+00000			368227.000000
104717	CLCCK REQUEST @ CLCCKTASK					T1=17356	SECONDS RUNNING	368227.661173	2691
DISPLAYS =	63	06	62	+55606	-15X57	+00000			368228.000000
104717	CLCCK REQUEST @ CLCCKTASK					T1=17522	SECONDS RUNNING	368228.661448	6038
DISPLAYS =	63	06	62	+55606	-15X56	+00000			368229.000000

LMY99	AGC	J01	NASA 2021112-001 NEW SIMULATION	MARSHUT 2001-15 ZEYLES	LEFT ADAR20 FMCNTTL 07/27/00 14:45	PLCP	67
					/DUPLICATE LABELS	LAST SNAP	00200
104717			CLCK REQUEST @ CLCKTASK	T1=1766	SECONDS RUNNING	368229.661186	8746
DISPLAYS =	63	06	62 +556.6 -15X56 +00000				368230.000000
104717			CLCK REQUEST @ CLCKTASK	T1=20132	SECONDS RUNNING	368230.661448	8704
DISPLAYS =	63	06	62 +556.6 -15X54 +00000				368231.000000
104717			CLCK REQUEST @ CLCKTASK	T1=20176	SECONDS RUNNING	368231.661173	4014
DISPLAYS =	63	06	62 +556.6 -15X53 +00000				368232.000000
104717			CLCK REQUEST @ CLCKTASK	T1=20242	SECONDS RUNNING	368232.661136	9340
DISPLAYS =	63	06	62 +556.6 -15X52 +00000				368233.000000
104717			CLCK REQUEST @ CLCKTASK	T1=20506	SECONDS RUNNING	368232.661186	4682
DISPLAYS =	63	06	62 +556.6 -15X51 +00000				368234.000000
104717			CLCK REQUEST @ CLCKTASK	T1=20652	SECONDS RUNNING	368234.661461	6329
DISPLAYS =	63	06	62 +556.6 -15X50 +00000				368235.000000
104717			CLCK REQUEST @ CLCKTASK	T1=21016	SECONDS RUNNING	368235.661213	5351
DISPLAYS =	63	06	62 +556.6 -15X49 +00000				368236.000000
104717			CLCK REQUEST @ CLCKTASK	T1=21162	SECONDS RUNNING	368235.661448	7704
DISPLAYS =	63	06	62 +556.6 -15X48 +00000				368237.000000
104717			CLCK REQUEST @ CLCKTASK	T1=21326	SECONDS RUNNING	368237.661173	6014
DISPLAYS =	63	06	62 +556.6 -15X47 +00000				368238.000000
104717			CLCK REQUEST @ CLCKTASK	T1=21472	SECONDS RUNNING	368237.661173	1348
DISPLAYS =	63	06	62 +556.6 -15X46 +00000				368239.000000
104717			CLCK REQUEST @ CLCKTASK	T1=21636	SECONDS RUNNING	368239.661173	6691
DISPLAYS =	63	06	62 +556.6 -15X45 +00000				368240.000000
104717			CLCK REQUEST @ CLCKTASK	T1=22002	SECONDS RUNNING	368241.661186	2015
DISPLAYS =	63	06	62 +556.6 -15X44 +00000				368241.000000
104717			CLCK REQUEST @ CLCKTASK	T1=22146	SECONDS RUNNING	368241.661226	7352
DISPLAYS =	63	06	62 +556.6 -15X43 +00000				368242.000000
104717			CLCK REQUEST @ CLCKTASK	T1=22312	SECONDS RUNNING	368242.661173	2681
DISPLAYS =	63	06	62 +556.6 -15X42 +00000				368243.000000

104717

CLCK REQUEST @ CLCKTASK

T1=22456

SECONDS RUNNING

368246.661173

3018

LMY99	AGC	001	NASA 2	21112-061	NEW SIMULATION	MARSKOT 2	414415 /EYLES	LRPADAP2,EMVNTPL	7/25/60	14:43	PAGE	68
												368200
DISPLAYS =	63	06	62		+55616	-15X41	+10000					368244.000000
104717	CLCK	REQUEST	@	CLCKTASK			T1=22622	SECONDS	RUNNING	368244.661173		3349
DISPLAYS =	63	06	62		+55616	-15X41	+10000					368245.000000
104717	CLCK	REQUEST	@	CLCKTASK			T1=22766	SECONDS	RUNNING	368245.661173		8681
DISPLAYS =	63	06	62		+55616	-15X39	+10000					368246.000000
104717	CLCK	REQUEST	@	CLCKTASK			T1=23132	SECONDS	RUNNING	368246.661174		4114
DISPLAYS =	63	06	62		+55616	-15X38	+10000					368247.000000
104717	CLCK	REQUEST	@	CLCKTASK			T1=23276	SECONDS	RUNNING	368247.661213		9351
DISPLAYS =	63	06	62		+55606	-15X37	+10000					368248.000000
104717	CLCK	REQUEST	@	CLCKTASK			T1=23442	SECONDS	RUNNING	368248.661173		4691
DISPLAYS =	63	06	62		+55606	-15X36	+10000					368249.000000
104717	CLCK	REQUEST	@	CLCKTASK			T1=23616	SECONDS	RUNNING	368249.661173		1014
DISPLAYS =	63	06	62		+55606	-15X35	+10000					368250.000000
SNAPSHOT	368250						SECONDS	RUNNING	368250.000039			

LMY99	AGC	011	NASA 2	21112-061	NEW SIMULATION	MARKSPOT 20414415	BYTES	LEADAR 2.0	ENVCTRL 1770	FILE 14:43	PAGE 69
								/DUPLICATE	LANDING	LAST	SNAP 368259
104717					CLOCK REQUEST @	CLOCKTASK	T1=23752	SECONDS	RUNNING	368259.661173	5348
DISPLAYS =	63	06	62		+55606	-15X34	+00000				368259.000000
104717					CLOCK REQUEST @	CLOCKTASK	T1=24116	SECONDS	RUNNING	368259.661185	682
DISPLAYS =	63	06	62		+55606	-15X33	+00000				368259.000000
104717					CLOCK REQUEST @	CLOCKTASK	T1=24262	SECONDS	RUNNING	368259.661173	6014
DISPLAYS =	63	06	62		+55606	-15X32	+00000				368259.000000
104717					CLOCK REQUEST @	CLOCKTASK	T1=24426	SECONDS	RUNNING	368259.661226	1352
DISPLAYS =	63	06	62		+55606	-15X31	+00000				368259.000000
104717					CLOCK REQUEST @	CLOCKTASK	T1=24572	SECONDS	RUNNING	368259.661173	6681
DISPLAYS =	63	06	62		+55606	-15X30	+00000				368259.000000
104717					CLOCK REQUEST @	CLOCKTASK	T1=24736	SECONDS	RUNNING	368259.661173	2014
DISPLAYS =	63	06	62		+55606	-15X29	+00000				368259.000000
104717					CLOCK REQUEST @	CLOCKTASK	T1=25102	SECONDS	RUNNING	368259.661173	7348
DISPLAYS =	63	06	62		+55606	-15X28	+00000				368259.000000
104717					CLOCK REQUEST @	CLOCKTASK	T1=25246	SECONDS	RUNNING	368259.661173	2681
DISPLAYS =	63	06	62		+55606	-15X27	+00000				368259.000000
104717					CLOCK REQUEST @	CLOCKTASK	T1=25412	SECONDS	RUNNING	368259.661173	8014
DISPLAYS =	63	06	62		+55606	-15X26	+00000				368259.000000
104717					CLOCK REQUEST @	CLOCKTASK	T1=25556	SECONDS	RUNNING	368259.661173	3348
DISPLAYS =	63	06	62		+55606	-15X25	+00000				368259.000000
104717					CLOCK REQUEST @	CLOCKTASK	T1=25722	SECONDS	RUNNING	368259.661173	8681
DISPLAYS =	63	06	62		+55606	-15X24	+00000				368259.000000
104717					CLOCK REQUEST @	CLOCKTASK	T1=25966	SECONDS	RUNNING	368259.661173	4014
DISPLAYS =	63	06	62		+55606	-15X23	+00000				368259.000000
104717					CLOCK REQUEST @	CLOCKTASK	T1=26232	SECONDS	RUNNING	368259.661173	9348
DISPLAYS =	63	06	62		+55606	-15X22	+00000				368259.000000
104717					CLOCK REQUEST @	CLOCKTASK	T1=26376	SECONDS	RUNNING	368259.661166	4682



LMY99	AGC	0-1	NASA 27-11112-001	NEW SIMULATION	MARSKOT 27414415	BYTES	LRRADAR2, ENVIRONMENTAL 7/23/79 141	RAID	71		
							/DUPLICATE LABELING	LAST	SMAR	208250	
104717				CLOCK REQUEST @	CLOCKTASK	T1=31476		SECONDS	RUNNING	368272.661213	13
DISPLAYS =	63	06	62		+55606 -15X5 +00000					368280.000000	
104717				CLOCK REQUEST @	CLOCKTASK	T1=31642		SECONDS	RUNNING	368280.661186	5349
DISPLAYS =	63	06	62		+55606 -15X04 +00000					368281.000000	
104717				CLOCK REQUEST @	CLOCKTASK	T1=32106		SECONDS	RUNNING	368281.661213	684
DISPLAYS =	63	06	62		+55606 -15X02 +00000					368282.000000	
104717				CLOCK REQUEST @	CLOCKTASK	T1=32152		SECONDS	RUNNING	368282.661173	6714
DISPLAYS =	63	06	62		+55606 -15X02 +00000					368283.000000	
104717				CLOCK REQUEST @	CLOCKTASK	T1=32216		SECONDS	RUNNING	368283.661173	7348
DISPLAYS =	63	06	62		+55606 -15X01 +00000					368284.000000	
104717				CLOCK REQUEST @	CLOCKTASK	T1=32462		SECONDS	RUNNING	368284.661173	6681
DISPLAYS =	63	06	62		+55606 -15X00 +00000					368285.000000	
104717				CLOCK REQUEST @	CLOCKTASK	T1=32626		SECONDS	RUNNING	368285.661213	2118
DISPLAYS =	63	06	62		+55606 -14X59 +00000					368286.000000	
104717				CLOCK REQUEST @	CLOCKTASK	T1=32772		SECONDS	RUNNING	368286.661226	7352
DISPLAYS =	63	06	62		+55606 -14X58 +00000					368287.000000	
104717				CLOCK REQUEST @	CLOCKTASK	T1=33136		SECONDS	RUNNING	368287.661213	2484
DISPLAYS =	63	06	62		+55606 -14X57 +00000					368288.000000	
104717				CLOCK REQUEST @	CLOCKTASK	T1=33302		SECONDS	RUNNING	368288.661186	8115
DISPLAYS =	63	06	62		+55606 -14X56 +00000					368289.000000	
104717				CLOCK REQUEST @	CLOCKTASK	T1=33446		SECONDS	RUNNING	368289.661226	3352
DISPLAYS =	63	06	62		+55606 -14X55 +00000					368290.000000	
104717				CLOCK REQUEST @	CLOCKTASK	T1=33612		SECONDS	RUNNING	368290.661173	8681
DISPLAYS =	63	06	62		+55606 -14X54 +00000					368291.000000	
104717				CLOCK REQUEST @	CLOCKTASK	T1=33756		SECONDS	RUNNING	368291.661173	4714
DISPLAYS =	63	06	62		+55606 -14X53 +00000					368292.000000	
104717				CLOCK REQUEST @	CLOCKTASK	T1=34122		SECONDS	RUNNING	368292.661173	9348

DISPLAYS =	63	16	62	+55616	-14X52	+10000				368293.0000		
104717	CLCK	REQUEST	@	CLCKTASK			T1=34266	SECONDS	RUNNING	368294.661213	4594	
LMY99	AGC	001	NASA	2021112-161	NEW SIMULATION	MARSFOT	20414415	/FYLES	LRPACAR2.ENVCHTL	17/23/68	14:43	PAGE 72
									/DUPLICATE LANDING	LAST	SNAP	368250
DISPLAYS =	63	16	62	+55616	-14X51	+10000				368294.00000		
104717	CLCK	REQUEST	@	CLCKTASK			T1=34432	SECONDS	RUNNING	368294.661186	6015	
DISPLAYS =	63	16	62	+55616	-14X50	+10000				368295.00000		
104717	CLCK	REQUEST	@	CLCKTASK			T1=34576	SECONDS	RUNNING	368295.661265	5355	
DISPLAYS =	63	16	62	+55616	-14X49	+10000				368296.00000		
104717	CLCK	REQUEST	@	CLCKTASK			T1=34742	SECONDS	RUNNING	368296.661173	4681	
DISPLAYS =	63	16	62	+55616	-14X48	+10000				368297.00000		
104717	CLCK	REQUEST	@	CLCKTASK			T1=35106	SECONDS	RUNNING	368297.661173	6114	
DISPLAYS =	63	16	62	+55616	-14X47	+10000				368298.00000		
104717	CLCK	REQUEST	@	CLCKTASK			T1=35252	SECONDS	RUNNING	368298.661199	1351	
DISPLAYS =	63	16	62	+55616	-14X46	+10000				368299.00000		
104717	CLCK	REQUEST	@	CLCKTASK			T1=35416	SECONDS	RUNNING	368299.661213	6684	
DISPLAYS =	63	16	62	+55616	-14X45	+10000				368300.00000		
SNAPSHCT	368300			SECONDS	RUNNING		368300.00000					



LMY99	AGC	JUL	NASA 2121112-161	NFW SIMULATION	MARS OT 21414415	Z/EYLES	LPRADAR2, ENVCMTEL 7/27/68 14:42	PAGE 73	
							/DUPLICATE LANDING	LAST SNAP 368300	
104717	CLCK	REQUEST	@	CLOKTASK	T1=35562	SECONDS	RUNNING	368306.661173	7314
DISPLAYS =	63	76	62	+55616 -14X44	+00000				368310.000000
104717	CLCK	REQUEST	@	CLOKTASK	T1=35726	SECONDS	RUNNING	368311.6611291	7358
DISPLAYS =	63	76	62	+55606 -14X43	+00000				368312.000000
104717	CLCK	REQUEST	@	CLGKTASK	T1=36-72	SECONDS	RUNNING	368312.661252	2688
DISPLAYS =	63	76	62	+55606 -14X42	+00000				368313.000000
104717	CLOCK	REQUEST	@	CLCKTASK	T1=36236	SECONDS	RUNNING	368313.661173	8714
DISPLAYS =	63	76	62	+55616 -14X41	+00000				368314.000000
104717	CLCK	REQUEST	@	CLCKTASK	T1=36402	SECONDS	RUNNING	368314.661186	3349
DISPLAYS =	63	76	62	+55616 -14X40	+00000				368315.000000
104717	CLCK	REQUEST	@	CLCKTASK	T1=36546	SECONDS	RUNNING	368315.661186	8682
DISPLAYS =	63	76	62	+55616 -14X39	+00000				368316.000000
104717	CLCK	REQUEST	@	CLOKTASK	T1=36712	SECONDS	RUNNING	368316.661173	4714
DISPLAYS =	63	76	62	+55616 -14X38	+00000				368317.000000
104717	CLCK	REQUEST	@	CLCKTASK	T1=37-56	SECONDS	RUNNING	368317.661173	9348
DISPLAYS =	63	76	62	+55616 -14X37	+00000				368318.000000
104717	CLCK	REQUEST	@	CLCKTASK	T1=37222	SECONDS	RUNNING	368318.661173	4681
DISPLAYS =	63	76	62	+55606 -14X36	+00000				368319.000000
104717	CLCK	REQUEST	@	CLCKTASK	T1=37366	SECONDS	RUNNING	368319.661173	1114
DISPLAYS =	63	76	62	+55616 -14X35	+00000				368320.000000
104717	CLCK	REQUEST	@	CLCKTASK	T1=37532	SECONDS	RUNNING	368320.661186	5349
DISPLAYS =	63	76	62	+55616 -14X34	+00000				368321.000000
104717	CLCK	REQUEST	@	CLOKTASK	T1=37676	SECONDS	RUNNING	368321.661186	11682
DISPLAYS =	63	76	62	+55616 -14X33	+00000				368322.000000
104717	CLCK	REQUEST	@	CLOKTASK	T1=37842	SECONDS	RUNNING	368322.661173	6114
DISPLAYS =	63	76	62	+55616 -14X32	+00000				368323.000000
104717	CLCK	REQUEST	@	CLCKTASK	T1=37926	SECONDS	RUNNING	368323.661186	1353

DISPLAYS =	63	06	62	+55606	-14X31	+00000			368314.000000
104717	CLOCK REQUEST @	CLOCKTASK					T1=01352	SECONDS RUNNING	368314.661173
LMY99	AGC	01	NASA 2021112-061	NEW SIMULATION	MARSPT 2	414415 /FYLF5		LPPADAR2.0.FVNCNTEL 17/27/90 14:43	PAGE 74
								/DUPLICATE LANDING	LAST SNAP 368300
DISPLAYS =	63	06	62	+55606	-14X30	+00000			368315.000000
104717	CLOCK REQUEST @	CLOCKTASK					T1=01316	SECONDS RUNNING	368315.661186
DISPLAYS =	63	06	62	+55606	-14X29	+00000			368316.000000
104717	CLOCK REQUEST @	CLOCKTASK					T1=00662	SECONDS RUNNING	368316.661186
DISPLAYS =	63	06	62	+55606	-14X28	+00000			368317.000000
104717	CLOCK REQUEST @	CLOCKTASK					T1=01026	SECONDS RUNNING	368317.661186
DISPLAYS =	63	06	62	+55606	-14X27	+00000			368318.000000
104717	CLOCK REQUEST @	CLOCKTASK					T1=01172	SECONDS RUNNING	368318.661173
DISPLAYS =	63	06	62	+55606	-14X26	+00000			368319.000000
104717	CLOCK REQUEST @	CLOCKTASK					T1=01336	SECONDS RUNNING	368319.661173
DISPLAYS =	63	06	62	+55606	-14X25	+00000			368320.000000
104717	CLOCK REQUEST @	CLOCKTASK					T1=01502	SECONDS RUNNING	368320.661173
DISPLAYS =	63	06	62	+55606	-14X24	+00000			368321.000000
104717	CLOCK REQUEST @	CLOCKTASK					T1=01646	SECONDS RUNNING	368321.661186
DISPLAYS =	63	06	62	+55606	-14X23	+00000			368322.000000
104717	CLOCK REQUEST @	CLOCKTASK					T1=01202	SECONDS RUNNING	368322.661186
DISPLAYS =	63	06	62	+55606	-14X22	+00000			368323.000000
104717	CLOCK REQUEST @	CLOCKTASK					T1=01156	SECONDS RUNNING	368323.661186
DISPLAYS =	63	06	62	+55606	-14X21	+00000			368324.000000
104717	CLOCK REQUEST @	CLOCKTASK					T1=01232	SECONDS RUNNING	368324.661173
DISPLAYS =	63	06	62	+55606	-14X20	+00000			368325.000000
104717	CLOCK REQUEST @	CLOCKTASK					T1=02466	SECONDS RUNNING	368325.661239
DISPLAYS =	63	06	62	+55606	-14X19	+00000			368326.000000
104717	CLOCK REQUEST @	CLOCKTASK					T1=02632	SECONDS RUNNING	368326.661186
DISPLAYS =	63	06	62	+55606	-14X18	+00000			368327.000000
104717	CLOCK REQUEST @	CLOCKTASK					T1=02776	SECONDS RUNNING	368327.661186
DISPLAYS =	63	06	62	+55606	-14X17	+00000			368328.000000
104717	CLOCK REQUEST @	CLOCKTASK					T1=02142	SECONDS RUNNING	368328.661186
DISPLAYS =	63	06	62	+55606	-14X16	+00000			368329.000000

DISPLAYS =	63	06	62	+55606	-14x17	+00000	T1=02142	SECONDS RUNNING	368320.661186	1349
104717	CLCK	REQUEST @	CLCKTASK							
DISPLAYS =	63	06	62	+55606	-14x16	+00000				368320.00000
LMY99	AGC	001	NASA 2021112-001	NEW SIMULATION	MARKROT 20414415	/FILES	LRRADAR20	FMVCNTFL 7/13/69	14:49	PAGE 75
									/DUPLICATE LANDING	LAST SNAP 368300
104717	CLCK	REQUEST @	CLCKTASK				T1=03306	SECONDS RUNNING	368320.661186	6432
DISPLAYS =	63	06	62	+55606	-14x15	+00000				368320.00000
104717	CLCK	REQUEST @	CLCKTASK				T1=03452	SECONDS RUNNING	368320.661173	2014
DISPLAYS =	63	06	62	+55606	-14x14	+00000				368331.00000
104717	CLCK	REQUEST @	CLCKTASK				T1=03616	SECONDS RUNNING	368321.661173	7348
DISPLAYS =	63	06	62	+55606	-14x13	+00000				368332.00000
104717	CLCK	REQUEST @	CLCKTASK				T1=03762	SECONDS RUNNING	368322.661173	2681
DISPLAYS =	63	06	62	+55606	-14x12	+00000				368333.00000
104717	CLCK	REQUEST @	CLCKTASK				T1=04126	SECONDS RUNNING	368323.661186	8015
DISPLAYS =	63	06	62	+55606	-14x11	+00000				368334.00000
104717	CLCK	REQUEST @	CLCKTASK				T1=04272	SECONDS RUNNING	368324.661186	3349
DISPLAYS =	63	06	62	+55606	-14x10	+00000				368335.00000
104717	CLCK	REQUEST @	CLCKTASK				T1=04436	SECONDS RUNNING	368325.661173	8691
DISPLAYS =	63	06	62	+55606	-14x09	+00000				368336.00000
104717	CLCK	REQUEST @	CLCKTASK				T1=04602	SECONDS RUNNING	368326.661213	4018
DISPLAYS =	63	06	62	+55606	-14x08	+00000				368337.00000
104717	CLCK	REQUEST @	CLCKTASK				T1=04746	SECONDS RUNNING	368327.661259	9353
DISPLAYS =	63	06	62	+55606	-14x07	+00000				368338.00000
104717	CLCK	REQUEST @	CLCKTASK				T1=04912	SECONDS RUNNING	368328.661213	4684
DISPLAYS =	63	06	62	+55606	-14x06	+00000				368329.00000
104717	CLCK	REQUEST @	CLCKTASK				T1=05256	SECONDS RUNNING	368329.661259	1020
DISPLAYS =	63	06	62	+55606	-14x05	+00000				368340.00000
104717	CLCK	REQUEST @	CLCKTASK				T1=05422	SECONDS RUNNING	368320.661186	5349
DISPLAYS =	63	06	62	+55606	-14x04	+00000				368341.00000
104717	CLCK	REQUEST @	CLCKTASK				T1=05566	SECONDS RUNNING	368321.661239	10497
DISPLAYS =	63	06	62	+55606	-14x03	+00000				368342.00000
104717	CLCK	REQUEST @	CLCKTASK				T1=05732	SECONDS RUNNING	368321.661213	6000

DISPLAYS =	63	06	62	+55606	-14X01	+00000					368348.000000
104717	CLCCK REQUEST @ CLCKTASK						T1=0676	SECONDS RUNNING	368348.661186		1340
LMY99	AGC	001	NASA 2021112-01	NEW SIMULATION	MARSROT 2:414415	/EYLES		LRPADAR2.EMVCONTPL	17/23/69	14:43	PAGE 76
								/DUPLICATE LANDING		LAST SNAP	368300
DISPLAYS =	63	06	62	+55606	-14X01	+00000					368348.000000
104717	CLCCK REQUEST @ CLCKTASK						T1=06242	SECONDS RUNNING	368348.661213		6894
DISPLAYS =	63	06	62	+55606	-14X00	+00000					368348.000000
104717	CLCCK REQUEST @ CLCKTASK						T1=06406	SECONDS RUNNING	368348.661173		2014
DISPLAYS =	63	06	62	+55606	-13X59	+00000					368348.000000
104717	CLCCK REQUEST @ CLCKTASK						T1=06552	SECONDS RUNNING	368348.661173		7348
DISPLAYS =	63	06	62	+55606	-13X58	+00000					368347.000000
104717	CLCCK REQUEST @ CLCKTASK						T1=06716	SECONDS RUNNING	368347.661173		2681
DISPLAYS =	63	06	62	+55606	-13X57	+00000					368348.000000
104717	CLCCK REQUEST @ CLCKTASK						T1=07062	SECONDS RUNNING	368348.661226		8719
DISPLAYS =	63	06	62	+55606	-13X56	+00000					368348.000000
104717	CLCCK REQUEST @ CLCKTASK						T1=07226	SECONDS RUNNING	368349.661239		3353
DISPLAYS =	63	06	62	+55606	-13X55	+00000					368351.000000
SNAPSHOT	368351							SECONDS RUNNING	368350.000000		

LMY99	AGC	001	NASA 2021112-161	NEW SIMULATION	MARSHOT 20414415 /EYLES	LRPAPAR20EMVC:TPL 7/2-7/2	44-33	PAGE	77		
									DUPLICATE LANDING	LAST SNAP	368350
	104717	CLCCK	REQUEST @	CLCKTASK	T1=117372	SECONDS	RUNNING	368350.661226	8695		
DISPLAYS =	63	06	62	+5560	-13X54	+10000		368351.000000			
	104717	CLCCK	REQUEST @	CLCKTASK	T1=117536	SECONDS	RUNNING	368350.661186	4115		
DISPLAYS =	63	06	62	+5566	-13X53	+10000		368350.000000			
	104717	CLCCK	REQUEST @	CLCKTASK	T1=117712	SECONDS	RUNNING	368350.661173	9349		
DISPLAYS =	63	06	62	+55676	-13X52	+10000		368353.000000			
	104717	CLCCK	REQUEST @	CLCKTASK	T1=117846	SECONDS	RUNNING	368350.661173	4691		
DISPLAYS =	63	06	62	+55666	-13X51	+10000		368354.000000			
	104717	CLCCK	REQUEST @	CLCKTASK	T1=117912	SECONDS	RUNNING	368350.661226	9110		
DISPLAYS =	63	06	62	+55675	-13X50	+10000		368355.000000			
	104717	CLCCK	REQUFST @	CLOKTASK	T1=118056	SECONDS	RUNNING	368350.661186	5749		
DISPLAYS =	63	06	62	+55676	-13X49	+10000		368356.000000			
	104717	CLCCK	REQUEST @	CLCKTASK	T1=118222	SECONDS	RUNNING	368350.661173	0691		
DISPLAYS =	63	06	62	+55666	-13X48	+10000		368357.000000			
	104717	CLCCK	REQUEST @	CLCKTASK	T1=118666	SECONDS	RUNNING	368357.661239	6128		
DISPLAYS =	63	06	62	+55676	-13X47	+10000		368358.000000			
	104717	CLCCK	REQUEST @	CLCKTASK	T1=118932	SECONDS	RUNNING	368358.661186	1349		
DISPLAYS =	63	06	62	+55676	-13X46	+10000		368359.000000			
	104717	CLCCK	REQUEST @	CLCKTASK	T1=119176	SECONDS	RUNNING	368359.661239	6587		
DISPLAYS =	63	06	62	+55676	-13X45	+10000		368360.000000			
	104717	CLCCK	REQUEST @	CLCKTASK	T1=119342	SECONDS	RUNNING	368360.661226	2019		
DISPLAYS =	63	06	62	+55676	-13X44	+10000		368361.000000			
	104717	CLCCK	REQUEST @	CLCKTASK	T1=119576	SECONDS	RUNNING	368361.661200	7351		
DISPLAYS =	63	06	62	+55676	-13X43	+10000		368362.000000			
	104717	CLCCK	REQUFST @	CLOKTASK	T1=119652	SECONDS	RUNNING	368361.661186	2682		
DISPLAYS =	63	06	62	+55676	-13X42	+10000		368363.000000			
	104717	CLCCK	REQUFST @	CLOKTASK	T1=120116	SECONDS	RUNNING	368363.661173	8117		

DISPLAYS =	63	06	62	+55606	-13X41	+00000	T1=12162	SECONDS RUNNING	368364.000000	3352
104717	CLCCK	REQUEST	@	CLCKT	ASK					
LPPAPAR2 ENVNTEL 7/23/69 14:43 PAGE 78 /DUPLICATE LANDING LAST SNAP 368350										
DISPLAYS =	63	06	62	+55606	-13X40	+00000	T1=12326	SECONDS RUNNING	368365.000000	8683
104717	CLCCK	REQUEST	@	CLCKT	ASK					
DISPLAYS =	63	06	62	+55606	-13X39	+00000	T1=12477	SECONDS RUNNING	368366.000000	4114
104717	CLCCK	REQUEST	@	CLCKT	ASK					
DISPLAYS =	63	06	62	+55606	-13X38	+00000	T1=12636	SECONDS RUNNING	368367.000000	9355
104717	CLCCK	REQUEST	@	CLCKT	ASK					
DISPLAYS =	63	06	62	+55606	-13X37	+00000	T1=13022	SECONDS RUNNING	368368.000000	4682
104717	CLCCK	REQUEST	@	CLCKT	ASK					
DISPLAYS =	63	06	62	+55606	-13X36	+00000	T1=13146	SECONDS RUNNING	368369.000000	0018
104717	CLCCK	REQUEST	@	CLCKT	ASK					
DISPLAYS =	63	06	62	+55606	-13X35	+00000	T1=13212	SECONDS RUNNING	368370.000000	5349
104717	CLCCK	REQUEST	@	CLCKT	ASK					
DISPLAYS =	63	06	62	+55606	-13X34	+00000	T1=13456	SECONDS RUNNING	368371.000000	06p2
104717	CLCCK	REQUEST	@	CLCKT	ASK					
DISPLAYS =	63	06	62	+55606	-13X33	+00000	T1=13622	SECONDS RUNNING	368372.000000	6115
104717	CLCCK	REQUEST	@	CLCKT	ASK					
DISPLAYS =	63	06	62	+55606	-13X32	+00000	T1=13766	SECONDS RUNNING	368373.000000	1355
104717	CLCCK	REQUEST	@	CLCKT	ASK					
DISPLAYS =	63	06	62	+55606	-13X31	+00000	T1=14132	SECONDS RUNNING	368374.000000	6581
104717	CLCCK	REQUEST	@	CLCKT	ASK					
DISPLAYS =	63	06	62	+55606	-13X30	+00000	T1=14276	SECONDS RUNNING	368375.000000	2014
104717	CLCCK	REQUEST	@	CLCKT	ASK					
DISPLAYS =	63	06	62	+55606	-13X29	+00000	T1=14442	SECONDS RUNNING	368376.000000	7351
104717	CLCCK	REQUEST	@	CLCKT	ASK					
DISPLAYS =	63	06	62	+55606	-13X28	+00000	T1=14616	SECONDS RUNNING	368377.000000	2681
104717	CLCCK	REQUEST	@	CLCKT	ASK					
DISPLAYS =	63	06	62	+55606	-13X27	+00000	T1=14752	SECONDS RUNNING	368378.000000	8114
104717	CLCCK	REQUEST	@	CLCKT	ASK					
DISPLAYS =	63	06	62	+55606	-13X25	+00000			368379.000000	

LMY99	AGC	01	NASA 2021112-01 New SIMULATION	MARSROT	414415 VEYLES	LPRACAP2 ENVIRONMENT 7/21/77 14:45	PAGE 79
						DUPLICATE LANGUAGE LAST SNAP	368350
104717			CLOCK REQUEST @ CLCKTASK		T1=15116	SECONDS RUNNING	368375.661252 3354
DISPLAYS =	63	06	62	+55606 -13X25 +00000			368380.000000
104717			CLOCK REQUEST @ CLCKTASK		T1=15262	SECONDS RUNNING	368383.661173 8681
DISPLAYS =	63	06	62	+55606 -13X24 +00000			368381.000000
104717			CLOCK REQUEST @ CLCKTASK		T1=15426	SECONDS RUNNING	368381.661200 4017
DISPLAYS =	63	06	62	+55606 -13X23 +00000			368382.000000
104717			CLOCK REQUEST @ CLCKTASK		T1=15572	SECONDS RUNNING	368382.661173 9348
DISPLAYS =	63	06	62	+55606 -13X22 +00000			368383.000000
104717			CLOCK REQUEST @ CLCKTASK		T1=15736	SECONDS RUNNING	368384.661238 4687
DISPLAYS =	63	06	62	+55606 -13X21 +00000			368384.000000
104717			CLOCK REQUEST @ CLCKTASK		T1=16172	SECONDS RUNNING	368384.661200 0117
DISPLAYS =	63	06	62	+55606 -13X20 +00000			368385.000000
104717			CLOCK REQUEST @ CLCKTASK		T1=16246	SECONDS RUNNING	368385.661200 5358
DISPLAYS =	63	06	62	+55606 -13X19 +00000			368386.000000
104717			CLOCK REQUEST @ CLCKTASK		T1=16412	SECONDS RUNNING	368387.661200 0583
DISPLAYS =	63	06	62	+55606 -13X18 +00000			368387.000000
104717			CLOCK REQUEST @ CLCKTASK		T1=16554	SECONDS RUNNING	368387.661239 6720
DISPLAYS =	63	06	62	+55606 -13X17 +00000			368388.000000
104717			CLOCK REQUEST @ CLCKTASK		T1=16722	SECONDS RUNNING	368388.661239 1353
DISPLAYS =	63	06	62	+55606 -13X16 +00000			368389.000000
104717			CLOCK REQUEST @ CLCKTASK		T1=17066	SECONDS RUNNING	368389.661213 6634
DISPLAYS =	63	06	62	+55606 -13X15 +00000			368390.000000
104717			CLOCK REQUEST @ CLCKTASK		T1=17232	SECONDS RUNNING	368389.661186 2015
DISPLAYS =	63	06	62	+55606 -13X14 +00000			368390.000000
104717			CLOCK REQUEST @ CLCKTASK		T1=17376	SECONDS RUNNING	368391.661229 7353
DISPLAYS =	63	06	62	+55606 -13X13 +00000			368392.000000
104717			CLOCK REQUEST @ CLCKTASK		T1=17542	SECONDS RUNNING	368392.661186 2682
DISPLAYS =	63	06	62	+55606 -13X12 +00000			368393.000000

104717

CLOCK REQUEST @ CLCKTASK

T1=177.6

SECONDS RUNNING

368363.661225

819

LMY99	AGC	1	NASA	2021112-	61	NEW SIMULATION	MARSFOT 2,414415 /EYLES	LRPADAR2,ENVCONTPL 7/27/79	14:43	PAGE	80
								/DUPLICATE LANDING	LAST	SNAP	368350
DISPLAYS =	63	06	62	+55606	-13X11	+00000				368394.00000	
104717				CLOCK REQUEST @		CLCKTASK		T1=20052	SECONDS RUNNING	368394.661186	3349
DISPLAYS =	63	06	62	+55606	-13X11	+00000				368395.00000	
104717				CLOCK REQUEST @		CLCKTASK		T1=20216	SECONDS RUNNING	368395.661213	8694
DISPLAYS =	63	06	62	+55606	-13X19	+00000				368396.00000	
104717				CLOCK REQUEST @		CLCKTASK		T1=20362	SECONDS RUNNING	368396.661186	4115
DISPLAYS =	63	06	62	+55606	-13X18	+00000				368397.00000	
104717				CLOCK REQUEST @		CLCKTASK		T1=20520	SECONDS RUNNING	368397.661291	9358
DISPLAYS =	63	06	62	+55606	-13X17	+00000				368398.00000	
104717				CLOCK REQUEST @		CLCKTASK		T1=20672	SECONDS RUNNING	368398.661186	4682
DISPLAYS =	63	06	62	+55606	-13X06	+00000				368399.00000	
104717				CLOCK REQUEST @		CLCKTASK		T1=21036	SECONDS RUNNING	368399.661213	0019
DISPLAYS = \	63	06	62	+55606	-13X15	+00000				368400.00000	
SNAPSHCT	368400			SECONDS PLANING		368400.000039					



LMY99	AGC	UNIT	NASA 2 21112- 61 NEW SIMULATION	MARKSROT 2 414415 /FYLES	LRPADAR2, ENVCHTPI 7/11/77 14:41	PAGE 81
					/DUPLICATE LANDING	LAST SNAP 8400
104717			CLOCK REQUEST @ CLOKTASK	T1=21212	SECONDS RUNNING	368401.000000
DISPLAYS =	63	6	62 +55616 -13X14 +00000			368401.000000
104717			CLOCK REQUEST @ CLOKTASK	T1=21346	SECONDS RUNNING	368401.000000
DISPLAYS =	63	16	62 +55606 -13X13 +00000			368402.000000
104717			CLOCK REQUEST @ CLOKTASK	T1=21512	SECONDS RUNNING	368402.000000
DISPLAYS =	63	16	62 +55616 -13X02 +00000			368403.000000
104717			CLOCK REQUEST @ CLOKTASK	T1=21656	SECONDS RUNNING	368403.000000
DISPLAYS =	63	16	62 +55616 -13X11 +00000			368404.000000
104717			CLOCK REQUEST @ CLOKTASK	T1=21712	SECONDS RUNNING	368404.000000
DISPLAYS =	63	06	62 +55616 -13X10 +00000			368405.000000
104717			CLOCK REQUEST @ CLOKTASK	T1=22166	SECONDS RUNNING	368406.000000
DISPLAYS =	63	06	62 +55616 -12X59 +00000			368406.000000
104717			CLOCK REQUEST @ CLOKTASK	T1=22332	SECONDS RUNNING	368407.000000
DISPLAYS =	63	06	62 +55616 -12X58 +00000			368407.000000
104717			CLOCK REQUEST @ CLOKTASK	T1=22476	SECONDS RUNNING	368408.000000
DISPLAYS =	63	06	62 +55616 -12X57 +00000			368408.000000
104717			CLOCK REQUEST @ CLOKTASK	T1=22642	SECONDS RUNNING	368409.000000
DISPLAYS =	63	06	62 +55616 -12X56 +00000			368409.000000
104717			CLOCK REQUEST @ CLOKTASK	T1=23006	SECONDS RUNNING	368410.000000
DISPLAYS =	63	16	62 +55616 -12X55 +00000			368410.000000
104717			CLOCK REQUEST @ CLOKTASK	T1=23152	SECONDS RUNNING	368411.000000
DISPLAYS =	63	06	62 +55616 -12X54 +00000			368411.000000
104717			CLOCK REQUEST @ CLOKTASK	T1=23316	SECONDS RUNNING	368412.000000
DISPLAYS =	63	06	62 +55616 -12X53 +00000			368412.000000
104717			CLOCK REQUEST @ CLOKTASK	T1=23462	SECONDS RUNNING	368413.000000
DISPLAYS =	63	16	62 +55616 -12X52 +00000			368413.000000
104717			CLOCK REQUEST @ CLOKTASK	T1=23626	SECONDS RUNNING	368414.000000
DISPLAYS =	63	06	62 +55616 -12X51 +00000			368414.000000

104717

CLCKC REQUEST @ CLCKTASK

T1=23772

SECONDS RUNNING

368415.661213

0019

LMY99	ACC	001	NASA 2321112-061	NFW SIMULATION	MARSROT 23414415	VEYLES	LPRADAR2.ENVONTPL 17/23/69	14:43	PAGE	82	
							/DUPLICATE LANDING	LAST	SNAP	368420	
DISPLAYS =	63	6	62	+55616	-12X51	+00000			368415.661200		
104717	CLCKC	REQUEST	@	CLCKTASK			T1=24136	SECONDS	RUNNING	368415.661265	5355
DISPLAYS =	63	16	62	+55616	-12X49	+00000			368416.661000		
104717	CLCKC	REQUEST	@	CLCKTASK			T1=24372	SECONDS	RUNNING	368416.661213	6684
DISPLAYS =	63	16	62	+55616	-12X48	+00000			368417.000000		
104717	CLCKC	REQUEST	@	CLCKTASK			T1=24446	SECONDS	RUNNING	368417.661173	6114
DISPLAYS =	63	16	62	+55616	-12X47	+00000			368418.000000		
104717	CLCKC	REQUEST	@	CLCKTASK			T1=24612	SECONDS	RUNNING	368418.661186	1349
DISPLAYS =	63	16	62	+55616	-12X46	+00000			368419.661000		
104717	CLCKC	REQUEST	@	CLCKTASK			T1=24756	SECONDS	RUNNING	368419.661239	6687
DISPLAYS =	63	16	62	+55616	-12X45	+00000			368420.000000		
104717	CLCKC	REQUEST	@	CLCKTASK			T1=25122	SECONDS	RUNNING	368420.661213	2018
DISPLAYS =	63	16	62	+55616	-12X44	+00000			368421.000000		
104717	CLCKC	REQUEST	@	CLCKTASK			T1=25266	SECONDS	RUNNING	368421.661291	7358
DISPLAYS =	63	16	62	+55616	-12X43	+00000			368422.000000		
104717	CLCKC	REQUEST	@	CLCKTASK			T1=25432	SECONDS	RUNNING	368422.661213	2684
DISPLAYS =	63	16	62	+55616	-12X42	+00000			368423.000000		
104717	CLCKC	REQUEST	@	CLCKTASK			T1=25576	SECONDS	RUNNING	368423.661173	8114
DISPLAYS =	63	16	62	+55616	-12X41	+00000			368424.000000		
104717	CLCKC	REQUEST	@	CLCKTASK			T1=25742	SECONDS	RUNNING	368424.661173	3349
DISPLAYS =	63	16	62	+55616	-12X40	+00000			368425.000000		
104717	CLCKC	REQUEST	@	CLCKTASK			T1=26106	SECONDS	RUNNING	368425.661239	6687
DISPLAYS =	63	16	62	+55616	-12X39	+00000			368426.000000		
104717	CLCKC	REQUEST	@	CLCKTASK			T1=26252	SECONDS	RUNNING	368426.661213	4018
DISPLAYS =	63	16	62	+55616	-12X38	+00000			368427.000000		
104717	CLCKC	REQUEST	@	CLCKTASK			T1=26416	SECONDS	RUNNING	368427.661252	9354
DISPLAYS =	63	16	62	+55616	-12X37	+00000			368428.000000		
104717	CLCKC	REQUEST	@	CLCKTASK			T1=26562	SECONDS	RUNNING	368428.661213	4684
DISPLAYS =	63	16	62	+55616	-12X36	+00000			368429.000000		

LMY99	ACC	001	NASA 2021112-001	NEW SIMULATION	MARSROT 2 414415 /FYLES	LIFADAR2, FVOLUME 770 /	74:45	PAGE	83
						/DUPLICATE LANDING	LAST	SNAP	368400
104717									
DISPLAYS =	63	06	62	+55606	-12X35	+00000		368430	000000
104717									
DISPLAYS =	63	06	62	+55606	-12X34	+00000		368431	000000
104717									
DISPLAYS =	63	06	62	+55606	-12X33	+00000		368432	000000
104717									
DISPLAYS =	63	06	62	+55606	-12X32	+00000		368433	000000
104717									
DISPLAYS =	63	06	62	+55606	-12X31	+00000		368434	000000
104717									
DISPLAYS =	63	06	62	+55606	-12X30	+00000		368435	000000
104717									
DISPLAYS =	63	06	62	+55606	-12X29	+00000		368436	000000
104717									
DISPLAYS =	63	06	62	+55606	-12X28	+00000		368437	000000
104717									
DISPLAYS =	63	06	62	+55606	-12X27	+00000		368438	000000
104717									
DISPLAYS =	63	06	62	+55606	-12X26	+00000		368439	000000
104717									
DISPLAYS =	63	06	62	+55606	-12X25	+00000		368440	000000
104717									
DISPLAYS =	63	06	62	+55606	-12X24	+00000		368441	000000
104717									
DISPLAYS =	63	06	62	+55606	-12X23	+00000		368442	000000
104717									
DISPLAYS =	63	06	62	+55606	-12X22	+00000		368443	000000

DISPLAYS =	63	76	62	+55606	-12X22	+00000				368443000000
104717	CLCCK REQUEST @ CLOKTASK						T1=31516	SECONDS RUNNING	368443.661239	6697
LMY99	AGC	001	NASA 2021112-761 NEW SIMULATION		MARSROT	20414415 /EYLF5		LRADAR20ENVNTP1 117/23/64	14:43	PAGE 84
								/DUPLICATE LANDING	LAST	SNAP 368400
DISPLAYS =	63	76	62	+55606	-12X21	+00000				368444000000
104717	CLCCK REQUEST @ CLOKTASK						T1=31662	SECONDS RUNNING	368444.661213	6618
DISPLAYS =	63	76	62	+55606	-12X20	+00000				368445000000
104717	CLCCK REQUEST @ CLOKTASK						T1=32026	SECONDS RUNNING	368445.661173	5349
DISPLAYS =	63	76	62	+55606	-12X19	+00000				368446000000
104717	CLCCK REQUEST @ CLOKTASK						T1=32172	SECONDS RUNNING	368446.661213	0694
DISPLAYS =	63	76	62	+55606	-12X18	+00000				368447000000
104717	CLCCK REQUEST @ CLOKTASK						T1=32336	SECONDS RUNNING	368447.661173	6014
DISPLAYS =	63	76	62	+55606	-12X17	+00000				368448000000
104717	CLCCK REQUEST @ CLOKTASK						T1=32502	SECONDS RUNNING	368448.661173	1348
DISPLAYS =	63	76	62	+55606	-12X16	+00000				368449000000
104717	CLCCK REQUEST @ CLOKTASK						T1=32646	SECONDS RUNNING	368449.661239	6697
DISPLAYS =	63	76	62	+55606	-12X15	+00000				368450000000
SNAPSHOT	368450							SECONDS RUNNING	368450.000029	

LMY99	AGC	011	NASA 2021112-061 NEW SIMULATION	MARSROT 20414415 /EYLES	LRKADAP2.ENVCONT.L 77/2/1	14:43	PAGE	85	
					/DUPLICATE	LANDING	LAST	SNAP	68450
104717									
DISPLAYS =	63	06	62	+55606	-12X14	+00000			368451.00000
104717									
DISPLAYS =	63	06	62	+55606	-12X13	+00000			368452.00000
104717									
DISPLAYS =	63	06	62	+55606	-12X12	+00000			368453.00000
104717									
DISPLAYS =	63	06	62	+55606	-12X11	+00000			368454.00000
104717									
DISPLAYS =	63	06	62	+55606	-12X10	+00000			368455.00000
104717									
DISPLAYS =	63	06	62	+55606	-12X09	+00000			368456.00000
104717									
DISPLAYS =	63	06	62	+55606	-12X08	+00000			368457.00000
104717									
DISPLAYS =	63	06	62	+55606	-12X07	+00000			368458.00000
104717									
DISPLAYS =	63	06	62	+55606	-12X06	+00000			368459.00000
104717									
DISPLAYS =	63	06	62	+55606	-12X05	+00000			368460.00000
104717									
DISPLAYS =	63	06	62	+55606	-12X04	+00000			368461.00000
104717									
DISPLAYS =	63	06	62	+55606	-12X03	+00000			368462.00000
104717									
DISPLAYS =	63	06	62	+55606	-12X02	+00000			368463.00000
104717									
DISPLAYS =	63	06	62	+55606	-12X01	+00000			368464.00000
104717									
DISPLAYS =	63	06	62	+55606	-12X00	+00000			368465.00000

DISPLAYS =	63	06	62	+55606	-12X00	+00000				36846400000	
104717	CLCK	REQ	EST @	CLCK	TASK	T1=35602	SECONDS	RUNNING	3684640661186	6682	
LMY99	ACC	01	NASA	2021112-001	NEW SIMULATION	MARSROT 20414415	/EYLES	LPPADA020.FUNCNTPL	7/22/60	14:43	PAGE 86
								/DUPLICATE	LANDING	LAST	SNAP 368450
DISPLAYS =	63	06	62	+55606	-12X00	+00000				36846400000	
104717	CLCK	REQ	EST @	CLCK	TASK	T1=35746	SECONDS	RUNNING	3684640661186	2115	
DISPLAYS =	63	06	62	+55606	-11X59	+00000				36846400000	
104717	CLCK	REQ	EST @	CLCK	TASK	T1=36112	SECONDS	RUNNING	3684640661172	7349	
DISPLAYS =	63	06	62	+55606	-11X58	+00000				36846400000	
104717	CLCK	REQ	EST @	CLCK	TASK	T1=36256	SECONDS	RUNNING	3684640661186	2642	
DISPLAYS =	63	06	62	+55606	-11X57	+00000				36846400000	
104717	CLCK	REQ	EST @	CLCK	TASK	T1=36422	SECONDS	RUNNING	3684640661186	8115	
DISPLAYS =	63	06	62	+55606	-11X56	+00000				36846400000	
104717	CLCK	REQ	EST @	CLCK	TASK	T1=36556	SECONDS	RUNNING	3684640661239	3353	
DISPLAYS =	63	06	62	+55606	-11X55	+00000				36847000000	
104717	CLCK	REQ	EST @	CLCK	TASK	T1=36732	SECONDS	RUNNING	3684700661186	8682	
DISPLAYS =	63	06	62	+55606	-11X54	+00000				36847100000	
104717	CLCK	REQ	EST @	CLCK	TASK	T1=37076	SECONDS	RUNNING	3684710661186	4115	
DISPLAYS =	63	06	62	+55606	-11X53	+00000				36847200000	
104717	CLCK	REQ	EST @	CLCK	TASK	T1=37242	SECONDS	RUNNING	3684720661173	9348	
DISPLAYS =	63	06	62	+55606	-11X52	+00000				36847300000	
104717	CLCK	REQ	EST @	CLCK	TASK	T1=37406	SECONDS	RUNNING	3684730661186	4682	
DISPLAYS =	63	06	62	+55606	-11X51	+00000				36847400000	
104717	CLCK	REQ	EST @	CLCK	TASK	T1=37552	SECONDS	RUNNING	3684740661186	10115	
DISPLAYS =	63	06	62	+55606	-11X50	+00000				36847500000	
104717	CLCK	REQ	EST @	CLCK	TASK	T1=37716	SECONDS	RUNNING	3684750661253	5354	
DISPLAYS =	63	06	62	+55606	-11X49	+00000				36847600000	
104717	CLCK	REQ	EST @	CLCK	TASK	T1=37862	SECONDS	RUNNING	3684760661186	2682	
DISPLAYS =	63	06	62	+55606	-11X48	+00000				36847700000	
104717	CLCK	REQ	EST @	CLCK	TASK	T1=37926	SECONDS	RUNNING	3684770661186	6115	
DISPLAYS =	63	06	62	+55606	-11X47	+00000				36847800000	
104717	CLCK	REQ	EST @	CLCK	TASK	T1=38072	SECONDS	RUNNING	3684780661186	1258	
DISPLAYS =	63	06	62	+55606	-11X46	+00000				36847900000	

DISPLAYS = 53 06 62 +55606 -11X40 +00000 368479.00000

LMY99 AGC 001 NAS 21112-61 NEW SIMULATION MARKSET 2 410415 /EYLF5 LPROGAB3EMV0TEL 1/12/75 143 PAGE 87  
/DUPLICATE LABELING LAST SNAP 368450

104717 CLCK REQUEST @ CLCKTASK T1=01536 SECONDS RUNNING 368480.661213 6684

DISPLAYS = 53 06 62 +55606 -11X45 +00000 368480.00000

104717 CLCK REQUEST @ CLCKTASK T1=01702 SECONDS RUNNING 368481.661186 2015

DISPLAYS = 53 06 62 +55606 -11X44 +00000 368481.00000

104717 CLCK REQUEST @ CLCKTASK T1=01846 SECONDS RUNNING 368481.661186 7349

DISPLAYS = 53 06 62 +55606 -11X43 +00000 368482.00000

104717 CLCK REQUEST @ CLCKTASK T1=01212 SECONDS RUNNING 368482.661186 2682

DISPLAYS = 53 06 62 +55606 -11X42 +00000 368483.00000

104717 CLCK REQUEST @ CLCKTASK T1=01356 SECONDS RUNNING 368483.661186 0115

DISPLAYS = 53 06 62 +55606 -11X41 +00000 368484.00000

104717 CLCK REQUEST @ CLCKTASK T1=01522 SECONDS RUNNING 368484.661173 3343

DISPLAYS = 53 06 62 +55606 -11X40 +00000 368485.00000

104717 CLCK REQUEST @ CLCKTASK T1=01666 SECONDS RUNNING 368485.661186 8682

DISPLAYS = 53 06 62 +55606 -11X39 +00000 368486.00000

104717 CLCK REQUEST @ CLCKTASK T1=02032 SECONDS RUNNING 368486.661186 4115

DISPLAYS = 53 06 62 +55606 -11X38 +00000 368487.00000

104717 CLCK REQUEST @ CLCKTASK T1=02176 SECONDS RUNNING 368487.661265 9355

DISPLAYS = 53 06 62 +55606 -11X37 +00000 368488.00000

104717 CLCK REQUEST @ CLCKTASK T1=02342 SECONDS RUNNING 368488.661186 4582

DISPLAYS = 53 06 62 +55606 -11X36 +00000 368489.00000

104717 CLCK REQUEST @ CLCKTASK T1=02506 SECONDS RUNNING 368489.661186 0115

DISPLAYS = 53 06 62 +55606 -11X35 +00000 368490.00000

104717 CLCK REQUEST @ CLCKTASK T1=02652 SECONDS RUNNING 368491.661291 5358

DISPLAYS = 53 06 62 +55606 -11X34 +00000 368491.00000

104717 CLCK REQUEST @ CLCKTASK T1=03016 SECONDS RUNNING 368491.661186 682

DISPLAYS = 53 06 62 +55606 -11X33 +00000 368492.00000

104717 CLCK REQUEST @ CLCKTASK T1=03162 SECONDS RUNNING 368492.661173 6114

DISPLAYS = 53 06 62 +55606 -11X32 +00000 368493.00000

104717 CLCK REQUEST @ CLCKTASK T1=03308 SECONDS RUNNING 368493.661173 6114

104717

CLOCK REQUEST @ CLKTASK

T1=13326

SECONDS PENDING

3684 36.661239

1352



LMY99	AGC	001	NASA 2021112- 61	NEW SIMULATION	MARSPOT 21414415 /EYLES	LEADAP2, ENVCAT4 17:17:00	14:43	PAGE	88	
					/DUPLICATE LAMPING		LAST	SNAP	36850	
DISPLAYS =	63	06	62	+55676	-11X31	+100000		368494,	00000	
104717	CLOCK REQUEST @	CLOCKTASK					T1=03472	SECONDS RUNNING	368494,661186	6692
DISPLAYS =	63	06	62	+55676	-11X30	+100000		368495,	00000	
104717	CLOCK REQUEST @	CLOCKTASK					T1=03636	SECONDS RUNNING	368495,661186	2115
DISPLAYS =	63	06	62	+55676	-11X29	+100000		368496,	00000	
104717	CLOCK REQUEST @	CLOCKTASK					T1=04002	SECONDS RUNNING	368496,661175	7348
DISPLAYS =	63	06	62	+55676	-11X28	+100000		368497,	00000	
104717	CLOCK REQUEST @	CLOCKTASK					T1=04146	SECONDS RUNNING	368497,661186	2682
DISPLAYS =	63	06	62	+55676	-11X27	+100000		368498,	00000	
104717	CLOCK REQUEST @	CLOCKTASK					T1=04312	SECONDS RUNNING	368498,661186	8115
DISPLAYS =	63	06	62	+55676	-11X26	+100000		368499,	00000	
104717	CLOCK REQUEST @	CLOCKTASK					T1=04455	SECONDS RUNNING	368499,661175	3348
DISPLAYS =	63	06	62	+55676	-11X25	+100000		368500,	00000	
SNAPSHOT	368500,			SECONDS RUNNING	368500,	00000				

LMY99	AGC	001	NASA 2421112-061 NEW SIMULATION	MARSPOT 2 414415 /EYES	LPRADAR2.ENVCTRL 7/27/79 14:45	8/14	8/14	R9
					/DUPLICATE LANDIG		LAST SNAP	368500
		104717	CLCCK REQUEST @ CLCCKTASK		T1=14622	SECONDS RUNNING	368510.661186	8692
DISPLAYS =	63	06	62	+55606 -11x24 +00000			368500.000000	
		104717	CLCCK REQUEST @ CLCCKTASK		T1=04766	SECONDS RUNNING	368510.661186	4015
DISPLAYS =	63	06	62	+55606 -11x23 +00000			368512.000000	
		104717	CLCCK REQUEST @ CLCCKTASK		T1=05132	SECONDS RUNNING	368513.661291	9358
DISPLAYS =	63	06	62	+55606 -11x22 +00000			368513.000000	
		104717	CLCCK REQUEST @ CLCCKTASK		T1=05276	SECONDS RUNNING	368513.661173	4691
DISPLAYS =	63	06	62	+55606 -11x21 +00000			368514.000000	
		104717	CLCCK REQUEST @ CLCCKTASK		T1=05442	SECONDS RUNNING	368514.661186	115
DISPLAYS =	63	06	62	+55606 -11x20 +00000			368515.000000	
		104717	CLCCK REQUEST @ CLCCKTASK		T1=05606	SECONDS RUNNING	368515.661173	5348
DISPLAYS =	63	06	62	+55606 -11x19 +00000			368516.000000	
		104717	CLCCK REQUEST @ CLCCKTASK		T1=05752	SECONDS RUNNING	368516.661186	682
DISPLAYS =	63	06	62	+55606 -11x18 +00000			368517.000000	
		104717	CLCCK REQUEST @ CLCCKTASK		T1=06116	SECONDS RUNNING	368517.661173	614
DISPLAYS =	63	06	62	+55606 -11x17 +00000			368518.000000	
		104717	CLCCK REQUEST @ CLCCKTASK		T1=06262	SECONDS RUNNING	368508.661186	1349
DISPLAYS =	63	06	62	+55606 -11x16 +00000			368519.000000	
		104717	CLCCK REQUEST @ CLCCKTASK		T1=06426	SECONDS RUNNING	368519.661173	6681
DISPLAYS =	63	06	62	+55606 -11x15 +00000			368519.000000	
		104717	CLCCK REQUEST @ CLCCKTASK		T1=06572	SECONDS RUNNING	368519.661186	2115
DISPLAYS =	63	06	62	+55606 -11x14 +00000			368511.000000	
		104717	CLCCK REQUEST @ CLCCKTASK		T1=06736	SECONDS RUNNING	368511.661292	7356
DISPLAYS =	63	06	62	+55606 -11x13 +00000			368512.000000	
		104717	CLCCK REQUEST @ CLCCKTASK		T1=07102	SECONDS RUNNING	368512.661186	2682
DISPLAYS =	63	06	62	+55606 -11x12 +00000			368513.000000	
		104717	CLCCK REQUEST @ CLCCKTASK		T1=07248	SECONDS RUNNING	368513.661173	8114
DISPLAYS =	63	06	62	+55606 -11x11 +00000			368514.000000	
		104717	CLCCK REQUEST @ CLCCKTASK		T1=07412	SECONDS RUNNING	368513.661265	3355



DISPLAYS =	63	16	16	+556 6	-1 X54	+10000				368529.00000	
LMY99	AGC	001	NASA 2	21112-	61	NEW SIMULATION	MARSROT 2	414415 /EYLF5	LK RADAR2, ENVNCTFL = 7/15/69 14:43	PAGE 91	368500
									/DUPLICATE LANDING LAST		
104717	CLCCK	REQUEST @	CLCKTASK				T1=12346	SECONDS	RUNNING	368529.661173	3349
DISPLAYS =	63	16	62	+55516	-1 X55	+10000				368530.00000	
104717	CLCCK	REQUEST @	CLCKTASK				T1=12512	SECONDS	RUNNING	368529.661173	8681
DISPLAYS =	63	16	62	+55616	-1 X54	+10000				368531.00000	
104717	CLCCK	REQUEST @	CLCKTASK				T1=12656	SECONDS	RUNNING	368529.661186	4715
DISPLAYS =	63	16	62	+55606	-1 X53	+10000				368522.00000	
104717	CLCCK	REQUEST @	CLCKTASK				T1=13122	SECONDS	RUNNING	368529.661186	9342
DISPLAYS =	63	16	62	+55616	-1 X52	+10000				368533.00000	
104717	CLCCK	REQUEST @	CLCKTASK				T1=13166	SECONDS	RUNNING	368533.661200	4683
DISPLAYS =	63	16	62	+55616	-1 X51	+10000				368534.00000	
104717	CLCCK	REQUEST @	CLCKTASK				T1=13232	SECONDS	RUNNING	368534.661173	0014
DISPLAYS =	63	16	62	+55616	-1 X50	+10000				368535.00000	
104717	CLCCK	REQUEST @	CLCKTASK				T1=13476	SECONDS	RUNNING	368535.661186	5349
DISPLAYS =	63	16	62	+55616	-1 X49	+10000				368536.00000	
104717	CLCCK	REQUEST @	CLCKTASK				T1=13642	SECONDS	RUNNING	368536.661173	7681
DISPLAYS =	63	16	62	+55616	-1 X48	+10000				368527.00000	
104717	CLCCK	REQUEST @	CLCKTASK				T1=14076	SECONDS	RUNNING	368537.661200	6117
DISPLAYS =	63	16	62	+55616	-1 X47	+10000				368538.00000	
104717	CLCCK	REQUEST @	CLCKTASK				T1=14152	SECONDS	RUNNING	368539.661173	1349
DISPLAYS =	63	16	62	+55616	-1 X46	+10000				368539.00000	
104717	CLCCK	REQUEST @	CLCKTASK				T1=14216	SECONDS	RUNNING	368529.661173	6683
DISPLAYS =	63	16	62	+55616	-1 X45	+10000				368540.00000	
104717	CLCCK	REQUEST @	CLCKTASK				T1=14462	SECONDS	RUNNING	368541.661173	2014
DISPLAYS =	63	16	62	+55616	-1 X44	+10000				368541.00000	
104717	CLCCK	REQUEST @	CLCKTASK				T1=14626	SECONDS	RUNNING	368541.661173	7348
DISPLAYS =	63	16	62	+55616	-1 X43	+10000				368542.00000	
104717	CLCCK	REQUEST @	CLCKTASK				T1=14772	SECONDS	RUNNING	368541.661186	2692
DISPLAYS =	63	16	62	+55616	-1 X42	+10000				368543.00000	
104717	CLCCK	REQUEST @	CLCKTASK				T1=15136	SECONDS	RUNNING	368541.661186	8117

DISPLAYS =	63	6	62	+55606	-17x41	+00000				368544,00000	
104717	CLCKK REQUEST @ CLCKTASK						T1=15302	SECONDS	RUNNING	368544,661186	3349
DISPLAYS =	63	6	62	+55606	-10x40	+00000				368544,00000	
104717	CLCKK REQUEST @ CLCKTASK						T1=15446	SECONDS	RUNNING	368544,661173	6682
DISPLAYS =	63	6	62	+55606	-10x39	+00000				368544,00000	
104717	CLCKK REQUEST @ CLCKTASK						T1=15612	SECONDS	RUNNING	368544,661173	614
DISPLAYS =	63	6	62	+55606	-10x38	+00000				368547,00000	
104717	CLCKK REQUEST @ CLCKTASK						T1=15756	SECONDS	RUNNING	368547,661186	9349
DISPLAYS =	63	6	62	+55606	-10x37	+00000				368548,00000	
104717	CLCKK REQUEST @ CLCKTASK						T1=16122	SECONDS	RUNNING	368544,661186	4582
DISPLAYS =	63	6	62	+55606	-10x36	+00000				368549,00000	
104717	CLCKK REQUEST @ CLCKTASK						T1=16266	SECONDS	RUNNING	368544,661173	114
DISPLAYS =	63	6	62	+55606	-10x35	+00000				368550,00000	
SNAPSHCT	368550						SECONDS	RUNNING		368550,00000	

3"

2"

1"

LMY99	AGC	001	NASA 2021112-161	NEW SIMULATION	MAKSPOT 20414415 /EYLES	LYRADAP2, ENVONTEL 07/23/01 14:43	PAGE 93
						/DUPLICATE LANDING	LAST SNAP 368550
104717	CLCCK	REQUEST @	CLCKTASK		T1=16432	SECONDS RUNNING	368551.661278 5357
DISPLAYS =	63	06	62	+55606 -10X34 +00000			368551.00000
104717	CLCCK	REQUEST @	CLCKTASK		T1=16576	SECONDS RUNNING	368551.661173 10681
DISPLAYS =	63	06	62	+55606 -10X33 +00000			368552.00000
104717	CLCCK	REQUEST @	CLCKTASK		T1=16742	SECONDS RUNNING	368552.661173 6114
DISPLAYS =	63	06	62	+55606 -10X32 +00000			368553.00000
104717	CLCCK	REQUEST @	CLCKTASK		T1=17106	SECONDS RUNNING	368553.661173 1349
DISPLAYS =	63	06	62	+55606 -10X31 +00000			368554.00000
104717	CLCCK	REQUEST @	CLCKTASK		T1=17252	SECONDS RUNNING	368554.661173 6681
DISPLAYS =	63	06	62	+55606 -10X30 +00000			368555.00000
104717	CLCCK	REQUEST @	CLCKTASK		T1=17416	SECONDS RUNNING	368555.661173 2114
DISPLAYS =	63	06	62	+55606 -10X29 +00000			368556.00000
104717	CLCCK	REQUEST @	CLCKTASK		T1=17562	SECONDS RUNNING	368556.661173 7348
DISPLAYS =	63	06	62	+55606 -10X28 +00000			368557.00000
104717	CLCCK	REQUEST @	CLCKTASK		T1=17726	SECONDS RUNNING	368557.661173 2681
DISPLAYS =	63	06	62	+55606 -10X27 +00000			368558.00000
104717	CLCCK	REQUEST @	CLCKTASK		T1=21072	SECONDS RUNNING	368558.661186 8115
DISPLAYS =	63	06	62	+55606 -10X26 +00000			368559.00000
104717	CLCCK	REQUEST @	CLCKTASK		T1=21235	SECONDS RUNNING	368559.661173 2348
DISPLAYS =	63	06	62	+55606 -10X25 +00000			368560.00000
104717	CLCCK	REQUEST @	CLCKTASK		T1=21400	SECONDS RUNNING	368560.661173 8621
DISPLAYS =	63	06	62	+55606 -10X24 +00000			368561.00000
104717	CLCCK	REQUEST @	CLCKTASK		T1=21546	SECONDS RUNNING	368561.661213 4218
DISPLAYS =	63	06	62	+55606 -10X23 +00000			368562.00000
104717	CLCCK	REQUEST @	CLCKTASK		T1=21712	SECONDS RUNNING	368562.661291 9358
DISPLAYS =	63	06	62	+55606 -10X22 +00000			368563.00000
104717	CLCCK	REQUEST @	CLCKTASK		T1=21956	SECONDS RUNNING	368563.661173 4681
DISPLAYS =	63	06	62	+55606 -10X21 +00000			368564.00000
104717	CLCCK	REQUEST @	CLCKTASK		T1=21222	SECONDS RUNNING	368564.661173 14

LMY99 AGC 01 NASA 2021112- 01 NFW SIMULATION MARSACT 20414415 /EYLES LPPADAR 20 ENVIRONMENTAL 17/2 /1 14:43 PAGE 94  
 /DUPLICATE LANCING LAST SMAP 368550

DISPLAYS =	63	16	62	+55616	-10X20	+10000			368565.00000
104717	CLCCK	REQUEST	@	CLCKTASK			T1=21366	SECONDS RUNNING	368565.661173 5348
DISPLAYS =	63	16	62	+55616	-10X19	+10000			368566.00000
104717	CLCCK	REQUEST	@	CLCKTASK			T1=21532	SECONDS RUNNING	368566.661173 6681
DISPLAYS =	63	16	62	+55616	-10X18	+10000			368567.00000
104717	CLCCK	REQUEST	@	CLCKTASK			T1=21674	SECONDS RUNNING	368567.661173 6717
DISPLAYS =	63	16	62	+55616	-10X17	+10000			368568.00000
104717	CLCCK	REQUEST	@	CLOKTASK			T1=22042	SECONDS RUNNING	368569.661186 1349
DISPLAYS =	63	06	62	+55616	-10X16	+10000			368569.00000
104717	CLCCK	REQUEST	@	CLOKTASK			T1=22206	SECONDS RUNNING	368569.661200 6683
DISPLAYS =	63	16	62	+55616	-10X15	+10000			368570.00000
104717	CLCCK	REQUEST	@	CLOKTASK			T1=22352	SECONDS RUNNING	368571.661173 2114
DISPLAYS =	63	16	62	+55616	-10X14	+10000			368571.00000
104717	CLCCK	REQUEST	@	CLCKTASK			T1=22516	SECONDS RUNNING	368571.661186 7349
DISPLAYS =	63	06	62	+55616	-10X13	+10000			368572.00000
104717	CLCCK	REQUEST	@	CLCKTASK			T1=22662	SECONDS RUNNING	368572.661173 2681
DISPLAYS =	63	16	62	+55616	-10X12	+10000			368573.00000
104717	CLCCK	REQUEST	@	CLCKTASK			T1=22826	SECONDS RUNNING	368573.661200 8117
DISPLAYS =	63	16	62	+55616	-10X11	+10000			368574.00000
104717	CLCCK	REQUEST	@	CLOKTASK			T1=23172	SECONDS RUNNING	368574.661201 3358
DISPLAYS =	63	16	62	+55616	-10X10	+10000			368575.00000
104717	CLCCK	REQUEST	@	CLOKTASK			T1=23336	SECONDS RUNNING	368575.661201 8683
DISPLAYS =	63	16	62	+55616	-10X09	+10000			368576.00000
104717	CLCCK	REQUEST	@	CLCKTASK			T1=23502	SECONDS RUNNING	368576.661173 4014
DISPLAYS =	63	16	62	+55616	-10X08	+10000			368577.00000
104717	CLCCK	REQUEST	@	CLCKTASK			T1=23666	SECONDS RUNNING	368577.661173 9348
DISPLAYS =	63	16	62	+55616	-10X07	+10000			368578.00000

104717	CLCK	REQUEST	@	CLCKTASK	T1=24112	SECONDS	RUNNING	368579.00000	4682
DISPLAYS =	63	06	62	+55606 -0X06 +00000				368579.00000	95
LMY99	AGC	001	NASA	2021112-061	NEW SIMULATION	MAKSOT 2 414415 /EYLF5	LRPADAP2.0ENVCNTEL /7/22/09 14:43	PAGE	95
							/DUPLICATE LANDING	LAST SNAP	368550
104717	CLCK	REQUEST	@	CLCKTASK	T1=24156	SECONDS	RUNNING	368579.66120	4687
DISPLAYS =	63	06	62	+55606 -0X05 +00000				368580.00000	
104717	CLCK	REQUEST	@	CLCKTASK	T1=24222	SECONDS	RUNNING	368580.661186	5349
DISPLAYS =	63	06	62	+55606 -10X04 +00000				368581.00000	
104717	CLCK	REQUEST	@	CLCKTASK	T1=24466	SECONDS	RUNNING	368581.661173	6681
DISPLAYS =	63	06	62	+55606 -10X03 +00000				368582.00000	
104717	CLCK	REQUEST	@	CLCKTASK	T1=24637	SECONDS	RUNNING	368582.661173	6714
DISPLAYS =	63	06	62	+55606 -10X02 +00000				368593.00000	
104717	CLCK	REQUEST	@	CLCKTASK	T1=24776	SECONDS	RUNNING	368583.661172	1348
DISPLAYS =	63	06	62	+55606 -10X01 +00000				368584.00000	
104717	CLCK	REQUEST	@	CLCKTASK	T1=25142	SECONDS	RUNNING	368584.661173	6681
DISPLAYS =	63	06	62	+55606 -10X00 +00000				368585.00000	
104717	CLCK	REQUEST	@	CLCKTASK	T1=25206	SECONDS	RUNNING	368585.661186	2015
DISPLAYS =	63	06	62	+55606 -09X59 +00000				368586.00000	
104717	CLCK	REQUEST	@	CLCKTASK	T1=25452	SECONDS	RUNNING	368586.661278	7357
DISPLAYS =	63	06	62	+55606 -09X58 +00000				368587.00000	
104717	CLCK	REQUEST	@	CLCKTASK	T1=25616	SECONDS	RUNNING	368587.661186	2682
DISPLAYS =	63	06	62	+55606 -09X57 +00000				368588.00000	
104717	CLCK	REQUEST	@	CLCKTASK	T1=25762	SECONDS	RUNNING	368588.661186	8015
DISPLAYS =	63	06	62	+55606 -09X56 +00000				368589.00000	
104717	CLCK	REQUEST	@	CLCKTASK	T1=26126	SECONDS	RUNNING	368589.661186	3349
DISPLAYS =	63	06	62	+55606 -09X55 +00000				368590.00000	
104717	CLCK	REQUEST	@	CLCKTASK	T1=26272	SECONDS	RUNNING	368591.661186	8682
DISPLAYS =	63	06	62	+55606 -09X54 +00000				368591.00000	
104717	CLCK	REQUEST	@	CLCKTASK	T1=26436	SECONDS	RUNNING	368591.661172	4014
DISPLAYS =	63	06	62	+55606 -09X53 +00000				368592.00000	
104717	CLCK	REQUEST	@	CLCKTASK	T1=26602	SECONDS	RUNNING	368592.661173	9348
DISPLAYS =	63	06	62	+55606 -09X52 +00000				368593.00000	
104717	CLCK	REQUEST	@	CLCKTASK	T1=26746	SECONDS	RUNNING	368593.661211	4684
LMY99	AGC	001	NASA	2021112-061	NEW SIMULATION	MAKSOT 2 414415 /EYLF5	LRPADAP2.0ENVCNTEL /7/22/09 14:43	PAGE	96
							/DUPLICATE LANDING	LAST SNAP	368550



DISPLAYS =	63	06	02	+55606	-09X54	+00000							368590.00000
104717							CLOCK REQUEST @ CLCKTASK		T1=26430	SECONDS RUNNING	368590.661173		4114
DISPLAYS =	63	06	02	+55606	-09X53	+00000							368590.00000
104717							CLOCK REQUEST @ CLCKTASK		T1=26612	SECONDS RUNNING	368590.661173		9348
DISPLAYS =	63	06	02	+55606	-09X52	+00000							368590.00000
104717							CLOCK REQUEST @ CLCKTASK		T1=26746	SECONDS RUNNING	368590.661211		4634
LMY99	AGC	001	NASA 2021112-161 NEW SIMULATION				MARSBOT	20414415 /EYLFS	LRRADAP2.FNVCNTRL	777 /A3	14:45	PAGE	96
DISPLAYS =	63	06	02	+55606	-09X51	+00000							368594.00000
104717							CLOCK REQUEST @ CLCKTASK		T1=27112	SECONDS RUNNING	368594.661186		1015
DISPLAYS =	63	06	02	+55606	-09X50	+00000							368596.00000
104717							CLOCK REQUEST @ CLCKTASK		T1=27257	SECONDS RUNNING	368596.661186		5340
DISPLAYS =	63	06	02	+55606	-09X49	+00000							368596.00000
104717							CLOCK REQUEST @ CLCKTASK		T1=27422	SECONDS RUNNING	368596.661173		7681
DISPLAYS =	63	06	02	+55606	-09X48	+00000							368597.00000
104717							CLOCK REQUEST @ CLCKTASK		T1=27566	SECONDS RUNNING	368597.661201		6117
DISPLAYS =	63	06	02	+55606	-09X47	+00000							368598.00000
104717							CLOCK REQUEST @ CLCKTASK		T1=27732	SECONDS RUNNING	368598.661173		1348
DISPLAYS =	63	06	02	+55606	-09X46	+00000							368598.00000
104717							CLOCK REQUEST @ CLCKTASK		T1=27976	SECONDS RUNNING	368599.661201		6683
DISPLAYS =	63	06	02	+55606	-09X45	+00000							368600.00000
SNAPSHCT	368600						SECONDS RUNNING		368600.000039				

LMY99	AGC	001	NASA 2021112-161 NEW SIMULATION	MARSFOT 20414415 /EYLF5	LRRADAR20 ENVCONTR 17/2/77	14:43	PAGE 97
					/DUPLICATE LANDING	LAST	SNAP 358600
		104717	CLCCK REQUEST @ CLCKTASK	T1=30242	SECONDS RUNNING	368610.661186	2115
DISPLAYS =	63	06	62	+55606	-09X44	+00000	368610.661186
		104717	CLCCK REQUEST @ CLCKTASK	T1=30416	SECONDS RUNNING	368610.661186	7349
DISPLAYS =	63	06	62	+55606	-09X43	+00000	368612.661186
		104717	CLCCK REQUEST @ CLCKTASK	T1=30552	SECONDS RUNNING	368612.661186	2682
DISPLAYS =	63	06	62	+55606	-09X42	+00000	368613.661186
		104717	CLCCK REQUEST @ CLCKTASK	T1=30716	SECONDS RUNNING	368613.661213	8318
DISPLAYS =	63	06	62	+55606	-09X41	+00000	368614.661186
		104717	CLCCK REQUEST @ CLCKTASK	T1=31062	SECONDS RUNNING	368614.661186	3349
DISPLAYS =	63	06	62	+55606	-09X40	+00000	368615.661186
		104717	CLCCK REQUEST @ CLCKTASK	T1=31226	SECONDS RUNNING	368615.661186	8682
DISPLAYS =	63	06	62	+55606	-09X39	+00000	368616.661186
		104717	CLCCK REQUEST @ CLCKTASK	T1=31372	SECONDS RUNNING	368616.661186	4115
DISPLAYS =	63	06	62	+55606	-09X38	+00000	368617.661186
		104717	CLCCK REQUEST @ CLCKTASK	T1=31536	SECONDS RUNNING	368617.661173	9248
DISPLAYS =	63	06	62	+55606	-09X37	+00000	368618.661186
		104717	CLCCK REQUEST @ CLCKTASK	T1=31702	SECONDS RUNNING	368618.661173	4691
DISPLAYS =	63	06	62	+55606	-09X36	+00000	368619.661186
		104717	CLCCK REQUEST @ CLCKTASK	T1=32046	SECONDS RUNNING	368619.661186	6115
DISPLAYS =	63	06	62	+55606	-09X35	+00000	368620.661186
		104717	CLCCK REQUEST @ CLCKTASK	T1=32212	SECONDS RUNNING	368620.661278	6357
DISPLAYS =	63	06	62	+55606	-09X34	+00000	368621.661186
		104717	CLCCK REQUEST @ CLCKTASK	T1=32356	SECONDS RUNNING	368621.661186	682
DISPLAYS =	63	06	62	+55606	-09X33	+00000	368622.661186
		104717	CLCCK REQUEST @ CLCKTASK	T1=32522	SECONDS RUNNING	368622.661186	6115
DISPLAYS =	63	06	62	+55606	-09X32	+00000	368623.661186
		104717	CLCCK REQUEST @ CLCKTASK	T1=32666	SECONDS RUNNING	368623.661265	1355
DISPLAYS =	63	06	62	+55606	-09X31	+00000	368624.661186
		104717	CLCCK REQUEST @ CLCKTASK	T1=33032	SECONDS RUNNING	368624.661186	6692

104717	CLOCK REQUEST @	CLOCKTASK	T1=32666	SECONDS RUNNING	368613,661265	1355	
DISPLAYS =	63	06	62	+55606	-09X31	+00000	368613,661265
104717	CLOCK REQUEST @	CLOCKTASK	T1=32332	SECONDS RUNNING	368614,661186	6692	

LMY99	AGC	1	NASA 2021112-761 NEW SIMULATION	MARSFUT 20414415 /EYLES	LPPADAR2,EMVKTPL /DUPLICATE	7/27/69 14:43	PACF SNAP	98 238600
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DISPLAYS =	63	06	62	+55606	-09X30	+00000	368615,661000
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104717	CLOCK REQUEST @	CLOCKTASK	T1=32176	SECONDS RUNNING	368615,661186	2015
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DISPLAYS =	63	06	62	+55606	-09X29	+00000	368616,661000
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104717	CLOCK REQUEST @	CLOCKTASK	T1=33342	SECONDS RUNNING	368616,661173	7348
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DISPLAYS =	63	06	62	+55606	-09X28	+00000	368617,661000
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104717	CLOCK REQUEST @	CLOCKTASK	T1=33516	SECONDS RUNNING	368617,661186	2692
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DISPLAYS =	63	06	62	+55606	-09X27	+00000	368618,661000
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104717	CLOCK REQUEST @	CLOCKTASK	T1=32652	SECONDS RUNNING	368618,661186	6015
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DISPLAYS =	63	06	62	+55606	-09X26	+00000	368619,661000
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104717	CLOCK REQUEST @	CLOCKTASK	T1=34016	SECONDS RUNNING	368619,661177	2343
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DISPLAYS =	63	06	62	+55606	-09X25	+00000	368620,661000
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104717	CLOCK REQUEST @	CLOCKTASK	T1=34162	SECONDS RUNNING	368620,661186	8682
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DISPLAYS =	63	06	62	+55606	-09X24	+00000	368621,661000
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104717	CLOCK REQUEST @	CLOCKTASK	T1=34326	SECONDS RUNNING	368621,661186	4115
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DISPLAYS =	63	06	62	+55606	-09X23	+00000	368622,661000
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104717	CLOCK REQUEST @	CLOCKTASK	T1=34472	SECONDS RUNNING	368622,661278	9357
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DISPLAYS =	63	06	62	+55606	-09X22	+00000	368623,661000
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104717	CLOCK REQUEST @	CLOCKTASK	T1=34636	SECONDS RUNNING	368623,661186	4682
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DISPLAYS =	63	06	62	+55606	-09X21	+00000	368624,661000
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104717	CLOCK REQUEST @	CLOCKTASK	T1=35002	SECONDS RUNNING	368624,661186	1115
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DISPLAYS =	63	06	62	+55606	-09X20	+00000	368625,661000
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104717	CLOCK REQUEST @	CLOCKTASK	T1=35146	SECONDS RUNNING	368625,661173	5343
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DISPLAYS =	63	06	62	+55606	-09X19	+00000	368626,661000
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104717	CLOCK REQUEST @	CLOCKTASK	T1=35312	SECONDS RUNNING	368626,661186	6692
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DISPLAYS =	63	06	62	+55606	-09X18	+00000	368627,661000
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104717	CLOCK REQUEST @	CLOCKTASK	T1=35456	SECONDS RUNNING	368627,661215	6112
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DISPLAYS = 53 06 62 +556 6 -19X17 +10000 3686280 1000

104717 CLECK REQUEST @ CLOKTASK T1=35622 SECONDS RUNNING 3686280 1170 3348

DISPLAYS = 63 06 62 +556 6 -19X16 +10000 3686280 1000

3"  
2"  
1"

LMY99	AGC	1	NASA 212112-61 NEW SIMULATION	MARSHET 2 414415 /FYLFS	LEADAR2-EMVGNTEL 777 /4P 6:31	PAGE 99		
					/DUPLICATE LANDING	LAST SNAP 158500		
			104717	CLOCK REQUEST @ CLCKTASK	T1=35766	SECONDS RUNNING	368635.661213	6484
DISPLAYS =	63	16	62	+55606 -09X15 +00000			368635.661213	0000
			104717	CLOCK REQUEST @ CLCKTASK	T1=36132	SECONDS RUNNING	368631.661186	2115
DISPLAYS =	63	16	62	+55606 -09X14 +00000			368631.661186	0000
			104717	CLOCK REQUEST @ CLCKTASK	T1=36277	SECONDS RUNNING	368631.661213	7351
DISPLAYS =	63	16	62	+55606 -09X13 +00000			368622.661000	0000
			104717	CLOCK REQUEST @ CLCKTASK	T1=36442	SECONDS RUNNING	368637.661213	2683
DISPLAYS =	63	16	62	+55606 -09X12 +00000			368637.661213	0000
			104717	CLOCK REQUEST @ CLCKTASK	T1=36616	SECONDS RUNNING	368637.661173	5114
DISPLAYS =	63	16	62	+55606 -09X11 +00000			368634.000000	0000
			104717	CLOCK REQUEST @ CLCKTASK	T1=36752	SECONDS RUNNING	368634.661186	3349
DISPLAYS =	63	16	62	+55606 -09X10 +00000			368635.000000	0000
			104717	CLOCK REQUEST @ CLCKTASK	T1=37116	SECONDS RUNNING	368635.661173	8681
DISPLAYS =	63	16	62	+55606 -09X09 +00000			368636.000000	0000
			104717	CLOCK REQUEST @ CLCKTASK	T1=37242	SECONDS RUNNING	368637.661213	4117
DISPLAYS =	63	16	62	+55606 -09X08 +00000			368637.000000	0000
			104717	CLOCK REQUEST @ CLCKTASK	T1=37426	SECONDS RUNNING	368637.661173	9348
DISPLAYS =	63	16	62	+55606 -09X07 +00000			368638.000000	0000
			104717	CLOCK REQUEST @ CLCKTASK	T1=37572	SECONDS RUNNING	368633.661120	4683
DISPLAYS =	63	16	62	+55606 -09X06 +00000			368639.000000	0000
			104717	CLOCK REQUEST @ CLCKTASK	T1=37736	SECONDS RUNNING	368639.661173	7114
DISPLAYS =	63	16	62	+55606 -09X05 +00000			368640.000000	0000
			104717	CLOCK REQUEST @ CLCKTASK	T1=00192	SECONDS RUNNING	368641.661186	5349
DISPLAYS =	63	16	62	+55606 -09X04 +00000			368641.000000	0000
			104717	CLOCK REQUEST @ CLCKTASK	T1=00246	SECONDS RUNNING	368641.661173	7681
DISPLAYS =	63	16	62	+55606 -09X03 +00000			368642.000000	0000
			104717	CLOCK REQUEST @ CLCKTASK	T1=00412	SECONDS RUNNING	368642.661186	6015
DISPLAYS =	63	16	62	+55606 -09X02 +00000			368642.000000	0000

ROYALTY BUSINESS FORMS INCORPORATED

104717 CLCK REQUEST @ CLCKTASK

T1=0055

SECONDS RUNNING

368646.0000

1349

LMY99 AGC 001 NASA 2 21112-161 NEW SIMULATION MARSFOT 20414415 /EYLES LRFADAR2.EMVCONTPL 7/23/60 14:45 PAGE 100 /DUPLICATE LANDING LAST SNAP 368600

DISPLAYS = 63 06 62 +55606 -09X11 +00000 368646.00000

104717 CLCK REQUEST @ CLCKTASK T1=0072 SECONDS RUNNING 368646.0012 6683

DISPLAYS = 63 06 62 +55606 -09X11 +00000 368646.00000

104717 CLCK REQUEST @ CLCKTASK T1=0105 SECONDS RUNNING 368646.001173 2114

DISPLAYS = 63 06 62 +55606 -08X59 +00000 368646.00000

104717 CLCK REQUEST @ CLCKTASK T1=0123 SECONDS RUNNING 368646.001186 7349

DISPLAYS = 63 06 62 +55606 -08X58 +00000 368647.00000

104717 CLCK REQUEST @ CLCKTASK T1=0137 SECONDS RUNNING 368647.001173 2681

DISPLAYS = 63 06 62 +55606 -08X57 +00000 368648.00000

104717 CLCK REQUEST @ CLCKTASK T1=0142 SECONDS RUNNING 368648.001200 8017

DISPLAYS = 63 06 62 +55606 -08X56 +00000 368649.00000

104717 CLCK REQUEST @ CLCKTASK T1=0176 SECONDS RUNNING 368649.001186 3349

DISPLAYS = 63 06 62 +55606 -08X55 +00000 368650.00000

SNAPSHCT 368650 SECONDS RUNNING 368650.000039

ROYALTY BUSINESS FORMS INCORPORATED

104717	CLOCK REQUEST @ CLCKTASK					T1=02052	SECONDS RUNNING	368650.661200	8683
DISPLAYS =	63	76	02	+55676	-08X54	+00000		368651.00000	0000
104717	CLOCK REQUEST @ CLCKTASK					T1=12216	SECONDS RUNNING	368651.661173	4974
DISPLAYS =	63	76	02	+55676	-08X53	+00000		368652.00000	0000
104717	CLOCK REQUEST @ CLCKTASK					T1=12362	SECONDS RUNNING	368652.661200	935
DISPLAYS =	63	76	02	+55676	-08X52	+00000		368653.00000	0000
104717	CLOCK REQUEST @ CLCKTASK					T1=12526	SECONDS RUNNING	368653.661180	4682
DISPLAYS =	63	76	02	+55676	-08X51	+00000		368654.00000	0000
104717	CLOCK REQUEST @ CLCKTASK					T1=12672	SECONDS RUNNING	368654.661173	5114
DISPLAYS =	63	76	02	+55676	-08X50	+00000		368655.00000	0000
104717	CLOCK REQUEST @ CLCKTASK					T1=13036	SECONDS RUNNING	368655.661173	5349
DISPLAYS =	63	76	02	+55676	-08X49	+00000		368656.00000	0000
104717	CLOCK REQUEST @ CLCKTASK					T1=13202	SECONDS RUNNING	368656.661173	6691
DISPLAYS =	63	06	02	+55676	-08X48	+00000		368657.00000	0000
104717	CLOCK REQUEST @ CLCKTASK					T1=13346	SECONDS RUNNING	368657.661186	6115
DISPLAYS =	63	76	02	+55676	-08X47	+00000		368658.00000	0000
104717	CLOCK REQUEST @ CLCKTASK					T1=13512	SECONDS RUNNING	368658.661252	1354
DISPLAYS =	63	76	02	+55676	-08X46	+00000		368659.00000	0000
104717	CLOCK REQUEST @ CLCKTASK					T1=13656	SECONDS RUNNING	368659.661200	6583
DISPLAYS =	63	76	02	+55676	-08X45	+00000		368660.00000	0000
104717	CLOCK REQUEST @ CLCKTASK					T1=14122	SECONDS RUNNING	368661.661213	2018
DISPLAYS =	63	76	02	+55676	-08X44	+00000		368661.00000	0000
104717	CLOCK REQUEST @ CLCKTASK					T1=14166	SECONDS RUNNING	368661.661213	7351
DISPLAYS =	63	76	02	+55676	-08X43	+00000		368662.00000	0000
104717	CLOCK REQUEST @ CLCKTASK					T1=14332	SECONDS RUNNING	368662.661213	2684
DISPLAYS =	63	76	02	+55676	-08X42	+00000		368663.00000	0000
104717	CLOCK REQUEST @ CLCKTASK					T1=14476	SECONDS RUNNING	368663.661200	8017
DISPLAYS =	63	76	02	+55676	-08X41	+00000		368664.00000	0000

104717	CLCK	REQUEST	@	CLCKTASK	T1=04642	SECONDS	RUNNING	368665.000000	35
LMY99	AGC	01	NASA	2021112-001	NEW SIMULATION	MARSPOT	20414415 /FYLE5	LPRADAR2 ENVNCTPL 77.7/5= 14:43 /DUPLICATE LANDING LAST	PAGE 102 SNAP 368650
DISPLAYS =	63	06	62	+55606	-08X47	+00000		368665.000000	
104717	CLCK	REQUEST	@	CLCKTASK	T1=05116	SECONDS	RUNNING	368665.661239	3687
DISPLAYS =	63	06	62	+55606	-08X39	+00000		368666.000000	
104717	CLCK	REQUEST	@	CLCKTASK	T1=05152	SECONDS	RUNNING	368666.661213	4013
DISPLAYS =	63	06	62	+55606	-08X38	+00000		368667.000000	
104717	CLCK	REQUEST	@	CLCKTASK	T1=05316	SECONDS	RUNNING	368667.661186	6340
DISPLAYS =	63	06	62	+55606	-08X37	+00000		368668.000000	
104717	CLCK	REQUEST	@	CLCKTASK	T1=05462	SECONDS	RUNNING	368668.661225	4685
DISPLAYS =	63	06	62	+55606	-08X36	+00000		368669.000000	
104717	CLCK	REQUEST	@	CLCKTASK	T1=05626	SECONDS	RUNNING	368669.661239	1020
DISPLAYS =	63	06	62	+55606	-08X35	+00000		368670.000000	
104717	CLCK	REQUEST	@	CLCKTASK	T1=05772	SECONDS	RUNNING	368670.661186	5349
DISPLAYS =	63	06	62	+55606	-08X34	+00000		368671.000000	
104717	CLCK	REQUEST	@	CLCKTASK	T1=06136	SECONDS	RUNNING	368671.661213	1694
DISPLAYS =	63	06	62	+55606	-08X33	+00000		368672.000000	
104717	CLCK	REQUEST	@	CLCKTASK	T1=06302	SECONDS	RUNNING	368672.661186	6115
DISPLAYS =	63	06	62	+55606	-08X32	+00000		368673.000000	
104717	CLCK	REQUEST	@	CLCKTASK	T1=06446	SECONDS	RUNNING	368673.661186	1340
DISPLAYS =	63	06	62	+55606	-08X31	+00000		368674.000000	
104717	CLCK	REQUEST	@	CLCKTASK	T1=06612	SECONDS	RUNNING	368674.661213	6684
DISPLAYS =	63	06	62	+55606	-08X30	+00000		368675.000000	
104717	CLCK	REQUEST	@	CLCKTASK	T1=06756	SECONDS	RUNNING	368675.661173	2314
DISPLAYS =	63	06	62	+55606	-08X29	+00000		368676.000000	
104717	CLCK	REQUEST	@	CLCKTASK	T1=07122	SECONDS	RUNNING	368676.661186	7349
DISPLAYS =	63	06	62	+55606	-08X28	+00000		368677.000000	
104717	CLCK	REQUEST	@	CLCKTASK	T1=07266	SECONDS	RUNNING	368677.661226	2485
DISPLAYS =	63	06	62	+55606	-08X27	+00000		368678.000000	
104717	CLCK	REQUEST	@	CLCKTASK	T1=07422	SECONDS	RUNNING	368678.661186	8117
DISPLAYS =	63	06	62	+55606	-08X26	+00000		368679.000000	



LMY99	AGC	101	NASA 2-21112-01 NEW SIMULATION	MAKSHIT 2-414415 /FYLES	LFRADAR2 ENVIRONMENT 7/2/74 14:43	TIME	103	
					/DUPLICATE LAPPING	LAST SNAP	1050	
104717			CLOCK REQUEST @ CLCKTASK		T1=07576	SECONDS RUNNING	368679.661173	9343
DISPLAYS =	63	06	62	+55606 -08X25 +00000			368680.000000	
104717			CLOCK REQUEST @ CLCKTASK		T1=07742	SECONDS RUNNING	368681.661186	9692
DISPLAYS =	63	06	62	+55606 -08X24 +00000			368681.000000	
104717			CLOCK REQUEST @ CLCKTASK		T1=10106	SECONDS RUNNING	368681.661213	4018
DISPLAYS =	63	06	62	+55606 -08X23 +00000			368682.000000	
104717			CLOCK REQUEST @ CLCKTASK		T1=10252	SECONDS RUNNING	368682.661173	9349
DISPLAYS =	63	06	62	+55606 -08X22 +00000			368683.000000	
104717			CLOCK REQUEST @ CLCKTASK		T1=10416	SECONDS RUNNING	368683.661213	4684
DISPLAYS =	63	06	62	+55606 -08X21 +00000			368684.000000	
104717			CLOCK REQUEST @ CLCKTASK		T1=10562	SECONDS RUNNING	368684.661186	9015
DISPLAYS =	63	06	62	+55606 -08X20 +00000			368685.000000	
104717			CLOCK REQUEST @ CLCKTASK		T1=10726	SECONDS RUNNING	368685.661173	5348
DISPLAYS =	63	06	62	+55606 -08X19 +00000			368686.000000	
104717			CLOCK REQUEST @ CLCKTASK		T1=11072	SECONDS RUNNING	368685.661186	9692
DISPLAYS =	63	06	62	+55606 -08X18 +00000			368687.000000	
104717			CLOCK REQUEST @ CLCKTASK		T1=11236	SECONDS RUNNING	368687.661213	6718
DISPLAYS =	63	06	62	+55606 -08X17 +00000			368688.000000	
104717			CLOCK REQUEST @ CLCKTASK		T1=11402	SECONDS RUNNING	368688.661173	1349
DISPLAYS =	63	06	62	+55606 -08X16 +00000			368689.000000	
104717			CLOCK REQUEST @ CLCKTASK		T1=11546	SECONDS RUNNING	368689.661213	6694
DISPLAYS =	63	06	62	+55606 -08X15 +00000			368690.000000	
104717			CLOCK REQUEST @ CLCKTASK		T1=11712	SECONDS RUNNING	368690.661226	2019
DISPLAYS =	63	06	62	+55606 -08X14 +00000			368691.000000	
104717			CLOCK REQUEST @ CLCKTASK		T1=12056	SECONDS RUNNING	368691.661265	7355
DISPLAYS =	63	06	62	+55606 -08X13 +00000			368692.000000	
104717			CLOCK REQUEST @ CLCKTASK		T1=12222	SECONDS RUNNING	368692.661213	2684

DISPLAYS =	63	06	62	+55606	-08X12	+00000					368697.00000
104717	CLCCK REQUEST @ CLOKTASK						T1=12366	SECONDS RUNNING	368697.661239		9220
LMY99 AGC 001 NASA 2 21112-01 NEW SIMULATION MARSROT 2 0414415 /EYLES											LRPADAP2.FNVCNT:1 07/07/69 14:43 PAGE 104
											/DUPLICATE LANDING LAST SNAP 368650
DISPLAYS =	63	06	62	+55606	-08X11	+00000					368697.00000
104717	CLCCK REQUEST @ CLOKTASK						T1=12532	SECONDS RUNNING	368697.661186		2349
DISPLAYS =	63	06	62	+55606	-08X10	+00000					368697.00000
104717	CLCCK REQUEST @ CLOKTASK						T1=12676	SECONDS RUNNING	368697.661171		8691
DISPLAYS =	63	06	62	+55606	-08X09	+00000					368697.00000
104717	CLCCK REQUEST @ CLOKTASK						T1=13042	SECONDS RUNNING	368697.661212		4719
DISPLAYS =	63	06	62	+55606	-08X08	+00000					368697.00000
104717	CLCCK REQUEST @ CLOKTASK						T1=13206	SECONDS RUNNING	368697.661173		9248
DISPLAYS =	63	06	62	+55606	-08X07	+00000					368697.00000
104717	CLCCK REQUEST @ CLOKTASK						T1=13352	SECONDS RUNNING	368697.661213		4694
DISPLAYS =	63	06	62	+55606	-08X06	+00000					368697.00000
104717	CLCCK REQUEST @ CLOKTASK						T1=13516	SECONDS RUNNING	368697.661239		4121
DISPLAYS =	63	06	62	+55606	-08X05	+00000					368697.00000
SNAPSHOT	368700					SECONDS RUNNING	368700				0039

104717	CLCCK	REQUEST	@	CLCKTASK					T1=13662	SECONDS	RUNNING	368710.661186	5249
DISPLAYS =	63	76	62		+55676	-08X04	+00000						368701.000000
104717	CLCCK	REQUEST	@	CLCKTASK					T1=14126	SECONDS	RUNNING	368710.661239	6687
DISPLAYS =	63	76	62		+55676	-08X03	+00000						368712.000000
104717	CLCCK	REQUEST	@	CLCKTASK					T1=14172	SECONDS	RUNNING	368710.661186	6715
DISPLAYS =	63	76	62		+55676	-08X02	+00000						368713.000000
104717	CLCCK	REQUEST	@	CLCKTASK					T1=14336	SECONDS	RUNNING	368710.661186	7349
DISPLAYS =	63	76	62		+55676	-08X01	+00000						368714.000000
104717	CLCCK	REQUEST	@	CLCKTASK					T1=14512	SECONDS	RUNNING	368710.661173	6681
DISPLAYS =	63	76	62		+55676	-08X00	+00000						368705.000000
104717	CLCCK	REQUEST	@	CLCKTASK					T1=14646	SECONDS	RUNNING	368710.661239	2027
DISPLAYS =	63	76	62		+55676	-07X59	+00000						368706.000000
104717	CLCCK	REQUEST	@	CLCKTASK					T1=15112	SECONDS	RUNNING	368710.661173	7348
DISPLAYS =	63	76	62		+55676	-07X58	+00000						368707.000000
104717	CLCCK	REQUEST	@	CLCKTASK					T1=15156	SECONDS	RUNNING	368710.661239	2687
DISPLAYS =	63	76	62		+55676	-07X57	+00000						368719.000000
104717	CLCCK	REQUEST	@	CLCKTASK					T1=15222	SECONDS	RUNNING	368710.661226	8019
DISPLAYS =	63	76	62		+55676	-07X56	+00000						368709.000000
104717	CLCCK	REQUEST	@	CLCKTASK					T1=15466	SECONDS	RUNNING	368710.661173	4348
DISPLAYS =	63	76	62		+55676	-07X55	+00000						368710.000000
104717	CLCCK	REQUEST	@	CLCKTASK					T1=15642	SECONDS	RUNNING	368710.661213	8684
DISPLAYS =	63	76	62		+55676	-07X54	+00000						368711.000000
104717	CLCCK	REQUEST	@	CLCKTASK					T1=15776	SECONDS	RUNNING	368710.661239	4121
DISPLAYS =	63	76	62		+55676	-07X53	+00000						368712.000000
104717	CLCCK	REQUEST	@	CLCKTASK					T1=16142	SECONDS	RUNNING	368710.661186	9349
DISPLAYS =	63	76	62		+55676	-07X52	+00000						368713.000000
104717	CLCCK	REQUEST	@	CLCKTASK					T1=16336	SECONDS	RUNNING	368710.661186	6127

DISPLAYS =	63	76	52	+55606	-17X51	+100000			368714,00000
104717	CLCCK REQUEST @ CLCKTASK					T1=16452	SECONDS RUNNING	368714,661213	0019
LMY99	AGC	001	NASA 2121112- 61 NEW SIMULATION		MARS:DT 20414415 /FYLES		LPRADAR2,AVCNTIL 772/750 14:43	PAGE 106	
							/DUPLICATE LANDING	LAST SNAP	368700
DISPLAYS =	63	06	62	+55606	-17X51	+100000			368715,00000
104717	CLCCK REQUEST @ CLCKTASK					T1=16616	SECONDS RUNNING	368715,661265	5355
DISPLAYS =	63	06	52	+55606	-17X49	+100000			368716,00000
104717	CLCCK REQUEST @ CLCKTASK					T1=16762	SECONDS RUNNING	368716,661173	1681
DISPLAYS =	63	76	62	+55606	-17X48	+100000			368717,00000
104717	CLCCK REQUEST @ CLCKTASK					T1=17126	SECONDS RUNNING	368717,661239	6120
DISPLAYS =	63	06	62	+55606	-17X47	+100000			368718,00000
104717	CLCCK REQUEST @ CLCKTASK					T1=17272	SECONDS RUNNING	368718,661173	1343
DISPLAYS =	63	06	62	+55606	-17X46	+100000			368719,00000
104717	CLCCK REQUEST @ CLCKTASK					T1=17436	SECONDS RUNNING	368719,661173	6691
DISPLAYS =	63	06	62	+55606	-17X45	+100000			368720,00000
104717	CLCCK REQUEST @ CLCKTASK					T1=17612	SECONDS RUNNING	368720,661226	2719
DISPLAYS =	63	06	62	+55606	-17X44	+100000			368721,00000
104717	CLCCK REQUEST @ CLCKTASK					T1=17746	SECONDS RUNNING	368721,661186	7349
DISPLAYS =	63	06	62	+55606	-17X43	+100000			368722,00000
104717	CLCCK REQUEST @ CLCKTASK					T1=20112	SECONDS RUNNING	368722,661213	2684
DISPLAYS =	63	06	62	+55606	-17X42	+100000			368723,00000
104717	CLCCK REQUEST @ CLCKTASK					T1=20255	SECONDS RUNNING	368723,661239	1530
DISPLAYS =	63	06	62	+55606	-17X41	+100000			368724,00000
104717	CLCCK REQUEST @ CLCKTASK					T1=20422	SECONDS RUNNING	368724,661186	3349
DISPLAYS =	63	06	62	+55606	-17X40	+100000			368725,00000
104717	CLCCK REQUEST @ CLCKTASK					T1=20566	SECONDS RUNNING	368725,661239	9687
DISPLAYS =	63	06	62	+55606	-17X39	+100000			368726,00000
104717	CLCCK REQUEST @ CLCKTASK					T1=20732	SECONDS RUNNING	368726,661213	4018
DISPLAYS =	63	06	62	+55606	-17X38	+100000			368727,00000
104717	CLCCK REQUEST @ CLCKTASK					T1=20776	SECONDS RUNNING	368727,661186	9349
DISPLAYS =	63	06	62	+55606	-17X37	+100000			368728,00000
104717	CLCCK REQUEST @ CLCKTASK					T1=21242	SECONDS RUNNING	368728,661213	4633
DISPLAYS =	63	06	62	+55606	-17X36	+100000			368729,00000

LMY99	AGC	1	NASA 021112-L61 NEW SIMULATION	MARKSROT 2 414415 /EYLF5	LRFAD0R20EPV0177 /70 /DUPLICATE LANDING	14:45	PAGE	107
							LAST SNAP	368700
104717			CLCCK REQUEST @ CLCKTASK		T1=21476	SECONDS RUNNING	368730.661239	1029
DISPLAYS =	63	06	62	+556.6 -07X35 +00000			368730.661000	
104717			CLCCK REQUEST @ CLCKTASK		T1=21552	SECONDS RUNNING	368731.661186	5349
DISPLAYS =	63	06	62	+556.6 -07X34 +00000			368731.660000	
104717			CLCCK REQUEST @ CLCKTASK		T1=21716	SECONDS RUNNING	368731.661239	1687
DISPLAYS =	63	06	62	+556.6 -07X33 +00000			368732.660000	
104717			CLCCK REQUEST @ CLCKTASK		T1=22062	SECONDS RUNNING	368732.661213	6018
DISPLAYS =	63	06	62	+556.6 -07X32 +00000			368733.660000	
104717			CLCCK REQUEST @ CLCKTASK		T1=22226	SECONDS RUNNING	368733.661186	1349
DISPLAYS =	63	06	62	+556.6 -07X31 +00000			368734.660000	
104717			CLCCK REQUEST @ CLCKTASK		T1=22372	SECONDS RUNNING	368734.661173	6691
DISPLAYS =	63	06	62	+556.6 -07X30 +00000			368735.660000	
104717			CLCCK REQUEST @ CLCKTASK		T1=22536	SECONDS RUNNING	368735.661186	2015
DISPLAYS =	63	06	62	+556.6 -07X29 +00000			368736.660000	
104717			CLCCK REQUEST @ CLCKTASK		T1=22702	SECONDS RUNNING	368736.661186	7349
DISPLAYS =	63	06	62	+556.6 -07X28 +00000			368737.660000	
104717			CLCCK REQUEST @ CLCKTASK		T1=23146	SECONDS RUNNING	368737.661186	2687
DISPLAYS =	63	06	62	+556.6 -07X27 +00000			368738.660000	
104717			CLCCK REQUEST @ CLCKTASK		T1=23212	SECONDS RUNNING	368738.661173	8014
DISPLAYS =	63	06	62	+556.6 -07X26 +00000			368739.660000	
104717			CLCCK REQUEST @ CLCKTASK		T1=23356	SECONDS RUNNING	368739.661173	2349
DISPLAYS =	63	06	62	+556.6 -07X25 +00000			368740.660000	
104717			CLCCK REQUEST @ CLCKTASK		T1=23522	SECONDS RUNNING	368740.661173	8681
DISPLAYS =	63	06	62	+556.6 -07X24 +00000			368741.660000	
104717			CLCCK REQUEST @ CLCKTASK		T1=23666	SECONDS RUNNING	368741.661186	4015
DISPLAYS =	63	06	62	+556.6 -07X23 +00000			368742.660000	

104717	CLOCK REQUEST @ CLKRTASK	T1=24175	SECONDS RUNNING	24474.4661186	4682
DISPLAYS =	63 06 62 +55610 -07X22 +00700				368742.00000
104717	CLOCK REQUEST @ CLKRTASK	T1=24175	SECONDS RUNNING	24474.4661186	4682

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LMY99 AGC 01 NAS4 0021112-061 NEW SIMULATION MARSROT 20414415 /FYLES LFFADAP% ENVCTRL -77% /67 14:43 PAGE 108  
 /DUPLICATE LANGING LAST SNAP 368700

DISPLAYS =	63	06	62	+55606	-07X21	+00000			368744.000000
104717	CLCK	REQUEST	@	CLCKTASK			T1=24542	SECONDS RUNNING	368744.661173 0014
DISPLAYS =	63	06	62	+55606	-07X20	+00000			368745.000000
104717	CLCK	REQUEST	@	CLCKTASK			T1=24506	SECONDS RUNNING	368745.661173 5348
DISPLAYS =	63	06	62	+55606	-07X19	+00000			368746.000000
104717	CLCK	REQUEST	@	CLCKTASK			T1=24652	SECONDS RUNNING	368746.661186 6682
DISPLAYS =	63	06	62	+55606	-07X18	+00000			368747.000000
104717	CLCK	REQUEST	@	CLCKTASK			T1=25016	SECONDS RUNNING	368747.661186 6115
DISPLAYS =	63	06	62	+55606	-07X17	+00000			368748.000000
104717	CLCK	REQUEST	@	CLCKTASK			T1=25162	SECONDS RUNNING	368748.661186 1349
DISPLAYS =	63	06	62	+55606	-07X16	+00000			368749.000000
104717	CLCK	REQUEST	@	CLCKTASK			T1=25308	SECONDS RUNNING	368749.661198 6692
DISPLAYS =	63	06	62	+55606	-07X15	+00000			368750.000000
SNAPSHOT	368750			SECONDS RUNNING			368750.000035		

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LMY99	AGC	001	NASA 2021112-01	NEW SIMULATION	MARSPT 2 414415 /EYLES	LRRADAR 2, ENVNTR 1 7/2 1/00 14:43	PAGE 109
						/DUPLICATE LANDING LAST SNAP	368750
104717				CLCCK REQUEST @ CLCKTASK	T1=25472	SECONDS RUNNING	368750.661173
DISPLAYS =	63	06	62	+55606 -07X14 +00000			368750.00000
104717				CLCCK REQUEST @ CLCKTASK	T1=25636	SECONDS RUNNING	368750.661186
DISPLAYS =	63	06	62	+55606 -07X13 +00000			368750.00000
104717				CLCCK REQUEST @ CLCKTASK	T1=26102	SECONDS RUNNING	368750.661186
DISPLAYS =	63	06	62	+55606 -07X12 +00000			368750.00000
104717				CLCCK REQUEST @ CLCKTASK	T1=26146	SECONDS RUNNING	368750.661173
DISPLAYS =	63	06	62	+55606 -07X11 +00000			368750.00000
104717				CLCCK REQUEST @ CLCKTASK	T1=26312	SECONDS RUNNING	368750.661186
DISPLAYS =	63	06	62	+55606 -07X10 +00000			368750.00000
104717				CLOCK REQUEST @ CLCKTASK	T1=26456	SECONDS RUNNING	368750.661186
DISPLAYS =	63	06	62	+55606 -07X09 +00000			368750.00000
104717				CLCCK REQUEST @ CLCKTASK	T1=26622	SECONDS RUNNING	368750.661173
DISPLAYS =	63	06	62	+55606 -07X08 +00000			368750.00000
104717				CLCCK REQUEST @ CLCKTASK	T1=26766	SECONDS RUNNING	368750.661173
DISPLAYS =	63	06	62	+55606 -07X07 +00000			368750.00000
104717				CLOCK REQUEST @ CLCKTASK	T1=27132	SECONDS RUNNING	368750.661186
DISPLAYS =	63	06	62	+55606 -07X06 +00000			368750.00000
104717				CLCCK REQUEST @ CLCKTASK	T1=27276	SECONDS RUNNING	368750.661186
DISPLAYS =	63	06	62	+55606 -07X05 +00000			368750.00000
104717				CLOCK REQUEST @ CLCKTASK	T1=27442	SECONDS RUNNING	368750.661173
DISPLAYS =	63	06	62	+55606 -07X04 +00000			368750.00000
104717				CLCCK REQUEST @ CLCKTASK	T1=27606	SECONDS RUNNING	368750.661186
DISPLAYS =	63	06	62	+55606 -07X03 +00000			368760.00000
104717				CLOCK REQUEST @ CLCKTASK	T1=27752	SECONDS RUNNING	368750.661186
DISPLAYS =	63	06	62	+55606 -07X02 +00000			368760.00000
104717				CLCCK REQUEST @ CLCKTASK	T1=30116	SECONDS RUNNING	368760.661186
DISPLAYS =	63	06	62	+55606 -07X01 +00000			368760.00000
104717				CLCCK REQUEST @ CLCKTASK	T1=31262	SECONDS RUNNING	368760.661186
DISPLAYS =	63	06	62	+55606 -07X00 +00000			368760.00000



LMY99	AGC	01	NASA	2-21112-01	NEW SIMULATION	MARSHUT 20414415 /EYLES	LRRAD 2. ENVCH TEL 7/25/75 14:00	PAGE 110
							/DUPLICATE LANDING	LIST SNAP 368750
DISPLAYS =	63	06	62	+55616	-07X50	+00000		368765.00000
104717	CLCCK REQUEST @ CLCCKTASK					T1=31426	SECONDS RUNNING	368765.661186 2115
DISPLAYS =	63	06	62	+55616	-06X59	+00000		368766.00000
104717	CLCCK REQUEST @ CLCCKTASK					T1=31572	SECONDS RUNNING	368766.661173 7348
DISPLAYS =	63	06	62	+55616	-06X58	+00000		368767.00000
104717	CLCCK REQUEST @ CLCCKTASK					T1=31736	SECONDS RUNNING	368767.661186 2682
DISPLAYS =	63	06	62	+55616	-06X57	+00000		368768.00000
104717	CLCCK REQUEST @ CLCCKTASK					T1=31102	SECONDS RUNNING	368768.661173 8114
DISPLAYS =	63	06	62	+55616	-06X56	+00000		368769.00000
104717	CLCCK REQUEST @ CLCCKTASK					T1=31246	SECONDS RUNNING	368769.661173 3348
DISPLAYS =	63	06	62	+55616	-06X55	+00000		368770.00000
104717	CLCCK REQUEST @ CLCCKTASK					T1=31412	SECONDS RUNNING	368770.661173 8681
DISPLAYS =	63	06	62	+55616	-06X54	+00000		368771.00000
104717	CLCCK REQUEST @ CLCCKTASK					T1=31556	SECONDS RUNNING	368771.661186 4115
DISPLAYS =	63	06	62	+55616	-06X53	+00000		368772.00000
104717	CLCCK REQUEST @ CLCCKTASK					T1=31722	SECONDS RUNNING	368772.661186 8349
DISPLAYS =	63	06	62	+55616	-06X52	+00000		368773.00000
104717	CLCCK REQUEST @ CLCCKTASK					T1=32066	SECONDS RUNNING	368773.661186 4682
DISPLAYS =	63	06	62	+55616	-06X51	+00000		368774.00000
104717	CLCCK REQUEST @ CLCCKTASK					T1=32232	SECONDS RUNNING	368774.661173 1014
DISPLAYS =	63	06	62	+55616	-06X50	+00000		368775.00000
104717	CLCCK REQUEST @ CLCCKTASK					T1=32376	SECONDS RUNNING	368775.661186 5349
DISPLAYS =	63	06	62	+55616	-06X49	+00000		368776.00000
104717	CLCCK REQUEST @ CLCCKTASK					T1=32542	SECONDS RUNNING	368776.661173 1681
DISPLAYS =	63	06	62	+55616	-06X48	+00000		368777.00000
104717	CLCCK REQUEST @ CLCCKTASK					T1=32736	SECONDS RUNNING	368777.661173 6114

DISPLAYS =	53	66	62	+55618	-16X47	+10000			268778,000000	
104717	CLOCK REQUEST @ CLCKTASK						T1=331.52	SECONDS RUNNING	268778,661188	1349
DISPLAYS =	63	6	62	+55618	-06X46	+10000			268779,000000	



104717	CLCCK REQUEST @ CLCCKTASK	T1=19.42	SECONDS RUNNING	3627.30661213	1358
DISPLAYS =	63 16 62 +55.00 -0.4X32 +0.0000				368793000000
104717	CLCCK REQUEST @ CLCCKTASK	T1=36.36	SECONDS RUNNING	3627.30661251	1358

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LMY99	AGC	01	NASA 2421112-061 NEW SIMULATION	MARSHOT 2441415 /EYLES	LPPADARZ0.FRWENT01 7/24/88 14:43	PAGE 112	
				/DUPLICATE LAMMING		LAST SNAP 368750	
DISPLAYS =	63	06	62	+55615	-06X31	+00000	368794.00000
104717	CLOCK REQUEST @	CLOCKTASK		T1=36152	SECONDS RUNNING	368796.661213	6684
DISPLAYS =	63	06	62	+55616	-06X30	+00000	368795.00000
104717	CLOCK REQUEST @	CLOCKTASK		T1=36316	SECONDS RUNNING	368795.661239	2023
DISPLAYS =	63	06	62	+55606	-06X29	+00000	368796.00000
104717	CLOCK REQUEST @	CLOCKTASK		T1=36462	SECONDS RUNNING	368796.661173	7349
DISPLAYS =	63	06	62	+55616	-06X28	+00000	368797.00000
104717	CLOCK REQUEST @	CLOCKTASK		T1=36626	SECONDS RUNNING	368797.661226	2685
DISPLAYS =	63	06	62	+55616	-06X27	+00000	368798.00000
104717	CLOCK REQUEST @	CLOCKTASK		T1=36772	SECONDS RUNNING	368798.661173	8014
DISPLAYS =	63	06	62	+55616	-06X26	+00000	368799.00000
104717	CLOCK REQUEST @	CLOCKTASK		T1=37136	SECONDS RUNNING	368799.661186	3340
DISPLAYS =	63	06	62	+55616	-06X25	+00000	368800.00000
SNAPSHOT	368800		SECONDS RUNNING	368800.000000			

LMY99	AGC	TIME	NASA 2121112-001 NEW SIMULATION	MARSKOT 2 14415 /EYLES	LPRADAP 2,0 ENVCONTPL 17/21/89 04:43	PAGE 113
						LAST SNAP 368800
		104717	CLOCK REQUEST @ CLOKTASK	T1=37312	SECONDS RUNNING	368800,661239 4687
DISPLAYS =	63	06	62	+55606	-06X24	+00000 368800,661239
		104717	CLOCK REQUEST @ CLOKTASK	T1=37446	SECONDS RUNNING	368800,661186 4015
DISPLAYS =	63	06	62	+55606	-06X23	+00000 368800,661239
		104717	CLOCK REQUEST @ CLOKTASK	T1=37612	SECONDS RUNNING	368800,661173 9349
DISPLAYS =	63	06	62	+55606	-06X22	+00000 368800,661239
		104717	CLOCK REQUEST @ CLOKTASK	T1=37756	SECONDS RUNNING	368800,661186 4682
DISPLAYS =	63	06	62	+55606	-06X21	+00000 368800,661239
		104717	CLOCK REQUEST @ CLOKTASK	T1=37822	SECONDS RUNNING	368800,661252 6021
DISPLAYS =	63	06	62	+55606	-06X20	+00000 368800,661239
		104717	CLOCK REQUEST @ CLOKTASK	T1=37954	SECONDS RUNNING	368800,661239 5353
DISPLAYS =	63	06	62	+55606	-06X19	+00000 368800,661239
		104717	CLOCK REQUEST @ CLOKTASK	T1=38032	SECONDS RUNNING	368800,661226 3685
DISPLAYS =	63	06	62	+55606	-06X18	+00000 368800,661239
		104717	CLOCK REQUEST @ CLOKTASK	T1=38176	SECONDS RUNNING	368800,661173 6014
DISPLAYS =	63	06	62	+55606	-06X17	+00000 368800,661239
		104717	CLOCK REQUEST @ CLOKTASK	T1=38242	SECONDS RUNNING	368800,661213 1351
DISPLAYS =	63	06	62	+55606	-06X16	+00000 368800,661239
		104717	CLOCK REQUEST @ CLOKTASK	T1=38316	SECONDS RUNNING	368800,661173 6681
DISPLAYS =	63	06	62	+55606	-06X15	+00000 368800,661239
		104717	CLOCK REQUEST @ CLOKTASK	T1=38352	SECONDS RUNNING	368800,661213 2019
DISPLAYS =	63	06	62	+55606	-06X14	+00000 368800,661239
		104717	CLOCK REQUEST @ CLOKTASK	T1=38416	SECONDS RUNNING	368800,661186 7349
DISPLAYS =	63	06	62	+55606	-06X13	+00000 368800,661239
		104717	CLOCK REQUEST @ CLOKTASK	T1=38562	SECONDS RUNNING	368800,661226 2695
DISPLAYS =	63	06	62	+55606	-06X12	+00000 368800,661239
		104717	CLOCK REQUEST @ CLOKTASK	T1=38726	SECONDS RUNNING	368800,661173 8114
DISPLAYS =	63	06	62	+55606	-06X11	+00000 368800,661239

104717	CLOCK REQUEST @ CLCKTASK	T1= 1562	SECONDS RUNNING	68.12.6e1226	2685
DISPLAYS =	63 16 62 +55615 -06X12 +00 11				368814.0000
104717	CLOCK REQUEST @ CLCKTASK	T1= 1726	SECONDS RUNNING	36.1.6e1173	811
DISPLAYS =	63 16 62 +55615 -06X11 +00 11				368814.0000
104717	CLOCK REQUEST @ CLCKTASK	T1= 2172	SECONDS RUNNING	14.014.0e1259	3353

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LMY99	AGC	001	NASA 2121112-061	NEW SIMULATION	MARSROT 20414415 /EYLES	LRRADAR2, ENVCNTPL 17/24/66 14:43	PAGE 114
							LAST SNAP 368800
DISPLAYS =	63	06	62	+55606	-06X10	+00000	368815,00000
104717	CLCCK	REQUEST	@	CLCKTASK	T1=02236	SECONDS RUNNING	268915,661173 8691
DISPLAYS =	63	06	62	+55606	-06X09	+00000	368816,00000
104717	CLCCK	REQUEST	@	CLCKTASK	T1=02402	SECONDS RUNNING	268916,661226 4019
DISPLAYS =	63	06	62	+55606	-06X08	+00000	368817,00000
104717	CLCCK	REQUEST	@	CLCKTASK	T1=02546	SECONDS RUNNING	268917,661211 4391
DISPLAYS =	63	06	62	+55606	-06X07	+00000	368818,00000
104717	CLCCK	REQUEST	@	CLCKTASK	T1=02712	SECONDS RUNNING	268918,661226 4695
DISPLAYS =	63	06	62	+55606	-06X06	+00000	368819,00000
104717	CLCCK	REQUEST	@	CLCKTASK	T1=03056	SECONDS RUNNING	268919,661173 4914
DISPLAYS =	63	06	62	+55606	-06X05	+00000	368820,00000
104717	CLCCK	REQUEST	@	CLCKTASK	T1=03222	SECONDS RUNNING	268920,661230 5353
DISPLAYS =	63	06	62	+55606	-06X04	+00000	368821,00000
104717	CLCCK	REQUEST	@	CLCKTASK	T1=03366	SECONDS RUNNING	268921,661173 7691
DISPLAYS =	63	06	62	+55606	-06X03	+00000	368822,00000
104717	CLCCK	REQUEST	@	CLCKTASK	T1=03532	SECONDS RUNNING	268922,661252 6021
DISPLAYS =	63	06	62	+55606	-06X02	+00000	368823,00000
104717	CLCCK	REQUEST	@	CLCKTASK	T1=03676	SECONDS RUNNING	268923,661200 1351
DISPLAYS =	63	06	62	+55606	-06X01	+00000	368824,00000
104717	CLCCK	REQUEST	@	CLCKTASK	T1=04042	SECONDS RUNNING	268924,661252 6698
DISPLAYS =	63	06	62	+55606	-06X00	+00000	368825,00000
104717	CLCCK	REQUEST	@	CLCKTASK	T1=04206	SECONDS RUNNING	268925,661173 2014
DISPLAYS =	63	06	62	+55606	-05X59	+00000	368826,00000
104717	CLCCK	REQUEST	@	CLCKTASK	T1=04352	SECONDS RUNNING	268926,661186 7340
DISPLAYS =	63	06	62	+55606	-05X58	+00000	368827,00000
104717	CLCCK	REQUEST	@	CLCKTASK	T1=04516	SECONDS RUNNING	268927,661190 2682
DISPLAYS =	63	06	62	+55606	-05X57	+00000	368828,00000
104717	CLCCK	REQUEST	@	CLCKTASK	T1=04662	SECONDS RUNNING	268928,661252 4021



DISPLAYS =	63	16	62	+55676	-15X58	+00000			368827.00000
104717	CLOCK REQUEST	0	CLOCKTASK				T1=14515	SECONDS RUNNING	4.0E+27=61197
DISPLAYS =	63	16	62	+55676	-15X57	+00000			368825.00000
104717	CLOCK REQUEST	0	CLOCKTASK				T1=14662	SECONDS RUNNING	3.0E+27=61197
DISPLAYS =	63	16	62	+55676	-15X56	+00000			368825.00000

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LMY99	AGC	1-1	NASA 2021112-161 NEW SIMULATION	MARSBOT 20414415 /EYLES	LPRADAR2,EMVCONTPL 77/ /- 14:43	PAGE 115
					/DUPLICATE LANDING LAST SNAP	368800
104717			CLCCK REQUEST @ CLCCKTASK	T1= 5126	SECONDS RUNNING	368824.661265 3355
DISPLAYS =	63	06	62 +55616 -05X55 +00000			368831.000000
104717			CLCCK REQUEST @ CLCCKTASK	T1= 5172	SECONDS RUNNING	368842.661252 8698
DISPLAYS =	63	06	62 +55616 -05X54 +00000			368831.000000
104717			CLCCK REQUEST @ CLCCKTASK	T1=05336	SECONDS RUNNING	368831.661173 4114
DISPLAYS =	63	06	62 +55616 -05X53 +00000			368832.000000
104717			CLCCK REQUEST @ CLCCKTASK	T1=15592	SECONDS RUNNING	368832.661239 9353
DISPLAYS =	63	06	62 +55616 -05X52 +00000			368833.000000
104717			CLCCK REQUEST @ CLCCKTASK	T1=15646	SECONDS RUNNING	368833.661173 4691
DISPLAYS =	63	06	62 +55616 -05X51 +00000			368834.000000
104717			CLCCK REQUEST @ CLCCKTASK	T1=16112	SECONDS RUNNING	368834.661252 9021
DISPLAYS =	63	06	62 +55616 -05X50 +00000			368835.000000
104717			CLCCK REQUEST @ CLCCKTASK	T1=16156	SECONDS RUNNING	368835.661186 5249
DISPLAYS =	63	06	62 +55616 -05X49 +00000			368836.000000
104717			CLCCK REQUEST @ CLCCKTASK	T1=16322	SECONDS RUNNING	368836.661252 689
DISPLAYS =	63	06	62 +55616 -05X48 +00000			368837.000000
104717			CLCCK REQUEST @ CLCCKTASK	T1=16466	SECONDS RUNNING	368837.661173 6114
DISPLAYS =	63	06	62 +55616 -05X47 +00000			368838.000000
104717			CLCCK REQUEST @ CLCCKTASK	T1=16632	SECONDS RUNNING	368838.661186 1349
DISPLAYS =	63	06	62 +55616 -05X46 +00000			368839.000000
104717			CLCCK REQUEST @ CLCCKTASK	T1=16776	SECONDS RUNNING	368839.661186 6682
DISPLAYS =	63	06	62 +55616 -05X45 +00000			368841.000000
104717			CLCCK REQUEST @ CLCCKTASK	T1=17142	SECONDS RUNNING	368841.661252 2021
DISPLAYS =	63	06	62 +55616 -05X44 +00000			368841.000000
104717			CLCCK REQUEST @ CLCCKTASK	T1=17316	SECONDS RUNNING	368841.661239 7353
DISPLAYS =	63	06	62 +55616 -05X43 +00000			368842.000000
104717			CLCCK REQUEST @ CLCCKTASK	T1=17452	SECONDS RUNNING	368842.661252 7599
DISPLAYS =	63	06	62 +55616 -05X42 +00000			368843.000000

104717	CLOCK REQUEST @ CLKTASK	T1=17716	SECONDS RUNNING	69041.661249	7353
DISPLAYS =	63 6 62 +556 5 -05X43 +0000				69042.0000
104717	CLOCK REQUEST @ CLKTASK	T1=17452	SECONDS RUNNING	69041.661249	8349
DISPLAYS =	63 06 62 +556 16 -05X42 +0000				69043.0000
104717	CLOCK REQUEST @ CLKTASK	T1=17616	SECONDS RUNNING	69041.661175	8314

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LMY99 AGC 001 NASA 2-21112-461 NEW SIMULATION MARSFOT 2-414419 /EYLES LFRADAR2-ENVCHTEL 7/12/83 14:13 PAGE 116  
 /DUPLICATE LANDING LAST SNAP 368800

DISPLAYS = 63 06 62 +55606 -05X41 +00000 368846.000000

104717 CLOCK REQUEST @ CLCKTASK T1=7762 SECONDS RUNNING 368846.661239 3353

DISPLAYS = 63 06 62 +55606 -05X41 +00000 368846.000000

104717 CLOCK REQUEST @ CLOKTASK T1=1.126 SECONDS RUNNING 368846.661173 8681

DISPLAYS = 63 06 62 +55606 -05X39 +00000 368846.000000

104717 CLOCK REQUEST @ CLCKTASK T1=10272 SECONDS RUNNING 368846.661252 4721

DISPLAYS = 63 06 62 +55606 -05X38 +00000 368847.000000

104717 CLOCK REQUEST @ CLCKTASK T1=10436 SECONDS RUNNING 368847.661186 9349

DISPLAYS = 63 06 62 +55606 -05X37 +00000 268848.000000

104717 CLOCK REQUEST @ CLCKTASK T1=10612 SECONDS RUNNING 368848.661186 4692

DISPLAYS = 63 06 62 +55606 -05X36 +00000 368849.000000

104717 CLOCK REQUEST @ CLOKTASK T1=10746 SECONDS RUNNING 368849.661186 15

DISPLAYS = 63 06 62 +55606 -05X35 +00000 368850.000000

SNAPSHCT 368850 SECONDS RUNNING 368850.661239

LMY99	AGC	001	NASA 2121112-061 NEW SIMULATION	MARSFOT 23414415 /EYLES	LFRADEF2.FMVCNTL 7/27/88 14:43	PAGE 117
					/DUPLICATE LANDING	LAST SNAP 368850
104717			CLCCK REQUEST @ CLCKTASK	T1=11112	SECONDS RUNNING	368850.661186 5349
DISPLAYS =	63	06	62 +55616 -05X34 +0000			368851.000000
104717			CLCCK REQUEST @ CLCKTASK	T1=11255	SECONDS RUNNING	368851.661173 681
DISPLAYS =	63	06	62 +55606 -05X33 +0000			368852.000000
104717			CLCCK REQUEST @ CLCKTASK	T1=11422	SECONDS RUNNING	368852.661252 6121
DISPLAYS =	63	06	62 +55616 -05X32 +0000			368853.000000
104717			CLCCK REQUEST @ CLCKTASK	T1=11566	SECONDS RUNNING	368854.661239 1353
DISPLAYS =	63	06	62 +55606 -05X31 +0000			368854.000000
104717			CLCCK REQUEST @ CLCKTASK	T1=11732	SECONDS RUNNING	368854.661252 6689
DISPLAYS =	63	06	62 +55616 -05X30 +0000			368855.000000
104717			CLCCK REQUEST @ CLCKTASK	T1=12176	SECONDS RUNNING	368855.661173 2714
DISPLAYS =	63	06	62 +55616 -05X29 +0000			368856.000000
104717			CLCCK REQUEST @ CLCKTASK	T1=12242	SECONDS RUNNING	368856.661251 7354
DISPLAYS =	63	06	62 +55606 -05X28 +0000			368857.000000
104717			CLCCK REQUEST @ CLCKTASK	T1=12416	SECONDS RUNNING	368857.661173 2681
DISPLAYS =	63	06	62 +55616 -05X27 +0000			368858.000000
104717			CLCCK REQUEST @ CLCKTASK	T1=12552	SECONDS RUNNING	368858.661252 8121
DISPLAYS =	63	06	62 +55606 -05X26 +0000			368859.000000
104717			CLCCK REQUEST @ CLCKTASK	T1=12716	SECONDS RUNNING	368859.661186 3349
DISPLAYS =	63	06	62 +55616 -05X25 +0000			368860.000000
104717			CLCCK REQUEST @ CLCKTASK	T1=13062	SECONDS RUNNING	368861.661252 9698
DISPLAYS =	63	06	62 +55616 -05X24 +0000			368861.000000
104717			CLCCK REQUEST @ CLCKTASK	T1=13226	SECONDS RUNNING	368861.661217 4018
DISPLAYS =	63	06	62 +55616 -05X23 +0000			368862.000000
104717			CLCCK REQUEST @ CLCKTASK	T1=13372	SECONDS RUNNING	368862.661186 5349
DISPLAYS =	63	06	62 +55616 -05X22 +0000			368863.000000
104717			CLCCK REQUEST @ CLCKTASK	T1=13536	SECONDS RUNNING	368863.661252 4693

DISPLAYS =	63	06	62	+55606	-05X21	+00000	T1=13772	SECONDS RUNNING	368860.661173	368860.00000
104717	CLCK	REQUE	ST @	CLCK	TASK					
LMY99	AGC	001	NASA	2J21112-061	NEW	SIMULATION	MARS	POT	20414415	/EYLF5
										PAGE 118
										SNAP 368850
DISPLAYS =	63	06	62	+55606	-05X21	+00000	T1=14046	SECONDS RUNNING	368860.661265	368860.00000
104717	CLCK	REQUE	ST @	CLCK	TASK					
DISPLAYS =	63	06	62	+55606	-05X19	+00000	T1=14212	SECONDS RUNNING	368860.661173	368860.00000
104717	CLCK	REQUE	ST @	CLCK	TASK					
DISPLAYS =	63	06	62	+55606	-05X18	+00000	T1=14356	SECONDS RUNNING	368860.661213	368860.00000
104717	CLCK	REQUE	ST @	CLCK	TASK					
DISPLAYS =	63	06	62	+55606	-05X17	+00000	T1=14522	SECONDS RUNNING	368860.661265	368860.00000
104717	CLCK	REQUE	ST @	CLCK	TASK					
DISPLAYS =	63	06	62	+55606	-05X16	+00000	T1=14666	SECONDS RUNNING	368860.661200	368860.00000
104717	CLCK	REQUE	ST @	CLCK	TASK					
DISPLAYS =	63	06	62	+55606	-05X15	+00000	T1=15032	SECONDS RUNNING	368870.661186	368870.00000
104717	CLCK	REQUE	ST @	CLCK	TASK					
DISPLAYS =	63	06	62	+55606	-05X14	+00000	T1=15176	SECONDS RUNNING	368870.661186	368870.00000
104717	CLCK	REQUE	ST @	CLCK	TASK					
DISPLAYS =	63	06	62	+55606	-05X13	+00000	T1=15342	SECONDS RUNNING	368870.661173	368870.00000
104717	CLCK	REQUE	ST @	CLCK	TASK					
DISPLAYS =	63	06	62	+55606	-05X12	+00000	T1=15506	SECONDS RUNNING	368870.661265	368870.00000
104717	CLCK	REQUE	ST @	CLCK	TASK					
DISPLAYS =	63	06	62	+55606	-05X11	+00000	T1=15652	SECONDS RUNNING	368870.661173	368870.00000
104717	CLCK	REQUE	ST @	CLCK	TASK					
DISPLAYS =	63	06	62	+55606	-05X10	+00000	T1=15816	SECONDS RUNNING	368870.661265	368870.00000
104717	CLCK	REQUE	ST @	CLCK	TASK					
DISPLAYS =	63	06	62	+55606	-05X09	+00000	T1=16162	SECONDS RUNNING	368870.661173	368870.00000
104717	CLCK	REQUE	ST @	CLCK	TASK					
DISPLAYS =	63	06	62	+55606	-05X08	+00000	T1=16326	SECONDS RUNNING	368870.661173	368870.00000
104717	CLCK	REQUE	ST @	CLCK	TASK					
DISPLAYS =	63	06	62	+55606	-05X07	+00000	T1=16472	SECONDS RUNNING	368870.661173	368870.00000
104717	CLCK	REQUE	ST @	CLCK	TASK					
DISPLAYS =	63	06	62	+55606	-05X06	+00000				368870.00000

LMY99	AGC	SI	NASA	Z	21112-061	NEW SIMULATION	MARKSHEET	20414410	VEYLES	LRPADAR?	ENV	CONTPL	77	715	14:45	DATE	119
																SMAP	068850
		104717				CLOCK REQUEST @ CLCKTASK			T1=16636		SECONDS	RUNNING		361873.661265		332	
DISPLAYS =	63	06	62			+55606 -05X05 +00000										368880.00000	
		104717				CLOCK REQUEST @ CLCKTASK			T1=17002		SECONDS	RUNNING		361870.661173		5348	
DISPLAYS =	63	06	62			+55606 -05X04 +00000										368881.00000	
		104717				CLOCK REQUEST @ CLCKTASK			T1=17146		SECONDS	RUNNING		361863.661173		681	
DISPLAYS =	63	06	62			+55606 -05X03 +00000										368892.00000	
		104717				CLOCK REQUEST @ CLCKTASK			T1=17312		SECONDS	RUNNING		361882.661173		614	
DISPLAYS =	63	06	62			+55606 -05X02 +00000										368883.00000	
		104717				CLOCK REQUEST @ CLCKTASK			T1=17456		SECONDS	RUNNING		361881.661186		1349	
DISPLAYS =	63	06	62			+55606 -05X01 +00000										368884.00000	
		104717				CLOCK REQUEST @ CLCKTASK			T1=17622		SECONDS	RUNNING		361864.661172		6681	
DISPLAYS =	63	06	62			+55606 -05X00 +00000										368885.00000	
		104717				CLOCK REQUEST @ CLCKTASK			T1=17766		SECONDS	RUNNING		361885.661186		2015	
DISPLAYS =	63	06	62			+55606 -04X59 +00000										368886.00000	
		104717				CLOCK REQUEST @ CLCKTASK			T1=20132		SECONDS	RUNNING		361866.661256		7353	
DISPLAYS =	63	06	62			+55606 -04X58 +00000										368887.00000	
		104717				CLOCK REQUEST @ CLCKTASK			T1=20276		SECONDS	RUNNING		361887.661250		2688	
DISPLAYS =	63	06	62			+55606 -04X57 +00000										368888.00000	
		104717				CLOCK REQUEST @ CLCKTASK			T1=20442		SECONDS	RUNNING		361888.661186		8015	
DISPLAYS =	63	06	62			+55606 -04X56 +00000										368889.00000	
		104717				CLOCK REQUEST @ CLCKTASK			T1=20606		SECONDS	RUNNING		361889.661173		3348	
DISPLAYS =	63	06	62			+55606 -04X55 +00000										368890.00000	
		104717				CLOCK REQUEST @ CLCKTASK			T1=20752		SECONDS	RUNNING		361889.661173		8691	
DISPLAYS =	63	06	62			+55606 -04X54 +00000										368891.00000	
		104717				CLOCK REQUEST @ CLCKTASK			T1=21116		SECONDS	RUNNING		361891.661252		4021	
DISPLAYS =	63	06	62			+55606 -04X53 +00000										368892.00000	
		104717				CLOCK REQUEST @ CLCKTASK			T1=21262		SECONDS	RUNNING		361891.661265		8355	

DISPLAYS =	63	16	62	+55616	-14X52	+00000			368892.00000
104717	CLCK REQUEST @ CLCKTASK					T1=21426	SECONDS RUNNING	368891.661239	4687
LMY99	AGC	071	NASA 2021112-061 NEW SIMULATION		MARSJUT 20414415 /EYLES		LF PADAR%FNVCNTEL 7/27/81 14:43	PAGE 127	368850
							/DUPLICATE LANDING	LAST SNAP	368850
DISPLAYS =	63	16	62	+55616	-14X51	+00000			368894.00000
104717	CLCK REQUEST @ CLCKTASK					T1=21572	SECONDS RUNNING	368894.661172	0114
DISPLAYS =	63	16	62	+55616	-14X51	+00000			368895.00000
104717	CLCK REQUEST @ CLCKTASK					T1=21736	SECONDS RUNNING	368895.661186	5349
DISPLAYS =	63	16	62	+55616	-14X49	+00000			368896.00000
104717	CLCK REQUEST @ CLCKTASK					T1=22102	SECONDS RUNNING	368896.661186	682
DISPLAYS =	63	16	62	+55616	-14X48	+00000			368897.00000
104717	CLCK REQUEST @ CLCKTASK					T1=22246	SECONDS RUNNING	368897.661251	621
DISPLAYS =	63	16	62	+55616	-14X47	+00000			368898.00000
104717	CLCK REQUEST @ CLCKTASK					T1=22412	SECONDS RUNNING	368898.661239	1353
DISPLAYS =	63	16	62	+55606	-14X46	+00000			368899.00000
104717	CLCK REQUEST @ CLCKTASK					T1=22556	SECONDS RUNNING	368899.661173	6631
DISPLAYS =	63	16	62	+55616	-14X45	+00000			368900.00000
SNAPSHOT	368900			SECONDS RUNNING	368899.661139				



104717	CLOCK REQUEST @	CLOCKTASK				T1=22722	SECONDS RUNNING	36890661173	2014
DISPLAYS =	63	06	62	+55616	-14X44	+10000		36891100000	
104717	CLOCK REQUEST @	CLOCKTASK				T1=22766	SECONDS RUNNING	36891661173	7348
DISPLAYS =	63	06	62	+55616	-14X43	+10000		36892000000	
104717	CLOCK REQUEST @	CLOCKTASK				T1=22832	SECONDS RUNNING	36892661173	2691
DISPLAYS =	63	06	62	+55616	-14X42	+10000		36893000000	
104717	CLOCK REQUEST @	CLOCKTASK				T1=23376	SECONDS RUNNING	36893661265	8122
DISPLAYS =	63	06	62	+55616	-14X41	+10000		36894000000	
104717	CLOCK REQUEST @	CLOCKTASK				T1=23542	SECONDS RUNNING	36894661173	3348
DISPLAYS =	63	06	62	+55615	-14X40	+10000		36895000000	
104717	CLOCK REQUEST @	CLOCKTASK				T1=23756	SECONDS RUNNING	36895661239	8697
DISPLAYS =	63	06	62	+55616	-14X39	+10000		36896000000	
104717	CLOCK REQUEST @	CLOCKTASK				T1=24052	SECONDS RUNNING	36896661173	4014
DISPLAYS =	63	06	62	+55616	-14X38	+10000		36897000000	
104717	CLOCK REQUEST @	CLOCKTASK				T1=24216	SECONDS RUNNING	36897661173	9348
DISPLAYS =	63	06	62	+55616	-14X37	+10000		36898000000	
104717	CLOCK REQUEST @	CLOCKTASK				T1=24362	SECONDS RUNNING	36898661173	4681
DISPLAYS =	63	06	62	+55616	-14X36	+10000		36899000000	
104717	CLOCK REQUEST @	CLOCKTASK				T1=24526	SECONDS RUNNING	36899661173	9014
DISPLAYS =	63	06	62	+55615	-14X35	+10000		36900000000	
104717	CLOCK REQUEST @	CLOCKTASK				T1=24672	SECONDS RUNNING	36900661173	5348
DISPLAYS =	63	06	62	+55616	-14X34	+10000		36901000000	
104717	CLOCK REQUEST @	CLOCKTASK				T1=25036	SECONDS RUNNING	36901661173	1691
DISPLAYS =	63	06	62	+55616	-14X33	+10000		36902000000	
104717	CLOCK REQUEST @	CLOCKTASK				T1=25212	SECONDS RUNNING	36902661173	6014
DISPLAYS =	63	06	62	+55616	-14X32	+10000		36903000000	
104717	CLOCK REQUEST @	CLOCKTASK				T1=25366	SECONDS RUNNING	36903661173	1348

DISPLAYS =	63	06	62	+55606	-14X31	+00000			368914	00000
104717	CLCCK	REQUEST	@	CLCKTASK			T1=2101	SECONDS RUNNING	368914.661213	6694
LMY99	AGC	001	NASA	2121112-061	NEW SIMULATION	MARSDUT	20414415	/EYLES		PAGE 122
									/DUPLICATE LANDING	LAST SNAP 368900
DISPLAYS =	63	06	62	+55606	-14X3	+00000			358915	00000
104717	CLCCK	REQUEST	@	CLCKTASK			T1=26655	SECONDS RUNNING	368915.661213	2718
DISPLAYS =	63	06	62	+55606	-14X29	+00000			368916	00000
104717	CLCCK	REQUEST	@	CLCKTASK			T1=26722	SECONDS RUNNING	368916.661173	7348
DISPLAYS =	63	06	62	+55606	-14X28	+00000			368917	00000
104717	CLCCK	REQUEST	@	CLCKTASK			T1=26166	SECONDS RUNNING	368917.661173	2691
DISPLAYS =	63	06	62	+55606	-14X27	+00000			368918	00000
104717	CLCCK	REQUEST	@	CLCKTASK			T1=26332	SECONDS RUNNING	368918.661213	8118
DISPLAYS =	63	06	62	+55606	-14X26	+00000			368919	00000
104717	CLCCK	REQUEST	@	CLCKTASK			T1=26476	SECONDS RUNNING	368919.661207	3351
DISPLAYS =	63	06	62	+55606	-14X25	+00000			368920	00000
104717	CLCCK	REQUEST	@	CLCKTASK			T1=26642	SECONDS RUNNING	368920.661213	8684
DISPLAYS =	63	06	62	+55606	-14X24	+00000			368921	00000
104717	CLCCK	REQUEST	@	CLCKTASK			T1=27008	SECONDS RUNNING	368921.661205	4117
DISPLAYS =	63	06	62	+55606	-14X23	+00000			368922	00000
104717	CLCCK	REQUEST	@	CLCKTASK			T1=27152	SECONDS RUNNING	368922.661173	9349
DISPLAYS =	63	06	62	+55606	-14X22	+00000			368923	00000
104717	CLCCK	REQUEST	@	CLCKTASK			T1=27316	SECONDS RUNNING	368923.661207	4602
DISPLAYS =	63	06	62	+55606	-14X21	+00000			368924	00000
104717	CLCCK	REQUEST	@	CLCKTASK			T1=27462	SECONDS RUNNING	368924.661462	7729
DISPLAYS =	63	06	62	+55606	-14X20	+00000			368925	00000
104717	CLCCK	REQUEST	@	CLCKTASK			T1=27626	SECONDS RUNNING	368925.661173	5348
DISPLAYS =	63	06	62	+55606	-14X19	+00000			368926	00000
104717	CLCCK	REQUEST	@	CLCKTASK			T1=27772	SECONDS RUNNING	368926.661173	6681
DISPLAYS =	63	06	62	+55606	-14X18	+00000			368927	00000
104717	CLCCK	REQUEST	@	CLCKTASK			T1=27136	SECONDS RUNNING	368927.661173	6114
DISPLAYS =	63	06	62	+55606	-14X17	+00000			368928	00000
104717	CLCCK	REQUEST	@	CLCKTASK			T1=3132	SECONDS RUNNING	368928.661186	1349
DISPLAYS =	63	06	62	+55606	-14X16	+00000			368929	00000

LMY99	ACC	001	NASA 2021112-761	NEW SIMULATION	MARKSHEET 2021112 /BYTES	LF ADAR2, FNVCNTEL 7/7/7	14:43	PAGE 123
						/DUPLICATE LABELING	LAST	SNAP 30000
104717	CLCK	REQEST @	CLCKTASK		T1=31446	SECONDS RUNNING	368930.661173	6630
DISPLAYS =	63	76	62	+55676 -04X15 +00000				368930.661173
104717	CLCK	REQUEST @	CLCKTASK		T1=31412	SECONDS RUNNING	368931.661185	2015
DISPLAYS =	63	76	62	+55676 -04X14 +00000				368931.661185
104717	CLCK	REQUEST @	CLCKTASK		T1=31756	SECONDS RUNNING	368931.661173	7348
DISPLAYS =	63	76	62	+55676 -04X13 +00000				368932.661173
104717	CLCK	REQUEST @	CLCKTASK		T1=31122	SECONDS RUNNING	368932.661173	2681
DISPLAYS =	63	76	62	+55676 -04X12 +00000				368933.661173
104717	CLCK	REQUEST @	CLCKTASK		T1=31266	SECONDS RUNNING	368933.661173	2014
DISPLAYS =	63	76	62	+55676 -04X11 +00000				368934.661173
104717	CLCK	REQUEST @	CLCKTASK		T1=31432	SECONDS RUNNING	368934.661173	3350
DISPLAYS =	63	76	62	+55676 -04X10 +00000				368935.661173
104717	CLCK	REQUEST @	CLCKTASK		T1=31576	SECONDS RUNNING	368935.661173	9681
DISPLAYS =	63	76	62	+55676 -04X09 +00000				368936.661173
104717	CLCK	REQUEST @	CLCKTASK		T1=31742	SECONDS RUNNING	368936.661173	4714
DISPLAYS =	63	76	62	+55676 -04X08 +00000				368937.661173
104717	CLCK	REQUEST @	CLCKTASK		T1=32176	SECONDS RUNNING	368937.661213	9351
DISPLAYS =	63	76	62	+55676 -04X17 +00000				368938.661173
104717	CLCK	REQUEST @	CLCKTASK		T1=32252	SECONDS RUNNING	368938.661173	4681
DISPLAYS =	63	76	62	+55676 -04X06 +00000				368939.661173
104717	CLCK	REQUEST @	CLCKTASK		T1=32416	SECONDS RUNNING	368939.661173	1114
DISPLAYS =	63	76	62	+55676 -04X15 +00000				368940.661173
104717	CLCK	REQUEST @	CLCKTASK		T1=32562	SECONDS RUNNING	368940.661173	5348
DISPLAYS =	63	76	62	+55676 -04X14 +00000				368941.661173
104717	CLCK	REQUEST @	CLCKTASK		T1=32726	SECONDS RUNNING	368941.661173	6681
DISPLAYS =	63	76	62	+55676 -04X13 +00000				368942.661173
104717	CLCK	REQUEST @	CLCKTASK		T1=32872	SECONDS RUNNING	368942.661173	6114

DISPLAYS =

63

6

62

+556 16 -14X12 +10000

268963 1000

104717

CLOCK REQUEST @ CLCKTASK

T1=32236

SECONDS RUNNING

268963.661217

1350

LMY99 AGC 001 NASA 2141112-061 NEW SIMULATION MARSHOT 21414412 /FYLES LEFADAR2,EMVCONT+L 07/21/78 14:45 PAGE 124  
/DUPLICATE LANDING LAST SNAP 368900

DISPLAYS =	63	06	62	+55605	-04X01	+00000			368944.000000
104717	CLOCK REQUEST @ CLCKTASK						T1=33402	SECONDS RUNNING	368944.661173 6681
DISPLAYS =	63	06	62	+55605	-04X01	+00000			368945.000000
104717	CLOCK REQUEST @ CLCKTASK						T1=33546	SECONDS RUNNING	368945.661218 2718
DISPLAYS =	63	06	62	+55606	-03X59	+00000			368946.000000
104717	CLOCK REQUEST @ CLCKTASK						T1=33712	SECONDS RUNNING	368946.661173 7348
DISPLAYS =	63	06	62	+55606	-03X58	+00000			368947.000000
104717	CLOCK REQUEST @ CLCKTASK						T1=34056	SECONDS RUNNING	368947.661186 2692
DISPLAYS =	63	06	62	+55605	-03X57	+00000			368948.000000
104717	CLOCK REQUEST @ CLCKTASK						T1=34222	SECONDS RUNNING	368948.661186 8715
DISPLAYS =	63	06	62	+55605	-03X56	+00000			368949.000000
104717	CLOCK REQUEST @ CLCKTASK						T1=34366	SECONDS RUNNING	368949.661265 3355
DISPLAYS =	63	06	62	+55606	-03X55	+00000			368950.000000
SNAPSHOT	368950							SECONDS RUNNING	368950.000000

LMY99	AGC	001	NASA	20111212-002	NEW SIMULATION	MARSROT 27414415 /FYLFS	LRRADAR2.ENVIRONMENTAL 7/27/90 14:43	PAGE 125	
							/DUPLICATE LANDING LAST SNAP 368950	368950	
						T1=34532	SECONDS RUNNING	368951,661186	8682
DISPLAYS =	63	06	62		+55606 -03X54 +00000			368951,000000	
						T1=34676	SECONDS RUNNING	368951,661173	4114
DISPLAYS =	63	06	62		+55606 -03X53 +00000			368952,000000	
						T1=35042	SECONDS RUNNING	368952,661173	9348
DISPLAYS =	63	06	62		+55606 -03X52 +00000			368953,000000	
						T1=35216	SECONDS RUNNING	368953,661173	4681
DISPLAYS =	63	06	62		+55606 -03X51 +00000			368954,000000	
						T1=35252	SECONDS RUNNING	368954,661186	1115
DISPLAYS =	63	06	62		+55606 -03X50 +00000			368955,000000	
						T1=35516	SECONDS RUNNING	368955,661173	5368
DISPLAYS =	63	06	62		+55606 -03X49 +00000			368956,000000	
						T1=35662	SECONDS RUNNING	368956,661186	7682
DISPLAYS =	63	06	62		+55606 -03X48 +00000			368957,000000	
						T1=36026	SECONDS RUNNING	368957,661173	6014
DISPLAYS =	63	06	62		+55606 -03X47 +00000			368958,000000	
						T1=36172	SECONDS RUNNING	368958,661226	1352
DISPLAYS =	63	06	62		+55606 -03X46 +00000			368959,000000	
						T1=36336	SECONDS RUNNING	368959,661173	6681
DISPLAYS =	63	06	62		+55606 -03X45 +00000			368960,000000	
						T1=36512	SECONDS RUNNING	368960,661186	2215
DISPLAYS =	63	06	62		+55606 -03X44 +00000			368961,000000	
						T1=36646	SECONDS RUNNING	368961,661139	7353
DISPLAYS =	63	06	62		+55606 -03X43 +00000			368962,000000	
						T1=37112	SECONDS RUNNING	368962,661173	2621
DISPLAYS =	63	06	62		+55606 -03X42 +00000			368963,000000	
						T1=37156	SECONDS RUNNING	368963,661175	1114
DISPLAYS =	63	06	62		+55606 -03X41 +00000			368964,000000	

104717

CLCK REQUEST @ CLCKTASK

T1=37)F6

SECONDS RUNNING

2694630.61175

81174

DISPLAYS =

63

66

62

+55076 -13X41 +70000

368964.10180

104717

CLCK REQUEST @ CLCKTASK

T1=37322

SECONDS RUNNING

269964.61186

3349

..1

..2

..3

3"

2"

1"

LMY99	AGC	01	NASA	2121112-161	NEW SIMULATION	MARSPOT 2141445 /FILES	LRRADAR2,FMVCNTPL #7/23/78 14:45	PAGE 126
							/DUPLICATE LANDING	LAST SNAP 368950
DISPLAYS =	63	06	62	+55606	-03X40	+00000		368965,00000
104717	CLOCK	REQUEST @	CLOCKTASK				T1=27456	SECONDS RUNNING 368965,661173 8691
DISPLAYS =	63	06	62	+55606	-03X39	+00000		368966,00000
104717	CLOCK	REQUEST @	CLOCKTASK				T1=37632	SECONDS RUNNING 368966,661172 4014
DISPLAYS =	63	06	62	+55606	-03X38	+00000		368967,00000
104717	CLOCK	REQUEST @	CLOCKTASK				T1=37776	SECONDS RUNNING 368967,661173 9348
DISPLAYS =	63	06	62	+55606	-03X37	+00000		368968,00000
104717	CLOCK	REQUEST @	CLOCKTASK				T1=00142	SECONDS RUNNING 368968,661186 4682
DISPLAYS =	63	06	62	+55606	-03X36	+00000		368969,00000
104717	CLOCK	REQUEST @	CLOCKTASK				T1=00316	SECONDS RUNNING 368969,661172 0014
DISPLAYS =	63	06	62	+55606	-03X35	+00000		368970,00000
104717	CLOCK	REQUEST @	CLOCKTASK				T1=00452	SECONDS RUNNING 368970,661265 5355
DISPLAYS =	63	06	62	+55606	-03X34	+00000		368971,00000
104717	CLOCK	REQUEST @	CLOCKTASK				T1=00616	SECONDS RUNNING 368971,661173 0691
DISPLAYS =	63	06	62	+55606	-03X33	+00000		368972,00000
104717	CLOCK	REQUEST @	CLOCKTASK				T1=00762	SECONDS RUNNING 368972,661186 6015
DISPLAYS =	63	06	62	+55606	-03X32	+00000		368973,00000
104717	CLOCK	REQUEST @	CLOCKTASK				T1=01126	SECONDS RUNNING 368973,661265 1355
DISPLAYS =	63	06	62	+55606	-03X31	+00000		368974,00000
104717	CLOCK	REQUEST @	CLOCKTASK				T1=01272	SECONDS RUNNING 368974,661186 6682
DISPLAYS =	63	06	62	+55606	-03X30	+00000		368975,00000
104717	CLOCK	REQUEST @	CLOCKTASK				T1=01436	SECONDS RUNNING 368975,661172 2014
DISPLAYS =	63	06	62	+55606	-03X29	+00000		368976,00000
104717	CLOCK	REQUEST @	CLOCKTASK				T1=01612	SECONDS RUNNING 368976,661186 7349
DISPLAYS =	63	06	62	+55606	-03X28	+00000		368977,00000
104717	CLOCK	REQUEST @	CLOCKTASK				T1=01746	SECONDS RUNNING 368977,661173 2681
DISPLAYS =	63	06	62	+55606	-03X27	+00000		368978,00000



DISPLAYS = 63 75 52 +556 6 -13X27 +100000

368978.11000

104717 CLCK REQUEST 3 CLCKTASK

T1=12112

SECONDS RPTD IN C

368978.11000

8014

DISPLAYS = 63 16 52 +556 6 -13X26 +100000

368978.11000

3"

2"

1"



104717	CLOCK REQUEST @ CLKRTASK	T1=04372	SECONDS RUNNING	368213,10000	2015
DISPLAYS =	63 06 62 +55605 -03X14 +00000			368213,10000	
104717	CLOCK REQUEST @ CLKRTASK	T1= 4536	SECONDS RUNNING	368201,10000	7342
DISPLAYS =	63 06 62 +55605 -03X14 +00000			368201,10000	
104717	CLOCK REQUEST @ CLKRTASK	T1= 47 2	SECONDS RUNNING	368200,10000	2642
DISPLAYS =	63 06 62 +55605 -03X12 +00000			368200,10000	
104717	CLOCK REQUEST @ CLKRTASK	T1= 5 45	SECONDS RUNNING	368200,10000	815

LMY99 AGC 001 NASA 2121112- 61 NEW SIMULATION HARSHOT 2141415 /EYLES LIFADAP%EMVNTFL 7/27/68 14:43 PAGE 128  
 /DUPLICATE LANDING LAST SNAP 368950

DISPLAYS =	63	06	62	+55676	-03X11	+10000			368994.00000	
104717	CLOCK REQUEST @	CLCKTASK					T1=05212	SECONDS RUNNING	368994.061278	2357
DISPLAYS =	63	06	62	+55600	-03X10	+10000			368995.00000	
104717	CLOCK REQUEST @	CLCKTASK					T1=05356	SECONDS RUNNING	368995.061186	8682
DISPLAYS =	63	06	62	+55606	-03X09	+10000			368996.00000	
104717	CLOCK REQUEST @	CLCKTASK					T1= 5522	SECONDS RUNNING	368996.061186	4115
DISPLAYS =	63	06	62	+55676	-03X08	+10000			368997.00000	
104717	CLOCK REQUEST @	CLCKTASK					T1=05666	SECONDS RUNNING	368997.061265	9355
DISPLAYS =	63	06	62	+55606	-03X07	+10000			368998.00000	
104717	CLOCK REQUEST @	CLCKTASK					T1=06 32	SECONDS RUNNING	368998.061186	4682
DISPLAYS =	63	06	62	+55606	-03X06	+10000			368999.00000	
104717	CLOCK REQUEST @	CLCKTASK					T1=06176	SECONDS RUNNING	368999.061274	1017
DISPLAYS =	63	06	62	+55676	-03X05	+10000			369000.00000	
SNAPSHOT	369000							SECONDS RUNNING	369000.061274	

LMY99 AGC 001 NASA 2121112- 61 NEW SIMULATION HARSHOT 2141415 /EYLES LIFADAP%EMVNTFL 7/27/68 14:43 PAGE 129  
 /DUPLICATE LANDING LAST SNAP 369000

104717 CLOCK REQUEST @ CLCKTASK T1=06342 SECONDS RUNNING 369000.061174 5348

LMY99	AGC	001	NASA	21112-061	NEW SIMULATION	MARSBOT 2-414433	LEADAR % ENVCNTR	7/2 7/3	14:43	PAGE	129
						/FYLES	/DUPLICATE	LANDING	LAST	SNAP	69000
104717											
DISPLAYS =	63	06	62		+55606	-03X04	+00000				369001000000
104717											
DISPLAYS =	63	06	62		+55606	-03X03	+00000				369002000000
104717											
DISPLAYS =	63	06	62		+55606	-03X02	+00000				369003000000
104717											
DISPLAYS =	63	06	62		+55606	-03X01	+00000				369004000000
104717											
DISPLAYS =	63	06	62		+55606	-03X00	+00000				369005000000
104717											
DISPLAYS =	63	06	62		+55606	-02X59	+00000				369006000000
104717											
DISPLAYS =	63	06	62		+55606	-02X58	+00000				369007000000
104717											
DISPLAYS =	63	06	62		+55606	-02X57	+00000				369008000000
104717											
DISPLAYS =	63	06	62		+55606	-02X56	+00000				369009000000
104717											
DISPLAYS =	63	06	62		+55606	-02X55	+00000				369010000000
104717											
DISPLAYS =	63	06	62		+55606	-02X54	+00000				369011000000
104717											
DISPLAYS =	63	06	62		+55606	-02X53	+00000				369012000000
104717											
DISPLAYS =	63	06	62		+55606	-02X52	+00000				369013000000
104717											
DISPLAYS =	63	06	62		+55606	-02X51	+00000				369014000000

DISPLAYS =	63	06	62	+55606	-02X51	+00000				369014.00000
104717	CLCK	REQUEST @	CLCKTASK				T1=11172	SECONDS	RUNNING	369014.661186
LMY99	AGC	001	NASA 2121112-63	NEW SIMULATION	MARSROT 21414435	/EYLES				0015
										PAGE 130
										SNAP 369000
DISPLAYS =	63	06	62	+55606	-02X50	+00000				369015.00000
104717	CLCK	REQUEST @	CLCKTASK				T1=11276	SECONDS	RUNNING	369015.661186
DISPLAYS =	63	06	62	+55606	-02X49	+00000				369016.00000
104717	CLCK	REQUEST @	CLCKTASK				T1=11442	SECONDS	RUNNING	369016.661186
DISPLAYS =	63	06	62	+55606	-02X48	+00000				369017.00000
104717	CLCK	REQUEST @	CLCKTASK				T1=11606	SECONDS	RUNNING	369017.661173
DISPLAYS =	63	06	62	+55606	-02X47	+00000				369018.00000
104717	CLCK	REQUEST @	CLCKTASK				T1=11752	SECONDS	RUNNING	369018.661252
DISPLAYS =	63	06	62	+55606	-02X46	+00000				369019.00000
104717	CLCK	REQUEST @	CLCKTASK				T1=12116	SECONDS	RUNNING	369019.661173
DISPLAYS =	63	06	62	+55606	-02X45	+00000				369020.00000
104717	CLCK	REQUEST @	CLCKTASK				T1=12262	SECONDS	RUNNING	369020.661173
DISPLAYS =	63	06	62	+55606	-02X44	+00000				369021.00000
104717	CLCK	REQUEST @	CLCKTASK				T1=12426	SECONDS	RUNNING	369021.661239
DISPLAYS =	63	06	62	+55606	-02X43	+00000				369022.00000
104717	CLCK	REQUEST @	CLCKTASK				T1=12572	SECONDS	RUNNING	369022.661186
DISPLAYS =	63	06	62	+55606	-02X42	+00000				369023.00000
104717	CLCK	REQUEST @	CLCKTASK				T1=12736	SECONDS	RUNNING	369023.661173
DISPLAYS =	63	06	62	+55606	-02X41	+00000				369024.00000
104717	CLCK	REQUEST @	CLCKTASK				T1=13102	SECONDS	RUNNING	369024.661186
DISPLAYS =	63	06	62	+55606	-02X40	+00000				369025.00000
104717	CLCK	REQUEST @	CLCKTASK				T1=13246	SECONDS	RUNNING	369025.661173
DISPLAYS =	63	06	62	+55606	-02X39	+00000				369026.00000
104717	CLCK	REQUEST @	CLCKTASK				T1=13412	SECONDS	RUNNING	369026.661186
DISPLAYS =	63	06	62	+55606	-02X38	+00000				369027.00000
104717	CLCK	REQUEST @	CLCKTASK				T1=13556	SECONDS	RUNNING	369027.661173
DISPLAYS =	63	06	62	+55606	-02X37	+00000				369028.00000
104717	CLCK	REQUEST @	CLCKTASK				T1=13722	SECONDS	RUNNING	369028.661173
DISPLAYS =	63	06	62	+55606	-02X36	+00000				369029.00000

1547210

LMY99	AGC	FC1	NASA 2121112-100	NEW SIMULATION	MARSFOT 20414415	ZEYLF5	LRP ADAR20	PNCVNTL	7/21/88	14:43	FRAGT	131
											LAST SNAP	69000
104717				CLOCK REQUEST @ CLOKTASK		T1=14166	SECONDS	RUNNING	369029.661173		6014	
DISPLAYS =	63	06	62	+55616 -02X35 +00000							369030.00000	
104717				CLOCK REQUEST @ CLOKTASK		T1=14232	SECONDS	RUNNING	369031.661265		5355	
DISPLAYS =	63	06	62	+55616 -02X34 +00000							369031.00000	
104717				CLOCK REQUEST @ CLOKTASK		T1=14276	SECONDS	RUNNING	369031.661173		6681	
DISPLAYS =	63	06	62	+55616 -02X33 +00000							369032.00000	
104717				CLOCK REQUEST @ CLOKTASK		T1=14542	SECONDS	RUNNING	369032.661173		6014	
DISPLAYS =	63	06	62	+55616 -02X32 +00000							369033.00000	
104717				CLOCK REQUEST @ CLOKTASK		T1=14706	SECONDS	RUNNING	369033.661252		1354	
DISPLAYS =	63	06	62	+55616 -02X31 +00000							369034.00000	
104717				CLOCK REQUEST @ CLOKTASK		T1=15152	SECONDS	RUNNING	369034.661173		6681	
DISPLAYS =	63	06	62	+55616 -02X30 +00000							369035.00000	
104717				CLOCK REQUEST @ CLOKTASK		T1=15216	SECONDS	RUNNING	369035.661173		2014	
DISPLAYS =	63	06	62	+55616 -02X29 +00000							369036.00000	
104717				CLOCK REQUEST @ CLOKTASK		T1=15362	SECONDS	RUNNING	369036.661173		7348	
DISPLAYS =	63	06	62	+55616 -02X28 +00000							369037.00000	
104717				CLOCK REQUEST @ CLOKTASK		T1=15526	SECONDS	RUNNING	369037.661173		2681	
DISPLAYS =	63	06	62	+55616 -02X27 +00000							369038.00000	
104717				CLOCK REQUEST @ CLOKTASK		T1=15672	SECONDS	RUNNING	369038.661173		8014	
DISPLAYS =	63	06	62	+55616 -02X26 +00000							369039.00000	
104717				CLOCK REQUEST @ CLOKTASK		T1=16036	SECONDS	RUNNING	369039.661186		3349	
DISPLAYS =	63	06	62	+55616 -02X25 +00000							369040.00000	
104717				CLOCK REQUEST @ CLOKTASK		T1=16202	SECONDS	RUNNING	369040.661173		8681	
DISPLAYS =	63	06	62	+55616 -02X24 +00000							369041.00000	
104717				CLOCK REQUEST @ CLOKTASK		T1=16346	SECONDS	RUNNING	369041.661173		4014	
DISPLAYS =	63	06	62	+55616 -02X23 +00000							369042.00000	
104717				CLOCK REQUEST @ CLOKTASK		T1=16512	SECONDS	RUNNING	369042.661265		9355	
DISPLAYS =	63	06	62	+55616 -02X22 +00000							369043.00000	
104717				CLOCK REQUEST @ CLOKTASK		T1=16656	SECONDS	RUNNING	369043.661186		4682	

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/DUPLICATE LAMING LAST SNAP 369000

LMY99	AGC	001	NASA 2021112-161 NEW SIMULATION	MARSROT 2:414418 /EYLES					
DISPLAYS =	63	06	62	+55606	-02x21	+00000			369046.00000
104717	CLCK	REQUEST @	CLOCKTASK				T1=17022	SECONDS RUNNING	369046.661173
DISPLAYS =	63	06	62	+55606	-02x21	+00000			369045.00000
104717	CLCK	REQUEST @	CLOCKTASK				T1=17166	SECONDS RUNNING	369045.661173
DISPLAYS =	63	06	62	+55606	-02x19	+00000			369046.00000
104717	CLCK	REQUEST @	CLOCKTASK				T1=17332	SECONDS RUNNING	369046.661173
DISPLAYS =	63	06	62	+55606	-02x18	+00000			369047.00000
104717	CLCK	REQUEST @	CLOCKTASK				T1=17476	SECONDS RUNNING	369047.661213
DISPLAYS =	63	06	62	+55606	-02x17	+00000			369048.00000
104717	CLCK	REQUEST @	CLOCKTASK				T1=17642	SECONDS RUNNING	369048.661173
DISPLAYS =	63	06	62	+55606	-02x16	+00000			369049.00000
104717	CLCK	REQUEST @	CLOCKTASK				T1=20006	SECONDS RUNNING	369049.661213
DISPLAYS =	63	06	62	+55606	-02x15	+00000			369050.00000
SNAPSHCT	369050							SECONDS RUNNING	369050.00000

154717



LMY99	ACC	01	NASA 2021112-161 NFW SIMULATION	MARSROT 2 414415 /EYLES	LRPADAL % ENVCNTRL 17/2 / 14:4	PAGE 133
				/DUPLICATE LANDIIC		SNAP 20050
104717			CLCCK REQUEST @ CLCKTASK	T1=20152	SECONDS RUNNING	369050.661186
DISPLAYS =	63	16	62 +55606 -02X14 +00000			369051.000000
104717			CLCCK REQUEST @ CLCKTASK	T1=20316	SECONDS RUNNING	369070.661186
DISPLAYS =	63	06	62 +55616 -02X13 +00000			369052.000000
104717			CLCCK REQUEST @ CLCKTASK	T1=20462	SECONDS RUNNING	369052.661211
DISPLAYS =	63	06	62 +55616 -02X12 +00000			369053.000000
104717			CLCCK REQUEST @ CLCKTASK	T1=20626	SECONDS RUNNING	369053.661212
DISPLAYS =	63	06	62 +55616 -02X11 +00000			369054.000000
104717			CLCCK REQUEST @ CLCKTASK	T1=20772	SECONDS RUNNING	369054.661173
DISPLAYS =	63	06	62 +55616 -02X10 +00000			369055.000000
104717			CLCCK REQUEST @ CLCKTASK	T1=21136	SECONDS RUNNING	369055.661213
DISPLAYS =	63	06	62 +55616 -02X09 +00000			369056.000000
104717			CLCCK REQUEST @ CLCKTASK	T1=21302	SECONDS RUNNING	369056.661199
DISPLAYS =	63	06	62 +55616 -02X08 +00000			369057.000000
104717			CLCCK REQUEST @ CLCKTASK	T1=21446	SECONDS RUNNING	369057.661186
DISPLAYS =	63	06	62 +55616 -02X07 +00000			369058.000000
104717			CLCCK REQUEST @ CLCKTASK	T1=21612	SECONDS RUNNING	369058.661173
DISPLAYS =	63	06	62 +55616 -02X06 +00000			369059.000000
104717			CLCCK REQUEST @ CLCKTASK	T1=21756	SECONDS RUNNING	369059.661213
DISPLAYS =	63	06	62 +55616 -02X05 +00000			369060.000000
104717			CLCCK REQUEST @ CLCKTASK	T1=22122	SECONDS RUNNING	369060.661173
DISPLAYS =	63	06	62 +55616 -02X04 +00000			369061.000000
104717			CLCCK REQUEST @ CLCKTASK	T1=22266	SECONDS RUNNING	369061.661213
DISPLAYS =	63	06	62 +55616 -02X03 +00000			369062.000000
104717			CLCCK REQUEST @ CLCKTASK	T1=22432	SECONDS RUNNING	369062.661186
DISPLAYS =	63	06	62 +55616 -02X02 +00000			369063.000000
104717			CLCCK REQUEST @ CLCKTASK	T1=22576	SECONDS RUNNING	369063.661186
DISPLAYS =	63	06	62 +55616 -02X01 +00000			369064.000000

104717 CLCK REQUEST @ CLCKTASK

T1=22742

SECONDS RUNNING

269 74.66118

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LMY99	AGC	001	NASA 2021112-	61 NEW SIMULATION	MARSKOT 2 414415 /EYLES	LRRADAR2.ENVCONTPL 07/27/69 14:43	PAGE 134
						/DUPLICATE LANDING LAST SNAP	369050
DISPLAYS =	63	76	62	+556 6	-02X00 +00000		369065.000000
104717	CLCK	REQUEST	@	CLCKTASK	T1=23116	SECONDS RUNNING	269 73.661186 2015
DISPLAYS =	63	76	62	+556 6	-01X59 +00000		369066.000000
104717	CLCK	REQUEST	@	CLCKTASK	T1=23252	SECONDS RUNNING	269 76.661173 7348
DISPLAYS =	63	76	62	+556 6	-01X58 +00000		369067.000000
104717	CLCK	REQUEST	@	CLCKTASK	T1=23416	SECONDS RUNNING	269 77.661186 2682
DISPLAYS =	63	76	62	+556 6	-01X57 +00000		369068.000000
104717	CLCK	REQUEST	@	CLCKTASK	T1=23562	SECONDS RUNNING	269 78.661213 8719
DISPLAYS =	63	76	62	+556 6	-01X56 +00000		369069.000000
104717	CLCK	REQUEST	@	CLCKTASK	T1=23726	SECONDS RUNNING	269 79.661173 3349
DISPLAYS =	63	76	62	+556 6	-01X55 +00000		369070.000000
104717	CLCK	REQUEST	@	CLCKTASK	T1=24172	SECONDS RUNNING	269 79.661213 8684
DISPLAYS =	63	76	62	+556 6	-01X54 +00000		369071.000000
104717	CLCK	REQUEST	@	CLCKTASK	T1=24236	SECONDS RUNNING	269 79.661186 4015
DISPLAYS =	63	76	62	+556 6	-01X53 +00000		369072.000000
104717	CLCK	REQUEST	@	CLCKTASK	T1=24402	SECONDS RUNNING	269 79.661200 6350
DISPLAYS =	63	76	62	+556 6	-01X52 +00000		369073.000000
104717	CLCK	REQUEST	@	CLCKTASK	T1=24546	SECONDS RUNNING	269 79.661200 4682
DISPLAYS =	63	76	62	+556 6	-01X51 +00000		369074.000000
104717	CLCK	REQUEST	@	CLCKTASK	T1=24712	SECONDS RUNNING	269 79.661213 7718
DISPLAYS =	63	76	62	+556 6	-01X50 +00000		369075.000000
104717	CLCK	REQUEST	@	CLCKTASK	T1=25056	SECONDS RUNNING	269 79.661186 5343
DISPLAYS =	63	76	62	+556 6	-01X49 +00000		369076.000000
104717	CLCK	REQUEST	@	CLCKTASK	T1=25222	SECONDS RUNNING	269 79.661213 0684
DISPLAYS =	63	76	62	+556 6	-01X48 +00000		369077.000000
104717	CLCK	REQUEST	@	CLCKTASK	T1=25366	SECONDS RUNNING	269 79.661186 6715
DISPLAYS =	63	76	62	+556 6	-01X47 +00000		369078.000000
104717	CLCK	REQUEST	@	CLCKTASK	T1=25632	SECONDS RUNNING	269 79.661173 1342

104717	CLCK REQUEST @ CLCKTASK	T1=25366	SECONDS PLUNNINC	26977.6e1186	6715
DISPLAYS =	63 76 62 +556.6 -01X47 +00000				26978.00000
104717	CLCK REQUEST @ CLCKTASK	T1=25532	SECONDS PLUNNINC	26977.6e1173	1340
DISPLAYS =	63 76 62 +556.6 -01X46 +00000				26978.00000

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LMY99	AGC	001	NASA 2121112-161	NEW SIMULATION	MARSHOT 21414418 /EYLES	LRPADAR20 ENVONTPL 7/23/78 14:43	PAGE 135
						/DUPLICATE LANDING	LAST SNAP 369050
104717						T1=25776 SECONDS RUNNING	369079.661186 6692
DISPLAYS =	63	06	62	+55606	-01x45	+00000	369080.000000
104717						T1=26042 SECONDS RUNNING	369090.661213 2118
DISPLAYS =	63	06	62	+55606	-01x44	+00000	369091.000000
104717						T1=26206 SECONDS RUNNING	369101.661173 7348
DISRLAYS =	63	06	62	+55606	-01x43	+00000	369102.000000
104717						T1=26352 SECONDS RUNNING	369112.661213 2684
DISPLAYS =	63	06	62	+55606	-01x42	+00000	369113.000000
104717						T1=26516 SECONDS RUNNING	369123.661186 8015
DISRLAYS =	63	06	62	+55606	-01x41	+00000	369124.000000
104717						T1=26662 SECONDS RUNNING	369134.661226 1352
DISPLAYS =	63	06	62	+55606	-01x40	+00000	369135.000000
104717						T1=27026 SECONDS RUNNING	369145.661186 8582
DISPLAYS =	63	06	62	+55606	-01x39	+00000	369146.000000
104717						T1=27172 SECONDS RUNNING	369156.661213 4012
DISPLAYS =	63	06	62	+55606	-01x38	+00000	369157.000000
104717						T1=27336 SECONDS RUNNING	369167.661186 9349
DISPLAYS =	63	06	62	+55606	-01x37	+00000	369168.000000
104717						T1=27502 SECONDS RUNNING	369178.661213 4684
DISRLAYS =	63	06	62	+55606	-01x36	+00000	369179.000000
104717						T1=27646 SECONDS RUNNING	369189.661210 0317
DISRLAYS =	63	06	62	+55606	-01x35	+00000	369190.000000
104717						T1=30012 SECONDS RUNNING	369200.661173 5348
DISPLAYS =	63	06	62	+55606	-01x34	+00000	369201.000000
104717						T1=30156 SECONDS RUNNING	369211.661186 0682
DISRLAYS =	63	06	62	+55606	-01x33	+00000	369212.000000
104717						T1=30322 SECONDS RUNNING	369222.661213 1118

154/2/15

104717	CLCCK REQUEST @ CLCKTASK	T1=3,154	SECONDS RUNNING	260745.61186	1340
DISPLAYS =	63 02 +56 -1X33 +0				
104717	CLCCK REQUEST @ CLCKTASK	T1=3,132	SECONDS RUNNING	260745.61213	1340
DISPLAYS =	63 02 +56 -1X32 +0				
104717	CLCCK REQUEST @ CLCKTASK	T1=3,466	SECONDS RUNNING	260745.61186	1340

SERIAL PRINTING POWERS INCLUDED IN THIS REPORT  
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LMY99 AGC 0001 NASA 2021112-001 NEW SIMULATION MARSROT 20414415 /EYLES LPRADAR2.ENVONTPL 777/88 14:40 PAGE 136  
 /DUPLICATE LANDING LAST SNAP 369050

DISPLAYS =	63	06	62	+55606	-01X31	+00000			369094.00000
104717							T1=30632	SECONDS RUNNING	369094.061213 6494
DISPLAYS =	63	06	62	+55606	-01X30	+00000			369095.00000
104717							T1=30776	SECONDS RUNNING	369095.061186 215
DISPLAYS =	63	06	62	+55606	-01X29	+00000			369096.00000
104717							T1=31142	SECONDS RUNNING	369096.061200 735
DISPLAYS =	63	06	62	+55606	-01X28	+00000			369097.00000
104717							T1=31306	SECONDS RUNNING	369097.061186 2682
DISPLAYS =	63	06	62	+55606	-01X27	+00000			369098.00000
104717							T1=31452	SECONDS RUNNING	369098.061213 8019
DISPLAYS =	63	06	62	+55606	-01X26	+00000			369099.00000
104717							T1=31616	SECONDS RUNNING	369099.061200 335
DISPLAYS =	63	06	62	+55606	-01X25	+00000			369100.00000
SNAPSHCT	369100							SECONDS RUNNING	369100.00000

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LMY99	AGC	UJ1	NASA 2 21112-661 NEW SIMULATION	MARSPT 2 414418 /EYLES	LRBAP2,BNVCNTRL 1722/456 14:43	PAGE 137
					/DUPLICATE LANDING	LAST SNAP 369100
	104717		CLCCK REQUEST @ CLCKTASK	T1=31762	SECONDS RUNNING	369100.661213 8694
DISPLAYS =	63	06	62	+55606 -01X24 +00000		369100.00000
	104717		CLCCK REQUEST @ CLCKTASK	T1=32126	SECONDS RUNNING	369100.661186 4115
DISPLAYS =	63	06	62	+55606 -01X23 +00000		369102.00000
	104717		CLCCK REQUEST @ CLCKTASK	T1=32272	SECONDS RUNNING	369100.661186 9349
DISPLAYS =	63	06	62	+55606 -01X22 +00000		369103.00000
	104717		CLCCK REQUEST @ CLCKTASK	T1=32436	SECONDS RUNNING	369100.661186 4682
DISPLAYS =	63	06	62	+55606 -01X21 +00000		369104.00000
	104717		CLCCK REQUEST @ CLCKTASK	T1=32612	SECONDS RUNNING	369104.661213 3018
DISPLAYS =	63	06	62	+55606 -01X20 +00000		369105.00000
	104717		CLCCK REQUEST @ CLCKTASK	T1=32746	SECONDS RUNNING	369105.661186 5349
DISPLAYS =	63	06	62	+55606 -01X19 +00000		369106.00000
	104717		CLCCK REQUEST @ CLCKTASK	T1=33112	SECONDS RUNNING	369106.661213 0684
DISPLAYS =	63	06	62	+55606 -01X18 +00000		369107.00000
	104717		CLCCK REQUEST @ CLCKTASK	T1=33256	SECONDS RUNNING	369107.661186 6115
DISPLAYS =	63	06	62	+55606 -01X17 +00000		369108.00000
	104717		CLCCK REQUEST @ CLCKTASK	T1=33422	SECONDS RUNNING	369108.661200 135
DISPLAYS =	63	06	62	+55606 -01X16 +00000		369109.00000
	104717		CLCCK REQUEST @ CLCKTASK	T1=33566	SECONDS RUNNING	369109.661186 6692
DISPLAYS =	63	06	62	+55606 -01X15 +00000		369110.00000
	104717		CLCCK REQUEST @ CLCKTASK	T1=33732	SECONDS RUNNING	369110.661173 2014
DISPLAYS =	63	06	62	+55606 -01X14 +00000		369111.00000
	104717		CLCCK REQUEST @ CLCKTASK	T1=34076	SECONDS RUNNING	369110.661226 7352
DISPLAYS =	63	06	62	+55606 -01X13 +00000		369112.00000
	104717		CLCCK REQUEST @ CLCKTASK	T1=34242	SECONDS RUNNING	369112.661213 2684
DISPLAYS =	63	06	62	+55606 -01X12 +00000		369113.00000
	104717		CLCCK REQUEST @ CLCKTASK	T1=34406	SECONDS RUNNING	369113.661186 8115

DISPLAYS =	63	16	62	+55616	-01X11	+00000				369114.000000	
104717	CLCK	REQUEST	@	CLCKTASK			T1=34552	SECONDS	RUNNING	369114.661173	3349
LMY99	AGC	061	NASA	2721112-061	NEW	SIMULATION	MARSROT	20414415	/EYLES	LFPADAR2.ENVCTRL 07/23/60 14:43	PAGE 128
										/DUPLICATE LANDING	SNAP 369100
DISPLAYS =	63	16	62	+55616	-01X10	+00000				369115.000000	
104717	CLCK	REQUEST	@	CLCKTASK			T1=34716	SECONDS	RUNNING	369115.661186	8582
DISPLAYS =	63	16	62	+55616	-01X09	+00000				369116.000000	
104717	CLCK	REQUEST	@	CLCKTASK			T1=35162	SECONDS	RUNNING	369116.661173	4714
DISPLAYS =	63	06	62	+55616	-01X08	+00000				369117.000000	
104717	CLCK	REQUEST	@	CLCKTASK			T1=35226	SECONDS	RUNNING	369117.661173	9248
DISPLAYS =	63	16	62	+55616	-01X07	+00000				369118.000000	
104717	CLCK	REQUEST	@	CLCKTASK			T1=35372	SECONDS	RUNNING	369118.661213	4684
DISPLAYS =	63	16	62	+55616	-01X06	+00000				369119.000000	
104717	CLCK	REQUEST	@	CLCKTASK			T1=35536	SECONDS	RUNNING	369119.661186	1015
DISPLAYS =	63	06	62	+55616	-01X05	+00000				369120.000000	
104717	CLCK	REQUEST	@	CLCKTASK			T1=35702	SECONDS	RUNNING	369120.661200	5350
DISPLAYS =	63	06	62	+55616	-01X04	+00000				369121.000000	
104717	CLCK	REQUEST	@	CLCKTASK			T1=36046	SECONDS	RUNNING	369121.661186	1682
DISPLAYS =	63	16	62	+55616	-01X03	+00000				369122.000000	
104717	CLCK	REQUEST	@	CLCKTASK			T1=36212	SECONDS	RUNNING	369122.661213	6019
DISPLAYS =	63	06	62	+55616	-01X02	+00000				369123.000000	
104717	CLCK	REQUEST	@	CLCKTASK			T1=36356	SECONDS	RUNNING	369123.661186	1349
DISPLAYS =	63	06	62	+55616	-01X01	+00000				369124.000000	
104717	CLCK	REQUEST	@	CLCKTASK			T1=36522	SECONDS	RUNNING	369124.661213	6694
DISPLAYS =	63	06	62	+55616	-01X00	+00000				369125.000000	
104717	CLCK	REQUEST	@	CLCKTASK			T1=36666	SECONDS	RUNNING	369125.661213	2018
DISPLAYS =	63	06	62	+55616	-01X59	+00000				369126.000000	
104717	CLCK	REQUEST	@	CLCKTASK			T1=37032	SECONDS	RUNNING	369126.661186	7342
DISPLAYS =	63	16	62	+55616	-00X58	+00000				369127.000000	
104717	CLCK	REQUEST	@	CLCKTASK			T1=37176	SECONDS	RUNNING	369127.661186	2682
DISPLAYS =	63	06	62	+55616	-00X57	+00000				369128.000000	
104717	CLCK	REQUEST	@	CLCKTASK			T1=37342	SECONDS	RUNNING	369128.661213	1118

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104717 CLCK REQUEST a CLCKTASK  
DISPLAYS = 63 06 62 +55606 -00X57 +00000

T1=37176 SECONDS RUNNING 669127.6 1186 2682  
369128.00000

104717 CLCK REQUEST a CLCKTASK  
DISPLAYS = 63 06 62 +55606 -00X56 +00000

T1=37342 SECONDS RUNNING 669128.0 661213 7008  
369129.00000

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LMY99	AGC	061	NASA 2121112- 61	NEW SIMULATION	MARSKOT 21414415 /EYLEFS	LPRADAR%FMVCHTAL 7/27/A- 14:47	PAGE 139
							LAST SNAP 369100
104717						SECONDS RUNNING	369129.661173 3348
DISPLAYS =	63	06	62	+55606	-00X55	+00000	369130.000000
104717						SECONDS RUNNING	369130.661173 8681
DISPLAYS =	63	06	62	+55606	-00X54	+00000	369131.000000
104717						SECONDS RUNNING	369131.661173 4714
DISPLAYS =	63	06	62	+55606	-00X53	+00000	369132.000000
104717						SECONDS RUNNING	369132.661173 9348
DISPLAYS =	63	06	62	+55606	-00X52	+00000	369133.000000
104717						SECONDS RUNNING	369133.6611213 4684
DISPLAYS =	63	06	62	+55606	-00X51	+00000	369134.000000
104717						SECONDS RUNNING	369134.661186 0215
DISPLAYS =	63	06	62	+55606	-00X50	+00000	369135.000000
104717						SECONDS RUNNING	369135.661200 5350
DISPLAYS =	63	06	62	+55606	-00X49	+00000	369136.000000
104717						SECONDS RUNNING	369136.661186 1682
DISPLAYS =	63	06	62	+55606	-00X48	+00000	369137.000000
104717						SECONDS RUNNING	369137.6611213 6018
DISPLAYS =	63	06	62	+55606	-00X47	+00000	369138.000000
104717						SECONDS RUNNING	369138.661173 1348
DISPLAYS =	63	06	62	+55606	-00X46	+00000	369139.000000
104717						SECONDS RUNNING	369139.661213 2694
DISPLAYS =	63	06	62	+55606	-00X45	+00000	369140.000000
104717						SECONDS RUNNING	369140.661186 2015
DISPLAYS =	63	06	62	+55606	-00X44	+00000	369141.000000
104717						SECONDS RUNNING	369141.661173 7348
DISPLAYS =	63	06	62	+55606	-00X43	+00000	369142.000000
104717						SECONDS RUNNING	369142.661200 2693

104717	CLCK REQEST @ CLCKTASK	T1=1176	SECONDS RUNNING	369143.661273	7349
DISPLAYS =	63 6 72 +555 - X43 +				369143.661273
104717	CLCK REQEST @ CLCKTASK	T1=12132	SECONDS RUNNING	369143.661273	7349
DISPLAYS =	63 6 62 +556 - X42 +				369143.661273
104717	CLCK REQEST @ CLCKTASK	T1=2276	SECONDS RUNNING	369143.661273	7349

LRPADAR2.ENVCONTPL 7/27/69 14:43 PAGE 140  
/DUPLICATE LANDING LAST SNAP 369100

LMY99	AGC	001	NASA 2021112-061	NEW SIMULATION	MARSPOT 27414410	/FILES			
DISPLAYS =	63	06	62	+55606	-00X41	+00000			369144.000000
104717	CLCK	REQUEST	@	CLCKTASK			T1=12442	SECONDS RUNNING	369144.661173 3348
DISPLAYS =	63	06	62	+55606	-00X41	+00000			369145.000000
104717	CLCK	REQUEST	@	CLCKTASK			T1=12606	SECONDS RUNNING	369145.661213 6684
DISPLAYS =	63	06	62	+55606	-00X39	+00000			369146.000000
104717	CLCK	REQUEST	@	CLCKTASK			T1=12752	SECONDS RUNNING	369146.661186 4015
DISPLAYS =	63	06	62	+55606	-00X38	+00000			369147.000000
104717	CLCK	REQUEST	@	CLCKTASK			T1=13116	SECONDS RUNNING	369147.661173 9348
DISPLAYS =	63	06	62	+55606	-00X37	+00000			369148.000000
104717	CLCK	REQUEST	@	CLCKTASK			T1=13262	SECONDS RUNNING	369148.661213 4684
DISPLAYS =	63	06	62	+55606	-00X36	+00000			369149.000000
104717	CLCK	REQUEST	@	CLCKTASK			T1=13426	SECONDS RUNNING	369149.661213 4015
DISPLAYS =	63	06	62	+55606	-00X35	+00000			369150.000000
SNAPSHOT	369150			SECONDS RUNNING			369150.000000		39

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LMY99 AGC 001 NASA 2J21112-061 NEW SIMULATION MAXSPOT 21414413 /EYLES LRRADAR2.FNVCNTEL 772 /67 14:43 PAGE 141  
/DUPLICATE LANDING LAST SNAP 369150

104717 CLCK REQUEST @ CLCKTASK T1=03572 SECONDS RUNNING 369150.661173 5349  
DISPLAYS = 63 XX XX +5676 -00X3X XXXXX 369151.000000  
104717 CLCK REQUEST @ CLCKTASK T1=03736 SECONDS RUNNING 369151.661200 0683  
DISPLAYS = 63 XX XX XXXXX XXXXX XXXXX 369152.000000  
104717 CLCK REQUEST @ CLCKTASK T1=04102 SECONDS RUNNING 369152.661173 6014  
104717 CLCK REQUEST @ CLCKTASK T1=04246 SECONDS RUNNING 369153.661173 1348  
104717 CLCK REQUEST @ CLCKTASK T1=04412 SECONDS RUNNING 369154.661173 6681  
104276 CLCK REQUEST @ TIG-30 T1=04423 SECONDS RUNNING 369154.751348 4374

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME LANDING	R (STABE METRIC	V MEMBER UNITS	A COORDS)	LATVEL FORVEL ALTRATE	LAT LONG ALT	YAW PITCH ROLL	BALL-R BALL-P BALL-Y	CDUX CDUY CDUZ	DRATE DRATE KRATE	ATT-Y ATT-Y ATT-Z	DPX DPY DPZ	DOG DGY DGZ	TRFUST DFLTAV MASS	PDS DPS APS	APOLU PEFILU
369154.7 102:32:35	1670133 6444	505.6 1.8	- 0.00 0.00	- 126.3 5574.4	1.18 41.23	- 0.02 178.51	359.91 115.92	- 1.27 1.50	- 0.00 0.00	- 0.00 0.00	869 134	54 -124		535.5 177.5	57.22 7.69
LANDING	- 523804	1617.6	0.00	- 5.0	46911	- 1.5	1.27	- 1.08	0.00	0.98	266	143	334.6	5189	

104710 CLCK REQUEST @ PREREAD T1=04423 SECONDS RUNNING 369154.755991 4763  
006071 CLCK REQUEST @ MUNGRAV T1=04427 SECONDS RUNNING 369154.755196 8113  
104717 CLCK REQUEST @ CLCKTASK T1=04556 SECONDS RUNNING 369155.661186 2015  
DISPLAYS = 63 06 62 5XXXX -00X29 +00000 369156.000000  
104717 CLCK REQUEST @ CLCKTASK T1=04722 SECONDS RUNNING 369155.661173 7348

369156.7 102:32:37	1671137 6417	520.6 1.8	- 0.00 0.00	- 127.1 5574.3	1.18 41.12	- 0.00 178.62	359.93 115.92	- 1.28 1.50	- 0.00 0.00	- 0.00 0.00	2 1	2 8		535.5 177.5	57.22 7.69
LANDING	- 520582	1617.6	0.00	- 5.0	46900	- 1.06	1.27	- 1.06	0.00	1.09	1	8	334.6	5189	

104741 CLCK REQUEST @ READACCS T1=04734 SECONDS RUNNING 369155.761186 5892  
076206 CLCK REQUEST @ SERVICER T1=04736 SECONDS RUNNING 369156.78897 8244  
006071 CLCK REQUEST @ MUNGRAV T1=04747 SECONDS RUNNING 369156.878211 5863  
006071 CLCK REQUEST @ MUNGRAV T1=04761 SECONDS RUNNING 369156.968381 3563  
DISPLAYS = 63 6 62 +55676 -00X28 +00000 369157.000004  
075770 CLCK REQUEST @ SERVICER T1=04770 SECONDS RUNNING 369157.24204 3563

104717 CLCCK REQUEST @ CLCCKTASK T1=05064 SECONDS RUNNING 369157.661164 2687

LMY99 AGC 001 NASA 2021112-161 NEW SIMULATION MARSRCT 20414415 /EYLES LRPADAR20.FNVNCTFL 7/23/69 14:43 PAGE 142 /DUPLICATE LANDING LAST SNAP 369150

DISPLAYS = 63 06 62 +55655 -00X27 +00000 369158.00000

104717 CLCCK REQUEST @ CLCCKTASK T1=05232 SECONDS RUNNING 369158.661164 8014

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-P	CDUX	PRATE	ATT-X	DRPX	DGX	THEUST	PCS	APDLU
LANDING	(STABLE	MEMBER	COORDS)	FORVEL	LONG	PITCH	BALL-R	CDUY	QRATE	ATT-Y	DRPY	DGY	DELTA	DRS	REF ILU
	METRIC	UNITS		ALT RATE	ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPRZ	DGZ	MASS	ARS	
369158.7	1672139	499.5	- 0.00	- 128.1	1.18	0.01	359.95	- 1.28	- 0.00	0.00	1	0	535.5	57.22	
102:32:39	6422	1.8	- 0.00	5574.3	41.01	178.72	105.91	105.91	- 0.00	0.00	0	0	177.5	7.69	
LANDING	- 517342	1619.5	0.00	- 4.7	46891	- 1.07	1.28	- 0.04	0.00	1.09	0	0	334.6	51.80	

107441 CLCCK REQUEST @ READACCS T1=05245 SECONDS RUNNING 369158.761164 6547

063073 CLCCK REQUEST @ LRALT T1=05246 SECONDS RUNNING 369158.789764 8987

076206 CLCCK REQUEST @ SERVICER T1=05247 SECONDS RUNNING 369158.763612 9316

006071 CLCCK REQUEST @ MUNGRAV T1=05261 SECONDS RUNNING 369158.884432 7264

063150 CLCCK REQUEST @ RADAREAC T1=05260 SECONDS RUNNING 369158.884857 71.2

006071 CLCCK REQUEST @ MUNGRAV T1=05272 SECONDS RUNNING 369158.986728 5795

DISPLAYS = 63 06 62 +55605 -00X26 +00000 369159.00027

075770 CLCCK REQUEST @ SERVEXIT T1=05325 SECONDS RUNNING 369159.251931 8322

104717 CLCCK REQUEST @ CLCCKTASK T1=05376 SECONDS RUNNING 369159.661164 3347

DISPLAYS = 63 06 62 +55605 -00X25 +00000 369160.00000

104717 CLCCK REQUEST @ CLCCKTASK T1=05542 SECONDS RUNNING 369160.661164 8680

TIME	R	V	A	LATVEL	LAT	YAW	BALL-P	CDUX	PRATE	ATT-X	DRPX	DGX	THEUST	PCS	APDLU
LANDING	(STABLE	MEMBER	COORDS)	FORVEL	LONG	PITCH	BALL-R	CDUY	QRATE	ATT-Y	DRPY	DGY	DELTA	DRS	REF ILU
	METRIC	UNITS		ALT RATE	ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPRZ	DGZ	MASS	ARS	
369160.7	1673136	496.4	- 0.00	- 128.8	1.18	0.02	359.97	- 1.29	- 0.00	0.00	1	0	535.5	57.22	
102:32:41	6427	1.8	- 0.00	5574.3	41.01	178.83	105.91	105.91	- 0.00	0.00	0	0	177.5	7.69	
LANDING	- 514172	1621.5	0.00	- 4.5	46881	- 1.08	1.29	- 0.03	0.00	1.09	0	0	334.6	51.80	

107441 CLCCK REQUEST @ READACCS T1=05554 SECONDS RUNNING 369160.761204 7217

063073 CLCCK REQUEST @ LRALT T1=05557 SECONDS RUNNING 369160.79287 9690

076206 CLCCK REQUEST @ SERVICER T1=05557 SECONDS RUNNING 369160.794135 9027

063150 CLCCK REQUEST @ RADAREAC T1=05570 SECONDS RUNNING 369160.484922 7774

006071 CLCCK REQUEST @ MUNGRAV T1=05571 SECONDS RUNNING 369160.897671 8862

006071 CLCCK REQUEST @ MUNGRAV T1=05612 SECONDS RUNNING 369160.897435 6522

DISPLAYS = 63 06 62 +55605 -00X24 +00000 369161.00001

LMY99 AGC 001 NASA 2421112-061 NEW SIMULATION MARSROT 24414415 /FYLES LRRADAR2 ENVONTPL 7/19/77 14:43 PAGE 143  
/DUPLICATE LAMLINE LAST SNAP 369150

075770 CLOCK REQUEST @ SERVEXIT T1=0635 SECONDS RUNNING 369161.253788 0251  
104717 CLCCK REQUEST @ CLOKTASK T1=0676 SECONDS RUNNING 369161.661164 4014  
DISPLAYS = 63 06 62 +55645 -00X23 +00001 369162.00000  
104717 CLOCK REQUEST @ CLOKTASK T1=0692 SECONDS RUNNING 369162.661164 9347

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-H	CDUX	PRATE	ATT-X	DPPX	DCX	THPST	RCS	APDLU
LANDING	(STABLE	MEMBER	COORDS)	FCRVEL	LCNG	PITCH	BALL-P	CDUY	OPATE	ATT-Y	DPPY	DGY	DELTA V	DPS	PERILU
	METRIC	UNITS		ALTRATE	ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	DGZ	MASS	APS	
369162.7	1674126	493.4	- 0.00	- 129.7	1.18	0.04	359.89	- 1.31	- 0.00	0.00	2	0	0	535.5	57.22
102:32:43	6431	1.7	- 0.00	5574.3	41.79	179.94	105.91	105.91	- 0.00	- 0.00	0	0	0	177.5	7.69
LANDING	- 510859	1621.4	0.00	- 4.2	46873	- 1.19	1.31	- 0.01	0.00	1.09	0	0	334.6	5189	

107441 CLCCK REQUEST @ READALCS T1=06064 SECONDS RUNNING 369162.761164 789  
063073 CLCCK REQUEST @ LRLAT T1=06067 SECONDS RUNNING 369162.792674 1563  
076206 CLCCK REQUEST @ SERVICER T1=06067 SECONDS RUNNING 369162.796452 891  
063150 CLCCK REQUEST @ RADARFAD T1=06140 SECONDS RUNNING 369162.884857 4435  
006071 CLCCK REQUEST @ MUNGRAV T1=06101 SECONDS RUNNING 369162.893862 9274  
006071 CLCCK REQUEST @ MUNGRAV T1=06112 SECONDS RUNNING 369162.986576 71.0  
DISPLAYS = 63 06 62 +55645 -00X22 +00001 369163.00000

075770 CLCCK REQUEST @ SERVEXIT T1=06142 SECONDS RUNNING 369163.224865 7449  
104717 CLCCK REQUEST @ CLOKTASK T1=06216 SECONDS RUNNING 369163.661164 4699  
DISPLAYS = 63 06 62 +55605 -00X21 +00001 369164.00000  
104717 CLCCK REQUEST @ CLOKTASK T1=06362 SECONDS RUNNING 369164.661164 0014

369164.7	1675110	493.3	- 0.00	- 130.6	1.17	0.06	1.00	- 1.31	- 0.00	0.00	1	0	0	535.5	57.22
102:32:45	6436	1.7	- 0.00	5574.3	41.68	179.95	105.91	105.91	- 0.00	- 0.00	1	0	0	177.5	7.69
LANDING	- 507614	1622.3	0.00	- 3.9	46864	- 1.10	1.31	0.01	0.00	1.09	0	0	334.6	5189	

107441 CLCCK REQUEST @ READALCS T1=06374 SECONDS RUNNING 369164.761191 8549  
063073 CLCCK REQUEST @ LRLAT T1=06376 SECONDS RUNNING 369164.789984 1706  
076206 CLCCK REQUEST @ SERVICER T1=06377 SECONDS RUNNING 369164.793834 1335

063150	CLCKC	REQUEST @	RADAREAD		T1=06410	SECONDS	RUNNING	369166.84957	9132
006071	CLCKC	REQUEST @	MUNGRAV		T1=06411	SECONDS	RUNNING	369166.807103	9139
LMY99	AGC	001	NASA 2 21112-061	NEW SIMULATION	MARSROT 20414415 /EYLES	LRPADAP2.ENVCTRL	7/22/79	14:43	PAGE 144
						/DUPLICATE	LANDING	LAST SNAP	369150
006071	CLCKC	REQUEST @	MUNGRAV		T1=06422	SECONDS	RUNNING	369166.999016	7989
DISPLAYS =	63	06	62		+55605	-00X20	+00001		369166.0014
075770	CLCKC	REQUEST @	SERVEXT		T1=06455	SECONDS	RUNNING	369166.253919	7595
104717	CLCKC	REQUEST @	CLCKTASK		T1=06526	SECONDS	RUNNING	369166.661164	6347
DISPLAYS =	63	06	62		+55605	-00X19	+00001		369166.00000
104717	CLCKC	REQUEST @	CLCKTASK		T1=06672	SECONDS	RUNNING	369166.661164	6693

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-P	CDUX	PRATE	ATT-X	DPPX	DcX	THPUST	RCS	APDU
LANDING	(STABLE MEMBER METRIC UNITS)	(COORDS)	FORVEL	LCNG	PITCH	BALL-P	CDUY	QRATE	ATT-Y	DPPY	DGY	DELTA V	DPS	APDU	
			ALTKATE	ALT	ROLL	BALL-Y	CDUZ	RPATE	ATT-Z	DPPZ	DGZ	MASS	APS	PRILU	
369166.7	1676088	487.3	-3.00	-131.5	1.17	0.08	0.02	-1.32	-0.70	0.00	1	0	535.5	57.22	
102:32:47	6441	1.7	-3.00	574.3	40.57	179.16	105.91	1.50	0.70	0.00	0	0	177.5	7.69	
LANDING	-504308	1623.3	0.00	-3.7	46857	-1.00	1.32	0.02	0.00	1.09	1	0	33476	5189	

107441	CLCKC	REQUEST @	READACCS		T1=06704	SECONDS	RUNNING	369166.761164	9214
063073	CLCKC	REQUEST @	LRLAT		T1=06707	SECONDS	RUNNING	369166.790117	1684
076206	CLCKC	REQUEST @	SERVICER		T1=06707	SECONDS	RUNNING	369166.793965	2013
063150	CLCKC	REQUEST @	RADAREAD		T1=06720	SECONDS	RUNNING	369166.884896	9772
006071	CLCKC	REQUEST @	MUNGRAV		T1=06721	SECONDS	RUNNING	369166.897200	9822
006071	CLCKC	REQUEST @	MUNGRAV		T1=06732	SECONDS	RUNNING	369166.987265	8507
DISPLAYS =	63	06	62		+55605	-00X18	+00001		369166.00000
075770	CLCKC	REQUEST @	SERVEXT		T1=06765	SECONDS	RUNNING	369167.251838	1784
104717	CLCKC	REQUEST @	CLCKTASK		T1=07036	SECONDS	RUNNING	369167.661164	6014
DISPLAYS =	63	06	62		+55605	-00X17	+00002		369166.00000
104717	CLCKC	REQUEST @	CLCKTASK		T1=07202	SECONDS	RUNNING	369169.661164	1347

TIME	R	V	A	LATVEL	LAT	YAW	BALL-P	CDUX	PRATE	ATT-X	DPPX	DcX	THPUST	RCS	APDU
LANDING	(STABLE MEMBER METRIC UNITS)	(COORDS)	FORVEL	LCNG	PITCH	BALL-P	CDUY	QRATE	ATT-Y	DPPY	DGY	DELTA V	DPS	APDU	
			ALTKATE	ALT	ROLL	BALL-Y	CDUZ	RPATE	ATT-Z	DPPZ	DGZ	MASS	APS	PRILU	
369168.7	1677060	484.2	-3.00	-132.3	1.17	0.10	0.04	-1.32	-0.70	0.00	1	0	535.5	57.22	
102:32:49	6446	1.7	-3.00	574.3	40.46	179.26	105.91	1.50	0.70	0.00	0	0	177.5	7.69	
LANDING	-501119	1624.2	0.00	-3.4	46849	-1.01	1.32	0.04	0.00	1.20	0	0	33476	5189	

107441	CLCKC	REQUEST @	READACCS		T1=07214	SECONDS	RUNNING	369169.761164	9823
063073	CLCKC	REQUEST @	LRLAT		T1=07217	SECONDS	RUNNING	36916.792473	2552
076206	CLCKC	REQUEST @	SERVICER		T1=07217	SECONDS	RUNNING	36916.796321	2981



006071	CLCCK REQUEST @ MUNGRAV	T1=0723	SECONDS RUNNING	369168.884144	375
063150	CLCCK REQUEST @ RADARFAD	T1=0723	SECONDS RUNNING	369168.884857	435
006071	CLCCK REQUEST @ MUNGRAV	T1=07242	SECONDS RUNNING	369168.984734	8959
DISPLAYS =	63 06 62	+55605 -00X16 +00002			369169.000001
075770	CLCCK REQUEST @ SERVEXIT	T1= 7272	SECONDS RUNNING	369169.223687	9349
104717	CLCCK REQUEST @ CLCCKTASK	T1=07346	SECONDS RUNNING	369170.661164	6680
DISPLAYS =	63 06 62	+55615 -00X15 +00002			369170.000001
104717	CLCCK REQUEST @ CLCCKTASK	T1=07512	SECONDS RUNNING	369170.661164	2814

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME LANDING	R (STABLE METRIC)	V (MEMBER UNITS)	A (COORDS)	LATVEL FORVEL ALTRATE	LAT LONG ALT	YAW PITCH ROLL	BALL-BALL-BALL	CDUX CDUY CDUZ	PRATE ORATE	ATT-X ATT-Y ATT-Z	DPPX DPPY DPPZ	DGX DGY DGZ	THRUST DELTAV MASS	RCS DPS APS	APDU PERILU
369170.7	1678025	481.1	- 0.00	- 133.2	1.17	0.11	0.06	- 1.34 - 0.00	0.00	0.00	2		535.5	57.22	
102:32:51	6450	1.7	- 0.00	5574.3	40.34	179.27	105.9	105.89 - 0.00	0.00	0.00	0		177.5	7.69	
LANDING -	497869	1625.1	0.00	- 3.1	46843	- 1.12	1.33	0.05 0.00	0.00	1.20	1		33476	5189	

107441	CLCCK REQUEST @ READACCS	T1=07524	SECONDS RUNNING	369170.761164	547
063073	CLCCK REQUEST @ LRALT	T1=07526	SECONDS RUNNING	369170.789882	2997
076206	CLCCK REQUEST @ SERVICER	T1=07527	SECONDS RUNNING	369170.793730	2326
063150	CLCCK REQUEST @ RADAREAD	T1=07541	SECONDS RUNNING	369170.884975	1112
006071	CLCCK REQUEST @ MUNGRAV	T1=07541	SECONDS RUNNING	369170.8897278	2162
006071	CLCCK REQUEST @ MUNGRAV	T1=07552	SECONDS RUNNING	369170.989896	1465
DISPLAYS =	63 06 62	+55605 -00X14 +00002			369171.000014
075770	CLCCK REQUEST @ SERVEXIT	T1=- 7605	SECONDS RUNNING	369171.254181	2618
104717	CLCCK REQUEST @ CLCCKTASK	T1=07656	SECONDS RUNNING	369171.661164	7347
DISPLAYS =	63 06 62	+55616 -00X13 +00002			369172.000001
104717	CLCCK REQUEST @ CLCCKTASK	T1=1 022	SECONDS RUNNING	369172.661164	2680

369172.7	1678985	473.0	- 0.00	- 134.1	1.17	0.13	0.07	- 1.35 - 0.00	0.00	0.00	1		535.5	57.22	
102:32:51	6455	1.7	- 0.00	5574.3	40.23	179.48	105.91	105.89 - 0.00	0.00	0.00	0		177.5	7.69	
LANDING -	494617	1626.0	0.00	- 2.9	46837	- 1.13	1.34	0.07 0.00	0.00	1.20	0		33476	5189	

107441

CLOCK REQUEST @ REACACCS

T1=1034

SECONDS RUNNING

369172.761177

1215

LMY99	AGC	001	NASA 2021112-061 NEW SIMULATION	MARSROT 20414415 /EYLES	LF RADAR 2.0 FNVNCTEL 07/23/69 14:43	PACF 146	
						LAST SNAP 369150	
063073			CLCCK REQUEST @ LRALT	T1=10037	SECONDS RUNNING	369172.791716 3734	
076206			CLCCK REQUEST @ SERVICER	T1=10037	SECONDS RUNNING	369172.794554 4063	
063150			CLCCK REQUEST @ RADARFAD	T1=10050	SECONDS RUNNING	369172.884870 1770	
006071			CLCCK REQUEST @ MUNGRAV	T1=10051	SECONDS RUNNING	369172.891611 2345	
006071			CLCCK REQUEST @ MUNGRAV	T1=10062	SECONDS RUNNING	369172.985642 0369	
DISPLAYS =	63	06	62	+55606	-00X12	+00002	369173.00014
075770			CLCCK REQUEST @ SERVEXIT	T1=10112	SECONDS RUNNING	369173.224420 1745	
104717			CLCCK REQUEST @ CLOKTASK	T1=10160	SECONDS RUNNING	369173.661164 8014	
DISPLAYS =	63	06	62	+55606	-00X11	+00002	369174.00000
104717			CLCCK REQUEST @ CLOKTASK	T1=10332	SECONDS RUNNING	369174.661164 3347	

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC., DEG

TIME LANDING	R (STABLE MEMBER METRIC)	V (COORDS) UNITS	A (COORDS) UNITS	LAT VEL FORVEL ALTRATE	LAT LONG ALT	YAW PITCH RCLL	BALL-B BALL-Y	CDUX CDUY CDUZ	PRAT PRATE PRATE	ATT-X ATT-Y ATT-Z	DPPX DPPY DPPZ	DCX DCY DCZ	THEUST DELTAV MASS	RCS DPS APS	APOLU PERILU
369174.7	1679938	475	- 0.00	- 134.9	1.17	0.15	0.05	- 1.36	- 0.00	0.00	1	0	0	535.5	57.23
102:32:55	6460	1.7	- 0.00	5574.2	40.12	179.59	105.89	105.89	- 0.00	- 0.00	1	0	0	177.5	7.69
LANDING	- 491363	1626.5	0.00	- 2.6	46831	- 1.14	1.35	0.79	0.00	1.21	0	0	334.6	51.80	

107441			CLCCK REQUEST @ REACACCS	T1=10344	SECONDS RUNNING	369174.761164 1830	
063073			CLCCK REQUEST @ LRALT	T1=10347	SECONDS RUNNING	369174.791688 4495	
076206			CLCCK REQUEST @ SERVICER	T1=10347	SECONDS RUNNING	369174.795536 4813	
063150			CLCCK REQUEST @ RADAREAD	T1=10360	SECONDS RUNNING	369174.884883 2438	
006071			CLCCK REQUEST @ MUNGRAV	T1=10361	SECONDS RUNNING	369174.893338 3150	
006071			CLCCK REQUEST @ MUNGRAV	T1=10372	SECONDS RUNNING	369174.986074 1073	
DISPLAYS =	63	06	62	+55606	-00X11	+00002	369175.00001
075770			CLCCK REQUEST @ SERVEXIT	T1=10422	SECONDS RUNNING	369175.224996 1461	
104717			CLCCK REQUEST @ CLOKTASK	T1=10476	SECONDS RUNNING	369175.661164 8680	
DISPLAYS =	63	06	62	+55605	-00X09	+00002	369176.00000
104717			CLCCK REQUEST @ CLOKTASK	T1=10642	SECONDS RUNNING	369176.661164 4014	

369176.7	1680885	471.5	- 0.00	- 135.8	1.16	0.17	0.11	- 1.36	- 0.00	0.00	2	0	0	535.5	57.23
102:32:57	6464	1.7	- 0.00	5574.2	40.01	179.70	105.89	105.88	- 0.00	- 0.00	1	0	0	177.5	7.69

LANDING - 488107 1627.8 0.00 - 2.3 46826 - 1.15 1.36 0.10 0.00 1.20 1 0 33406 5189

107441 CLCCK REQUEST @ READACCS T1=10654 SECONDS RUNNING 369176.761243 2554

063073 CLCCK REQUEST @ LRALT T1=10657 SECONDS RUNNING 369176.790418 5043

076206 CLCCK REQUEST @ SERVICER T1=10657 SECONDS RUNNING 369176.794266 5372

063150 CLCCK REQUEST @ RACAREAD T1=1067 SECONDS RUNNING 369176.884370 3103

006071 CLCCK REQUEST @ MUNGRAV T1=10671 SECONDS RUNNING 369176.898177 4230

006071 CLCCK REQUEST @ MUNGRAV T1=10703 SECONDS RUNNING 369176.99315 2101

DISPLAYS = 63 06 62 +55605 -00X08 +00002 369176.99315

104346 CLCCK REQUEST @ ULLGTASK T1=10723 SECONDS RUNNING 369177.151161 5827

075770 CLCCK REQUEST @ SERVEXIT T1=10735 SECONDS RUNNING 369177.258474 4984

104717 CLCCK REQUEST @ CLCCTASK T1=11006 SECONDS RUNNING 369177.661165 9347

DISPLAYS = 63 06 62 +55606 -00X07 +00003 369177.661165

104717 CLCCK REQUEST @ CLCCTASK T1=11152 SECONDS RUNNING 369178.661165 4680

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, ET, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	DCY	THEUST	KCS	APOLU
LANDING	(STABLE MEMBER COORDS)	FORVEL	ALTRATE	LONG	PITCH	BALL-P	CDUY	OPATE	ATT-Y	DPY	DGY	DELTA V	DPS	PERILU	
	METRIC UNITS			ALT	ROLL	BALL-Y	CDUZ	PRATE	ATT-Z	DPPZ	DGZ	MASS	APS		
369178.7	1681826	4680.8	-0.01	-136.7	1.16	0.19	0.13	-1.07	-0.03	0.00	-1	0	534.4	57.14	
102:32:59	6469	1.6	0.00	5574.0	39.90	179.78	145.87	105.86	-0.03	-0.00	0	0	17705	7.49	
LANDING	-484850	16280.6	-0.05	-2.1	46822	-1.16	1.37	0.12	0.00	1.20	-7	0	33404	5189	

107441 CLCCK REQUEST @ READACCS T1=11164 SECONDS RUNNING 369178.761161 3213

063073 CLCCK REQUEST @ LRALT T1=11167 SECONDS RUNNING 369178.790418 5043

076206 CLCCK REQUEST @ SERVICER T1=11167 SECONDS RUNNING 369178.794266 5372

063150 CLCCK REQUEST @ RACAREAD T1=11200 SECONDS RUNNING 369178.884370 3103

006071 CLCCK REQUEST @ MUNGRAV T1=11201 SECONDS RUNNING 369178.898177 4230

006071 CLCCK REQUEST @ MUNGRAV T1=11212 SECONDS RUNNING 369178.998447 2101

DISPLAYS = 63 06 62 +55606 -00X06 +00003 369178.998447

075770 CLCCK REQUEST @ SERVEXIT T1=11245 SECONDS RUNNING 369177.661165 4680

104352 CLCK REQUEST @ TIG-5 T1=11315 SECONDS RUNNING 369179.651176 9161

LMY99 AGC 001 NASA 2021112-161 NEW SIMULATION MARSFOT 20414415 /FYLE LFRADAP2.ENVCNTEL 17/27/69 14:43 PACF 148  
/DUPLICATE LANDING LAST SNAP 369150

104376 CLCK REQUEST @ DISPCHNG T1=11315 SECONDS RUNNING 369179.654547 9448

104717 CLCK REQUEST @ CLCKTASK T1=11316 SECONDS RUNNING 369179.661165 9514

DISPLAYS = 63 99 62 FLASH +55603 -00X05 +00005 369180.000000

T = 369180.287. ASTRONAUT SEES DESIRED DISPLAYS.  
MODE 63 UPLINK 0 VERB 99 NCLN 62 FLASH 1 P1 +55603 R2 - 5 R3 + 5 CK FAIL 0 PGM ALM 0 EFL DSPLY 0

ASTRONAUT PERFORMS ACTION 6000660001 AT TIME 369180.2871

ASTRONAUT PERFORMS ACTION 6000660003 AT TIME 369180.2871

104717 CLCK REQUEST @ CLCKTASK T1=11462 SECONDS RUNNING 369180.661165 5347

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	DCX	THPUST	RCS	APGLU
LANDING	(STABLE MEMBER COORDS)	METRIC UNITS		FCRVEL	LCNG	PITCH	BALL-P	CDUY	OPATE	ATT-Y	DPPY	DGY	DELTA	DPS	PERILU
				ALTRATE	ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	DGZ	MASS	APS	
369180.7	1682761	465.7	- 0.01	- 137.5	1.16	0.23	0.18	- 1.38	- 0.00	0.00	- 1	0	532.9	56.79	
102:33: 1	6473	1.6	0.01	5573.6	3.79	179.78	105.76	1.5.75	- 0.06	0.00	0	0	177.15	7.09	
LANDING	- 481591	1629.4	- 0.05	- 1.8	46818	- 1.16	1.38	0.17	0.00	1.31	- 1	0	334.2	51.89	

107441 CLCK REQUEST @ READACC5 T1=11474 SECONDS RUNNING 369180.761161 2890

063073 CLCK REQUEST @ LRLAT T1=11500 SECONDS RUNNING 369180.819830 8133

076206 CLCK REQUEST @ SERVICER T1=11511 SECONDS RUNNING 369180.813692 8363

063150 CLCK REQUEST @ RADAREAD T1=11512 SECONDS RUNNING 369180.904906 6146

006071 CLCK REQUEST @ MUNGRAV T1=11513 SECONDS RUNNING 369180.912328 6780

DISPLAYS = 63 99 62 FLASH +55603 -00X04 +00005 369180.000000

006071 CLCK REQUEST @ MUNGRAV T1=11524 SECONDS RUNNING 369180.105818 4757

075770 CLCK REQUEST @ SERVEXIT T1=11557 SECONDS RUNNING 369180.277209 7916

104717 CLCK REQUEST @ CLCKTASK T1=11626 SECONDS RUNNING 369180.661165 6681

DISPLAYS = 63 99 62 FLASH +55600 -00X03 +00009 369182.000000

ASTRONAUT PERFORMS ACTION 6000660136 AT TIME 369182.2871

ASTRONAUT KEYSTROKE PROCEED

105102 CLCK REQUEST @ IGNITE T1=11734 SECONDS RUNNING 369182.367893 088  
 104717 CLCK REQUEST @ CLCKTASK T1=11772 SECONDS PUNNING 369182.661165 6714

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	VAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	DGX	THRIST	RCS	APDU
LANDING	(STABLE MEMBER METRIC	COORDS	UNITS	FORVEL ALTRATE	LONG ALT	PITCH ROLL	BALL-P BALL-Y	CDUY CDUZ	ORATE PRATE	ATT-Y ATT-Z	DPPY DPPZ	DGY DGZ	DELTA V MASS	DPS APS	PEPILU
369182.7	1683690	462.6	0.01	-138.4	1.16	0.25	1.20	1.39	0.00	0.00	2	0	531.5	56.53	
102:33:3	6478	1.6	0.00	573.2	39.68	179.74	105.61	1.56	0.06	0.1	0	0	177.5	7.69	
LANDING	-478330	163.02	0.05	1.5	46814	1.17	1.38	0.19	0.02	1.31	11	0	334.2	51.80	

107441 CLCK REQUEST @ READACCS T1=12004 SECONDS RUNNING 369182.761174 4548  
 063073 CLCK REQUEST @ LRALT T1=12010 SECONDS PUNNING 369182.802722 8093  
 076206 CLCK REQUEST @ SERVICER T1=12010 SECONDS RUNNING 369182.806571 8422  
 063150 CLCK REQUEST @ RADAREAD T1=12021 SECONDS RUNNING 369182.894864 5956  
 006071 CLCK REQUEST @ MUNGRAV T1=12031 SECONDS PUNNING 369182.977682 3023

DISPLAYS = 63 06 62 +55600 -00X0X XXXXX 369183.000014

006071 CLCK REQUEST @ MUNGRAV T1=12044 SECONDS RUNNING 369183.085122 2191  
 075770 CLCK REQUEST @ SERVEXIT T1=12077 SECONDS PUNNING 369183.351442 4934  
 104717 CLCK REQUEST @ CLCKTASK T1=12136 SECONDS RUNNING 369183.661165 1347

DISPLAYS = 63 06 62 +55596 -00X01 +00012 369184.000000

104403 CLCK REQUEST @ TIG-0 T1=12301 SECONDS PUNNING 369184.651163 5827  
 104426 CLCK REQUEST @ IGNITION T1=12301 SECONDS PUNNING 369184.655587 6204  
 104717 CLCK REQUEST @ CLCKTASK T1=12302 SECONDS PUNNING 369184.66357 6881  
 063073 CLCK REQUEST @ LRALT T1=12317 SECONDS PUNNING 369184.716937 1440

369184.7	168461	459.5	0.01	-139.4	1.16	0.21	1.16	1.40	0.00	0.00	1	2	531.0	56.28
102:33:5	6466	1.6	0.00	572.9	39.57	179.69	115.44	1.54	0.10	0.32	0	2	177.5	7.69
LANDING	-475177	163.09	0.05	1.2	46812	1.18	1.40	0.16	0.01	1.31	1	3	334.2	51.80

107441 CLCK REQUEST @ READACCS T1=12314 SECONDS RUNNING 369184.761151 5212  
 076206 CLCK REQUEST @ SERVICER T1=12315 SECONDS PUNNING 369184.770932 6137

063150	CLCK	REQUEST @ ADAPEAR		T1=12321	SECONDS	RUNNING	369184.416551	9795
006071	CLCK	REQUEST @ MUNGRAV		T1=12327	SECONDS	RUNNING	369184.675849	5010
LMY99	AGC	001	NASA 2021112-761 NEW SIMULATION	MARSPT 20414415 /ZYLF5	LPRADAP2.EMVNTFL	772769	14:43	PAGE 159
					/DUPLICATE	LANDING	LAST	SNAP 369150
006071	CLCK	REQUEST @ MUNGRAV		T1=12341	SECONDS	RUNNING	369184.970989	3119
104563	CLCK	REQUEST @ WAITABIT		T1=12364	SECONDS	RUNNING	369185.161298	9358
073473	CLCK	REQUEST @ P03DISPS		T1=12376	SECONDS	RUNNING	369185.268411	8498
073476	CLCK	REQUEST @ ENDLLJCB		T1=12377	SECONDS	RUNNING	369185.271268	8742
DISPLAYS =	63	06	63	+55553	00009	+46786		369186.000000
062073	CLCK	REQUEST @ LRLAT		T1=12617	SECONDS	RUNNING	369186.718204	2214

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	DGX	THRUST	PCS	APDU
LANDING	(STABLE MEMBER COGRDS)			FORVEL	LONG	PITCH	BALL-P	CDUW	RRATE	ATT-Y	DPPZ	DGZ	DFLTAV	DPS	PEFLU
	METRIC UNITS			ALTRATE	ALT	RCLL	BALL-Y	CDUZ		ATT-Z	DPPZ	DGZ	MASS	APS	
369186.7	1685526	456.4	0.01	-142.4	1.16	-0.54	35.46	-1.42	-0.02	0.00	-3	0	11	52.5	56.19
102:33:7	6475	1.6	0.17	5572.7	39.45	-179.71	175.91	175.91	0.44	0.00	-2	0	2	177.5	7.69
LANDING	-471813	1631.8	0.00	1.1	46809	-1.21	1.42	-1.59	-0.57	1.65	-2	0	33400	5180	
107441	CLCK	REQUEST @ READACCS		T1=12624	SECONDS	RUNNING	369186.761152	5879							
076206	CLCK	REQUEST @ SERVICER		T1=12625	SECONDS	RUNNING	369186.774551	7023							
063150	CLCK	REQUEST @ RADAREAD		T1=12631	SECONDS	RUNNING	369186.814354	0462							
006071	CLCK	REQUEST @ MUNGRAV		T1=12637	SECONDS	RUNNING	369186.874129	5570							
006071	CLCK	REQUEST @ MUNGRAV		T1=12647	SECONDS	RUNNING	369186.959988	2846							

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 LEV: DESCENT ENGINE THRUST HAS BEEN TURNED 1. (1=OFF,1=ON) TIME = 369187.2057 SECONDS  
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073473	CLCK	REQUEST @ P03DISPS		T1=12702	SECONDS	RUNNING	369187.223847	5363							
073476	CLCK	REQUEST @ ENDLLJCB		T1=12706	SECONDS	RUNNING	369187.265197	8991							
DISPLAYS =	63	06	63	+55552	00009	+46784		369188.000000							
063073	CLCK	REQUEST @ LRLAT		T1=13127	SECONDS	RUNNING	369188.718295	2839							
369188.7	1686436	453.1	0.19	-145.3	1.16	-1.64	35.29	-1.46	-0.02	0.00	-13	0	1200	529.5	54.89
102:33:9	6475	1.5	0.17	5570.8	39.34	-173.93	176.54	176.57	0.20	0.65	-4	0	1	176.9	7.69
LANDING	-466548	1632.1	0.33	0.8	46807	-1.24	1.45	-1.71	-0.50	0.21	-52	0	33203	5180	
107441	CLCK	REQUEST @ READACCS		T1=13134	SECONDS	RUNNING	369188.761153	6546							
076206	CLCK	REQUEST @ SERVICER		T1=13135	SECONDS	RUNNING	369188.774551	7362							

063150	CLCCK REQUEST @ RADARFAD	T1=13141	SECONDS RUNNING	369189.814853	1128
006071	CLCCK REQUEST @ MUNGRAV	T1=13147	SECONDS RUNNING	369189.877621	5887
006071	CLCCK REQUEST @ MUNGRAV	T1=13157	SECONDS RUNNING	369189.959223	3448
073473	CLCCK REQUEST @ P63DISPS	T1=13216	SECONDS RUNNING	369189.267521	9756
073476	CLCCK REQUEST @ ENCLLJCB	T1=13217	SECONDS RUNNING	369189.271389	9011

DISPLAYS = 63 6 63 +55574 -00005 +46783 369191.000000

063073	CLCCK REQUEST @ LPALT	T1=13437	SECONDS RUNNING	369191.718203	3548
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UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, MMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PPATE	ATT-X	DPX	DGX	THE-UST	RCS	APOLU
LANDING	(STABLE MEMBER METRIC UNITS)	COORDS)	FOPVEL	LONG	PITCH	PGLL	BALL-P	CDUY	QRATE	ATT-Y	DPY	DGY	DELTAV	DRS	PEPILU
			ALT RATE	ALT			BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	DGZ	MASS	APS	
369190.7	1687339	449.9	- 0.08	- 149.0	1.15	- 1.73	358.20	- 1.57	- 0.00	0.00	- 13	0	12708	529.4	53.24
102:33:11	6479	1.5	- 0.00	5568.5	39.23	-179.54	115.82	105.86	- 0.56	0.10	1	0	4	17491	7.69
LANDING	- 465283	1632.3	- 0.33	- 0.5	46806	- 1.28	1.49	- 1.80	0.17	- 0.54	- 67	0	33385	5189	

107441	CLCCK REQUEST @ READACCS	T1=13444	SECONDS RUNNING	369191.761153	7213
076206	CLCCK REQUEST @ SERVICER	T1=13445	SECONDS RUNNING	369191.771719	8029
063150	CLCCK REQUEST @ RADAREAD	T1=13451	SECONDS RUNNING	369191.814915	1800
006071	CLCCK REQUEST @ MUNGRAV	T1=13457	SECONDS RUNNING	369191.878151	7188
006071	CLCCK REQUEST @ MUNGRAV	T1=13471	SECONDS RUNNING	369191.937357	5355
073473	CLCCK REQUEST @ P63DISPS	T1=13527	SECONDS RUNNING	369191.272719	1866
073476	CLCCK REQUEST @ ENCLLJCB	T1=13527	SECONDS RUNNING	369191.275589	1111

DISPLAYS = 63 6 63 +55551 -00001 +46783 369192.000000

063073	CLCCK REQUEST @ LPALT	T1=13747	SECONDS RUNNING	369192.718205	4214
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369192.7	1688236	446.6	- 0.08	- 153.2	1.15	- 1.37	358.56	- 1.54	0.00	- 0.10	- 18	0	12708	529.3	51.55
102:33:13	6484	1.5	- 0.00	5566.0	39.12	-179.28	114.55	114.58	- 0.44	- 0.98	0	0	6	17483	7.69
LANDING	- 462017	1632.5	- 0.34	- 0.2	46805	- 1.32	1.54	- 1.43	0.49	- 0.32	- 68	0	33277	5189	

107441	CLCCK REQUEST @ REACACCS	T1=13754	SECONDS RUNNING	369192.761176	7881
076206	CLCCK REQUEST @ SERVICER	T1=13755	SECONDS RUNNING	369192.776614	9199
063150	CLCCK REQUEST @ RADAREAD	T1=13761	SECONDS RUNNING	369192.814973	2463

006071 CLCCK REQUEST @ MUNGRAV T1=12767 SECONDS RUNNING 369192.874936 7589

LMY99 AGC 001 NASA 2021112-061 NEW SIMULATION MARSROT 2 414415 /EYLES LRPADAR2.ENVGNTPI 7/27/69 14:43 PAGE 152  
/DUPLICATE LANDING LAST SNAP 369150

006071 CLCCK REQUEST @ MUNGRAV T1=14001 SECONDS RUNNING 369192.07515 6140

073473 CLCCK REQUEST @ P63DISPS T1=14037 SECONDS RUNNING 369193.272238 1492

073476 CLCCK REQUEST @ ENDLLJCB T1=14037 SECONDS RUNNING 369193.275110 1737

DISPLAYS = 63 06 63 +55528 +00001 +46783 369194.000000

063073 CLCCK REQUEST @ LRALT T1=14257 SECONDS RUNNING 369194.718198 4887

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DRPX	DCX	THELST	RCS	APOLU
LANDING	(STABLE MEMBER METRIC UNITS)	(COORDS)	FORVEL	ALT	LONG	PITCH	BALL-P	CDUY	QRATE	ATT-Y	DRPY	DGY	DELTA V	DPS	REP ILU
369194.7	1689127	443.4	- 0.07	- 154.02	1.15	- 10.91	359.03	- 1.54	- 0.00	- 0.10	- 18	0	12.0	52.01	49.85
102:33:15	6488	1.5	- 0.0	5563.7	38.91	179.08	104.24	1.4027	- 0.02	- 1.42	- 3	0	8	17.74	7.69
LANDING	- 454751	1632.6	- 0.34	- 0.0	46805	- 1.33	1.55	- 0.96	0.08	0.10	- 68	0	33268	5180	

107441 CLCCK REQUEST @ READACCS T1=14264 SECONDS RUNNING 369194.761152 8545

076206 CLCCK REQUEST @ SERVICER T1=14265 SECONDS RUNNING 369194.777712 9362

063150 CLCCK REQUEST @ RADAREAD T1=14271 SECONDS RUNNING 369194.814892 3122

006071 CLCCK REQUEST @ MUNGRAV T1=14277 SECONDS RUNNING 369194.875171 8275

006071 CLCCK REQUEST @ MUNGRAV T1=14311 SECONDS RUNNING 369194.971941 6533

073473 CLCCK REQUEST @ P63DISPS T1=14346 SECONDS RUNNING 369195.269602 1934

073476 CLCCK REQUEST @ ENDLLJCB T1=14347 SECONDS RUNNING 369195.272472 2179

DISPLAYS = 63 06 63 +55505 +00003 +46783 369196.000000

063073 CLCCK REQUEST @ LRALT T1=14567 SECONDS RUNNING 369196.718198 5547

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DRPX	DCX	THELST	RCS	APOLU
LANDING	(STABLE MEMBER METRIC UNITS)	(COORDS)	FORVEL	ALT	LONG	PITCH	BALL-P	CDUY	QRATE	ATT-Y	DRPY	DGY	DELTA V	DPS	REP ILU
369196.7	1650.10	440.1	- 0.07	- 155.3	1.15	- 10.78	359.16	- 1.57	- 0.00	- 0.10	- 14	0	12.0	52.01	48.17
102:33:17	6492	1.5	- 0.0	5561.3	38.90	179.14	104.23	1.4022	- 0.02	- 1.53	- 1	0	11	17.66	7.69
LANDING	- 455484	1632.8	- 0.34	- 0.2	46805	- 1.34	1.56	- 0.83	0.04	0.21	- 68	0	33268	5180	

107441 CLCCK REQUEST @ READACCS T1=14574 SECONDS RUNNING 369196.761152 9213

076206 CLCCK REQUEST @ SERVICER T1=14575 SECONDS RUNNING 369196.777712 9028

063150 CLCCK REQUEST @ RADAREAD T1=14601 SECONDS RUNNING 369196.814932 3802

006071 CLCCK REQUEST @ MUNGRAV T1=14607 SECONDS RUNNING 369196.878139 9187

006071 CLCCK REQUEST @ MUNGRAV T1=14621 SECONDS RUNNING 369196.972792 7272

073473 CLCCK REQUEST @ P63DISPS T1=14657 SECONDS RUNNING 369197.271023 2701



073473

CLCK REQUEST @ P63DISPS

T1=14657

SECONDS RUNNING

369197.271123

2721

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 /DUPLICATE LANDING LAST SNAP 369150

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073476 CLCK REQUEST @ ENDLLJCB T1=14657 SECONDS RUNNING 369197.273891 2966

DISPLAYS = 63 06 63 +55482 +00006 +46784 369198.000000

063073 CLCK REQUEST @ LRALT T1=15177 SECONDS RUNNING 369198.718198 6214

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	DGX	THPUST	RCS	APOLU
LANDING	(STABLE MEMBER METRIC	COORDS) UNITS	FCRVEL	LCNG	PITCH	BALL-P	CDUY	ORATE	ATT-Y	DPPY	DGY	DELTA V	GPS	APPLU	
			ALTRATE	ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	DGZ	MASS	APS	PEPILU	
369198.7	1690888	436.8	- 0.07	- 156.5	1.15	- 0.70	359.24	- 1.58	- 0.00	- 0.01	- 15	12.1	529.1	46.5	
102:33:19	6496	1.5	- 0.00	5559.0	38.79	179.21	104.16	104.18	- 0.01	- 1.53	0	12	17658	7.69	
LANDING	- 452218	1632.9	- 1.34	1.5	46806	- 1.36	1.57	- 0.75	0.03	0.32	- 69	33352	5189		

107441 CLCK REQUEST @ READAACS T1=15194 SECONDS RUNNING 369198.761152 9879

076206 CLCK REQUEST @ SERVICER T1=15175 SECONDS RUNNING 369198.774549 1722

063150 CLCK REQUEST @ RADAREAD T1=15111 SECONDS RUNNING 369198.814877 4464

006071 CLCK REQUEST @ MUNGRAV T1=15117 SECONDS RUNNING 369198.878191 9867

006071 CLCK REQUEST @ MUNGRAV T1=15131 SECONDS RUNNING 369198.972941 7952

073473 CLCK REQUEST @ P63DISPS T1=15167 SECONDS RUNNING 369199.275593 3778

073476 CLCK REQUEST @ ENDLLJCB T1=15167 SECONDS RUNNING 369199.278461 4123

DISPLAYS = 63 06 63 +55458 +00009 +46786 369200.000000

SNAPSHOT 369200 SECONDS RUNNING 369200.000000

063073 CLCCK REQUEST @ LRLAT T1=15407 SECONDS PUNNING 369200.718198 6880

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	COUX	PRATE	ATT-X	DPPX	DGX	THRUST	RCS	APOLU
LANDING	(STABLE MEMBER METRIC UNITS)	(COORDS)		FORVEL ALT RATE	LONG ALT	PITCH ROLL	BALL-P BALL-Y	COUY CDUJZ	CRATE RRATE	ATT-Y ATT-Z	DPY DPZ	DGY DGZ	DELTA V PASS	DPS APS	PEPILU
369200.7	1691759	433.6	- 0.07	- 157.7	1.15	- 0.65	359.29	- 1.59	- 0.30	- 0.19	- 15	0	120	529.1	44.82
102:33:21	6504	1.4	- 0.00	5556.6	38.68	179.30	14.14	14.14	0.00	- 1.64	0	0	15	1765	7.69
LANDING	- 448951	1633.1	- 0.34	0.8	46807	- 1.37	1.58	- 0.70	0.01	0.32	- 68	0	33744	5189	

107441 CLCCK REQUEST @ READACCS T1=15414 SECONDS RUNNING 369200.71152 0546

076206 CLCCK REQUEST @ SERVICER T1=15415 SECONDS PUNNING 369200.77 712 1362

063150 CLCCK REQUEST @ RADAREAD T1=15421 SECONDS RUNNING 369200.814866 5129

006071 CLCCK REQUEST @ MUNGRAV T1=15427 SECONDS RUNNING 369200.874946 0256

006071 CLCCK REQUEST @ MUNGRAV T1=15441 SECONDS PUNNING 369200.971987 8537

073473 CLCCK REQUEST @ P63DISPS T1=15477 SECONDS RUNNING 369201.271120 4063

073476 CLCCK REQUEST @ ENDLLJCB T1=15477 SECONDS RUNNING 369201.273998 4318

DISPLAYS = 63 06 63 +55435 +00012 +46788 369202.000000

063073 CLCCK REQUEST @ LRLAT T1=15717 SECONDS RUNNING 369202.71198 7547

369202.7	1692623	430.3	- 0.08	- 158.8	1.14	- 0.64	356.30	- 1.60	- 0.00	- 0.10	- 14	0	120	529.1	43.15
102:33:23	6505	1.4	- 0.00	5554.3	38.57	179.45	14.18	14.19	0.03	- 1.53	- 1	0	15	17647	7.69
LANDING	- 445684	1633.2	- 0.34	1.1	46809	- 1.38	1.59	- 0.65	0.00	0.43	- 69	0	33736	5189	

107441 CLCCK REQUEST @ READACCS T1=15724 SECONDS RUNNING 369202.761152 1213

076206 CLCCK REQUEST @ SERVICER T1=15725 SECONDS RUNNING 369202.770712 2028

063150 CLCCK REQUEST @ RADAREAD T1=15731 SECONDS RUNNING 369202.814932 5807

006071 CLCCK REQUEST @ MUNGRAV T1=15737 SECONDS RUNNING 369202.878144 1196

006071 CLCCK REQUEST @ MUNGRAV T1=15751 SECONDS PUNNING 369202.973259 0312

073473 CLCCK REQUEST @ P63DISPS T1=16007 SECONDS PUNNING 369203.272114 4805

073476 CLCCK REQUEST @ ENDLLJCB T1=16007 SECONDS PUNNING 369203.274882 5051

DISPLAYS = 63 06 63 +55412 +00015 +46791 369204.000000

063073 CLCCK REQUEST @ LRLAT T1=16227 SECONDS PUNNING 369204.71198 8214

369200.7 1693481 427.1 - 0.08 - 161.0 1.14 - 0.65 359.20 - 1.61 - 0.00 - 0.10 - 15 0 12.0 529.1 41.48  
 102:33:25 6509 1.4 - 0.00 5551.9 38.45 179.64 174.26 174.28 0.05 - 1.53 0 0 20 17.34 7.69  
 LANDING - 442416 1633.3 - 0.34 1.3 46812 - 1.39 1.61 - 0.75 - 0.01 0.43 - 68 0 33328 5189

107441 CLCCK REQUEST @ READACCS T1=16234 SECONDS RUNNING 369200.761152 1875  
 076206 CLCCK REQUEST @ SERVICER T1=16235 SECONDS RUNNING 3692 4.0774001 2983  
 063150 CLCCK REQUEST @ RACAREAD T1=16241 SECONDS RUNNING 3692 4.0814853 6462  
 006071 CLCCK REQUEST @ MUNGRAV T1=16247 SECONDS RUNNING 3692 4.077147 1777  
 006071 CLCCK REQUEST @ MUNGRAV T1=16261 SECONDS RUNNING 3692 4.0971664 6843  
 073473 CLCCK REQUEST @ P63DISPS T1=16317 SECONDS RUNNING 3692 5.274440 5680  
 073476 CLCCK REQUEST @ ENCLLJOB T1=16317 SECONDS RUNNING 3692 5.277318 5925  
 DISPLAYS = 63 06 63 +55389 +0017 +46794 369200.000000  
 063073 CLCCK REQUEST @ LRALT T1=16537 SECONDS RUNNING 3692 6.718198 8880

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DFG

TIME LANDING	R (STABLE MEMBER METRIC UNITS)	V COORDS	A	LATVEL ECRVREL ALTRATE	LAT LONG ALT	YAW PITCH ROLL	BALL-R BALL-Y	CDUX CDUY CDUZ	PRATE QRATE RRATE	ATT-X ATT-Y ATT-Z	DPPx DPPY DPPZ	DCX DGY DCZ	THRUST DELTAV MASS	RCS DPS ABS	APDLU PERFLU
369200.7 102:33:27 LANDING -	1694332 6513 439148	423.8 - 0.08 - 161.0 1.4 - 0.00 5549.0 1633.4 - 0.34	1.5	1.14 - 0.77 38.34 179.89 46814 - 1.40	1.62 - 0.00 - 0.21 - 15 0 174.41 0.07 - 1.31 0.32 - 68	12.0 529.1 38.82 22 17.25 7.69	33319 5189								

107441 CLCCK REQUEST @ READACCS T1=16544 SECONDS RUNNING 369200.761152 2546  
 076206 CLCCK REQUEST @ SERVICER T1=16545 SECONDS RUNNING 3692 6.077112 2362  
 063150 CLCCK REQUEST @ RACAREAD T1=16551 SECONDS RUNNING 369200.814870 7131  
 006071 CLCCK REQUEST @ MUNGRAV T1=16562 SECONDS RUNNING 369200.94542 4782  
 006071 CLCCK REQUEST @ MUNGRAV T1=16575 SECONDS RUNNING 369207.15129 4551  
 073473 CLCCK REQUEST @ P63DISPS T1=16633 SECONDS RUNNING 3692 7.313413 9672  
 073476 CLCCK REQUEST @ ENCLLJOB T1=16633 SECONDS RUNNING 369207.316281 9917  
 DISPLAYS = 63 06 63 +55366 +0020 +46797 369208.000000  
 063073 CLCCK REQUEST @ LRALT T1=17047 SECONDS RUNNING 3692 8.718198 9547

369200.7 1695173 420.6 - 0.08 - 162.1 1.14 - 0.77 359.17 - 1.63 - 0.00 - 0.21 - 15 1 12.0 529.1 38.16  
 102:33:29 6507 1.4 - 0.00 5547.2 38.23 -179.83 174.25 174.57 0.05 - 1.27 - 0.1 - 1 25 17.17 7.69

LMY99	AGC	001	NASA 2021112-61 NEW SIMULATION	MARSKOT 20414415 /EYLES	LRRADAR2.ENVCMTEL 7/23/69	14:45	PAGE	156	
					/DUPLICATE	LANDING	LAST SNAP	369200	
107441	CLCCK	REQUEST	@	READACCS	T1=17054	SECONDS	RUNNING	369210.761152	3213
076206	CLCCK	REQUEST	@	SERVICER	T1=17055	SECONDS	RUNNING	369210.770712	4078
063150	CLCCK	REQUEST	@	RADAREAD	T1=17061	SECONDS	RUNNING	369210.814905	7799
006071	CLCCK	REQUEST	@	MUNGRAV	T1=17067	SECONDS	RUNNING	369210.877774	3164
006071	CLCCK	REQUEST	@	MUNGRAV	T1=17101	SECONDS	RUNNING	369210.972607	1257
073473	CLCCK	REQUEST	@	P63DISPS	T1=17137	SECONDS	RUNNING	369210.9271742	6783
073476	CLCCK	REQUEST	@	ENCLLJCB	T1=17137	SECONDS	RUNNING	369210.9274611	7028
DISPLAYS =	63	06	63	+55342	+00022	+46822		369210.000000	
072370	CLCCK	REQUEST	@	FLATCUT	T1=17351	SECONDS	RUNNING	369210.651568	4528
046022	CLCCK	REQUEST	@	ZOCM	T1=17351	SECONDS	RUNNING	369210.653057	4655
063073	CLCCK	REQUEST	@	LRLAT	T1=17357	SECONDS	RUNNING	369210.9718556	0244

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	RRATE	ATT-X	DRRX	DGX	THRUST	RCS	APOLU
LANDING	(STABLE MEMBER METRIC	COORDS)	FCPVEL	LONG	PITCH	BALL-P	CDUY	RRATE	ATT-Y	DRPY	DGY	DELTA V	DPS	PPILU	
	UNITS		ALTRATE	ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DRPZ	DGZ	MASS	APS		
369210.7	1656011	417.3	- 0.09	- 1.63.1	1.14	- 0.84	35.11	- 1.64	- 0.20	- 0.21	- 15	0	1360	52.61	36.51
102:33:31	6511	1.3	- 0.06	5544.9	38.12	- 1.79.54	104.74	1.04.76	0.10	- 0.98	0	27	1761.9	7.69	
LANDING -	432626	1633.6	- 0.38	1.9	46822	- 1.43	1.64	- 0.88	- 0.33	0.21	- 68	0	33303	5189	

107441	CLCCK	REQUEST	@	READACCS	T1=17364	SECONDS	RUNNING	369210.761202	3883
076206	CLCCK	REQUEST	@	SERVICER	T1=17365	SECONDS	RUNNING	369210.771181	4735
063150	CLCCK	REQUEST	@	RADAREAD	T1=17371	SECONDS	RUNNING	369210.814896	8465
006071	CLCCK	REQUEST	@	MUNGRAV	T1=17400	SECONDS	RUNNING	369210.884451	4401
006071	CLCCK	REQUEST	@	MUNGRAV	T1=17412	SECONDS	RUNNING	369210.983520	2855
073121	CLCCK	REQUEST	@	QUADGUID	T1=17504	SECONDS	RUNNING	369211.569375	2762
072216	CLCCK	REQUEST	@	THRATTLE	T1=17542	SECONDS	RUNNING	369211.865206	8192
006071	CLCCK	REQUEST	@	FINDCDUW	T1=17543	SECONDS	RUNNING	369211.875276	8951
073473	CLCCK	REQUEST	@	P63DISPS	T1=17601	SECONDS	RUNNING	369212.174106	4451
073476	CLCCK	REQUEST	@	ENCLLJCB	T1=17601	SECONDS	RUNNING	369212.177112	4708
063073	CLCCK	REQUEST	@	LRLAT	T1=17667	SECONDS	RUNNING	369212.9718592	0914

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LPS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-F	CDUX	PRATE	ATT-X	DPPX	DCX	THRUST	RCS	APOLU
LANDING	(STABLE MEMBER METRIC UNITS)	COORDS)	FCRVEL	LCNG	PITCH	BALL-P	CDUY	GRATE	ATT-Y	DPPY	DGY	DELTA V	OPS	PERILU	
			ALTRATE	ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	DGZ	MASS	APS		
369212.7 102:33:33	1656842 6514	413.2 - 1.69 - 163.9 1.3 - 3.03 5531.3	2.2	1.14 - 0.97 38.61 -179.18	1.65 - 0.00 1.05 0.16	0.21 - 97 0.76 - 5	0	9717 40	5200.1 17562	26.94 7.69					
LANDING	429360	163.04 - 2.78	2.2	46826 - 1.44	1.65 - 1.03 - 0.10	0.10 - 399	0	33256	5189						
107441	CLCK REQUEST @	READACCS				T1=17674		SECONDS	RUNNING			369212.761206		4551	
076206	CLCK REQUEST @	SERVICER				T1=17675		SECONDS	RUNNING			369212.771236		5406	
063150	CLCK REQUEST @	RADAREAD				T1=17701		SECONDS	RUNNING			369212.8149.4		9133	
006071	CLCK REQUEST @	MUNGRAV				T1=17710		SECONDS	RUNNING			369212.882283		4882	
006071	CLCK REQUEST @	MUNGRAV				T1=17722		SECONDS	RUNNING			369212.983299		3502	
DISPLAYS =	63	06	63	+55319	+00024	+46816								369213.000018	
073121	CLCK REQUEST @	QUADGUID				T1=20014		SECONDS	RUNNING			369213.566641		3281	
072216	CLCK REQUEST @	THRDTTLE				T1=20052		SECONDS	RUNNING			369213.863973		8653	
006071	CLCK REQUEST @	FINDCDUW				T1=20053		SECONDS	RUNNING			369213.874043		4513	
073473	CLCK REQUEST @	PE3DISPS				T1=20111		SECONDS	RUNNING			369214.179390		6549	
073476	CLCK REQUEST @	ENDLLJOB				T1=20112		SECONDS	RUNNING			369214.183692		5926	
063073	CLCK REQUEST @	LRAIT				T1=20177		SECONDS	RUNNING			369214.718605		1582	
369214.7 102:33:35	1697664 6518	408.7 - 0.73 - 163.8 1.2 - 2.06 5512.4	2.2	1.14 - 1.56 37.90 -178.29	1.65 - 0.00 1.05 0.78	0.21 - 142 0.43 - 9	0	9700 59	5200.1 17407	13.71 7.67					
LANDING	426104	1625.6 - 2.79	2.2	46830 - 1.44	1.65 - 1.61 - 0.44	0.21 - 559	0	33191	5189						
107441	CLCK REQUEST @	PEADACCS				T1=20204		SECONDS	RUNNING			369214.761209		5217	
076206	CLCK REQUEST @	SERVICER				T1=20205		SECONDS	RUNNING			369214.771245		6074	
063150	CLCK REQUEST @	RADAREAD				T1=20211		SECONDS	RUNNING			369214.814863		9796	
006071	CLCK REQUEST @	MUNGRAV				T1=20220		SECONDS	RUNNING			369214.886128		5869	
006071	CLCK REQUEST @	MUNGRAV				T1=20232		SECONDS	RUNNING			369214.985326		4343	
DISPLAYS =	63	06	63	+55184	+00026	+46811								369215.000022	
073121	CLCK REQUEST @	QUADGUID				T1=20320		SECONDS	RUNNING			369215.524801		0377	
072216	CLCK REQUEST @	THRDTTLE				T1=20354		SECONDS	RUNNING			369215.811200		3972	

LMY99 AGC 001 NASA 2021112-061 NEW SIMULATION MARSROT 20414415 /EYLES LRRADAR2, FNVNCTPL 7/23/69 14:43 PAGE 158  
/DUPLICATE LANDING LAST SNAP 369200

006071	CLCK REQUEST @ FINDCCUW	T1=20355	SECONDS RUNNING	369216.811090	4807
073473	CLCK REQUEST @ P63DISPS	T1=20417	SECONDS RUNNING	369216.152459	3937
073476	CLCK REQUEST @ ENDLLJCB	T1=20417	SECONDS RUNNING	369216.155470	4194
063073	CLCK REQUEST @ LRALT	T1=20507	SECONDS RUNNING	369216.718599	2248

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME LANDING	R (STABLE METRIC)	V (MEMBER UNITS)	A (COORDS)	LA TVEL FORVEL ALTRATE	LA T LONG ALT	YAW PITCH ROLL	HALL-R BALL-P BALL-Y	CDUX CDUY CDUZ	PEATE OKATE RRATE	ATT-X ATT-Y ATT-Z	DPPX DPPY DPPZ	DGX DGY DGZ	THRUST DELTAV MASS	RCS DPS APS	APOLI PEPILU
369216.7 102:33:37 LANDING	1698477 6521 - 422856	404.1 1.0 1620.9	- 0.80 - 0.09 - 2.77	- 160.4 5453.6 1.8	1.13 37.79 46834	- 2.10 -176.70 - 1.41	357.84 107.21 1.62	- 1.62 107.25 - 2.15	0.00 0.40 0.25	- 0.21 0.87 - 0.76	- 151 - 14 - 557	0 0 0	977 78 33127	529.0 174.33 5189	7.71 0.66
107441	CLCK REQUEST @ READACCS	T1=20514	SECONDS RUNNING	369216.761227	5886										
076206	CLCK REQUEST @ SERVICER	T1=20515	SECONDS RUNNING	369216.775694	7120										
063150	CLCK REQUEST @ RADAREAD	T1=20521	SECONDS RUNNING	369216.814904	4666										
006071	CLCK REQUEST @ MUNGRAV	T1=20530	SECONDS RUNNING	369216.883745	6340										
006071	CLCK REQUEST @ MUNGRAV	T1=20542	SECONDS RUNNING	369216.969250	5344										
DISPLAYS =	63	06	63	+54995	+00026	+46816									369217.000022
073121	CLCK REQUEST @ QUACGUID	T1=20633	SECONDS RUNNING	369217.557061	3797										
072216	CLCK REQUEST @ THROTTLE	T1=20664	SECONDS RUNNING	369217.807660	5181										
006071	CLCK REQUEST @ FINDCCUW	T1=20665	SECONDS RUNNING	369217.817449	6017										
073473	CLCK REQUEST @ P63DISPS	T1=20724	SECONDS RUNNING	369218.124139	2187										
073476	CLCK REQUEST @ ENDLLJCB	T1=20730	SECONDS RUNNING	369218.160987	5332										
063073	CLCK REQUEST @ LRALT	T1=21017	SECONDS RUNNING	369218.718600	2915										

369216.7 102:33:39 LANDING	1699281 6524 - 419619	399.3 0.8 1616.1	- 0.83 - 0.07 - 2.77	- 157.7 5474.7 0.8	1.13 37.68 46837	- 1.71 -176.00 - 1.38	358.23 107.82 1.59	- 1.59 107.86 - 1.76	0.00 0.17 0.13	- 0.21 1.53 - 0.32	- 163 - 16 - 554	0 0 0	977 87 33062	529.0 174.60 5189	7.70 - 12.13
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107441	CLCK REQUEST @ READACCS	T1=21024	SECONDS RUNNING	369218.761229	6552
076206	CLCK REQUEST @ SERVICER	T1=21025	SECONDS RUNNING	369218.776291	7838
063150	CLCK REQUEST @ RADAREAD	T1=21031	SECONDS RUNNING	369218.814869	1130
006071	CLCK REQUEST @ MUNGRAV	T1=21040	SECONDS RUNNING	369218.883101	6952



LMY99	AGC	001	NASA 2021112-061 NEW SIMULATION	MARSROT 20414415 /EYLES	LRRADAR20.FNVCNTRL /7/23/19 14:43	PAGE 160
					/DUPLICATE LANDING LAST SNAP	369200
107441	CLCCK	REQUEST @	READACCS	T1=21644	SECONDS RUNNING	3692220761212 7884
076206	CLCCK	REQUEST @	SERVICER	T1=21645	SECONDS RUNNING	3602220775999 9146
063150	CLCCK	REQUEST @	RADAREAD	T1=21651	SECONDS RUNNING	369220814880 2464
006071	CLCCK	REQUEST @	MUNGRAV	T1=21660	SECONDS RUNNING	369220885268 8470
006071	CLCCK	REQUEST @	MUNGRAV	T1=21673	SECONDS RUNNING	369220901065 7498
DISPLAYS =	63	06	63	+54427 +00001 +46826		3692230000010
073121	CLCCK	REQUEST @	QUADGUID	T1=21764	SECONDS RUNNING	3692230501707 6193
072216	CLCCK	REQUEST @	THRATTLE	T1=22015	SECONDS RUNNING	3602230811442 7504
006071	CLCCK	REQUEST @	FINDCOW	T1=22016	SECONDS RUNNING	3692240822549 8452
073473	CLCCK	REQUEST @	R63DISFS	T1=22060	SECONDS RUNNING	3692240161507 7376
073476	CLCCK	REQUEST @	ENDLLJCB	T1=22060	SECONDS RUNNING	3692240164510 7533
063073	CLCCK	REQUEST @	LRLAT	T1=22147	SECONDS RUNNING	3692240718600 4015

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME LANDING	R (STABLE METRIC)	V MEMBER	A COORDS	LATVEL FORVEL	LAT LONG ALT	YAW RITCH ROLL	BALL-R BALL-P BALL-Y	CPUX CDUX CDUZ	PRATE QRATE RRATE	ATT-X ATT-Y ATT-Z	DRPX DRPY DRPZ	DCX DCY DCZ	THRUST DELTAV MASS	PCS DRPS APS	APOLU PERILU
369224.7	1701635	385.1	-0.75	-1630.6	1.13	-1.50	358.47	-1.65	-0.20	-0.21	-155	0	9772	5280.9	-7070
102:33:45	6531	0.4	-0.06	5417.4	370.36	-177.48	106.01	-0.65	-0.57	1.53	-14	0	154	17175	-49.42
LANDING	-409963	1601.6	-2.81	-2.3	46832	-1.44	1.65	-1.52	0.12	-0.10	-561	0	32849	5189	

107441	CLCCK	REQUEST @	READACCS	T1=22154	SECONDS RUNNING	3692240761262 8555
076206	CLCCK	REQUEST @	SERVICER	T1=22155	SECONDS RUNNING	3692240775716 9789
063150	CLCCK	REQUEST @	RADAREAD	T1=22161	SECONDS RUNNING	3692240814982 3131
006071	CLCCK	REQUEST @	MUNGRAV	T1=22170	SECONDS RUNNING	3692240881632 8927
006071	CLCCK	REQUEST @	MUNGRAV	T1=22202	SECONDS RUNNING	3692240989330 8017
DISPLAYS =	63	06	63	+54236 -00010 +46825		3692250000019
073121	CLCCK	REQUEST @	QUADGUID	T1=22270	SECONDS RUNNING	3692250522507 3515
072216	CLCCK	REQUEST @	THRATTLE	T1=22324	SECONDS RUNNING	3692250806895 7793
006071	CLCCK	REQUEST @	FINDCOW	T1=22325	SECONDS RUNNING	3692250816685 8618
073473	CLCCK	REQUEST @	R63DISRS	T1=22364	SECONDS RUNNING	3692260122262 4694
073476	CLCCK	REQUEST @	ENDLLJCB	T1=22370	SECONDS RUNNING	3692260163216 8189



063073 CLCCK REQUEST @ LRALT T1=22457 SECONDS RUNNING 369226.718599 5581

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LAT	LAT	YAW	BALL-P	COUX	PRATE	ATT-X	DPPX	DGX	THRUST	PCG	APDU
LANDING	(STABLE MEMBER METRIC UNITS)	COORDS)	FORVEL	ALTRATE	LONG	PITCH	BALL-P	COUY	PRATE	ATT-Y	DPPY	DGY	DELTA V	OPS	PERILU
369226.7	1702400	389.5	- 0.69	- 166.2	1.13	- 1.23	358.75	- 1.69	- 0.60	- 0.21	- 144	0	9773	528.9	7.7
102:33:47	6533	0.2	- 0.04	5398.2	37.2E	-178.58	104.81	104.84	- 0.60	0.98	- 11	0	173	17111	- 61.50
LANDING	- 406764	1596.7	- 2.83	- 3.0	46827	- 1.47	1.68	- 1.25	0.11	0.00	- 565	0	32865	5189	

107441 CLCCK REQUEST @ READACCS T1=22464 SECONDS RUNNING 369226.761232 9219

076206 CLCCK REQUEST @ SERVICER T1=22465 SECONDS RUNNING 369226.777332 8593

063150 CLCCK REQUEST @ RACAREAC T1=22471 SECONDS RUNNING 369226.814874 3797

006071 CLCCK REQUEST @ MUNGRAV T1=22500 SECONDS RUNNING 369226.886138 9879

006071 CLCCK REQUEST @ MUNGRAV T1=22513 SECONDS RUNNING 369226.992164 8926

DISPLAYS = 63 06 63 +54045 -00019 +46822 369227.000008

073121 CLCCK REQUEST @ QUADGUID T1=22603 SECONDS RUNNING 369227.557158 7138

072216 CLCCK REQUEST @ THROTTLE T1=22634 SECONDS RUNNING 369227.807962 8540

006071 CLCCK REQUEST @ FINOCOUW T1=22636 SECONDS RUNNING 369227.822571 9787

073473 CLCCK REQUEST @ P63DISPS T1=22677 SECONDS RUNNING 369228.158279 8434

073476 CLCCK REQUEST @ ENDLJCB T1=22700 SECONDS RUNNING 369228.162249 8773

063073 CLCCK REQUEST @ LRALT T1=22767 SECONDS RUNNING 369228.718599 6248

369228.7	1703157	376.1	- 0.64	- 168.5	1.12	- 1.20	358.78	- 1.71	- 0.60	- 0.32	- 133	0	9773	528.9	7.70
102:33:49	6534	0.1	- 0.04	5378.9	37.14	-179.60	103.68	103.72	- 0.50	0.54	- 9	0	193	17047	- 73.42
LANDING	- 403575	1591.8	- 2.85	- 3.4	46821	- 1.49	1.71	- 1.21	- 0.10	0.00	- 569	0	32740	5189	

107441 CLCCK REQUEST @ READACCS T1=22774 SECONDS RUNNING 369228.761275 9890

076206 CLCCK REQUEST @ SERVICER T1=22775 SECONDS RUNNING 369228.775904 1138

063150 CLCCK REQUEST @ RACAREAC T1=23001 SECONDS RUNNING 369228.814928 4468

006071 CLCCK REQUEST @ MUNGRAV T1=23010 SECONDS RUNNING 369228.886197 379

006071 CLCCK REQUEST @ MUNGRAV T1=23023 SECONDS RUNNING 369228.990122 9418

DISPLAYS = 63 06 63 +53854 -00026 +46818 369229.000008

073121 CLCCK REQUEST @ QUADGUID T1=23113 SECONDS RUNNING 369229.55896 7959

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/DUPLICATE LANDING LAST SNAP 369200

072216 CLCCK REQUEST @ THROTTLE T1=23144 SECONDS RUNNING 369229.818055 9215  
006071 CLCCK REQUEST @ FINDCDUW T1=23145 SECONDS RUNNING 369229.817832 0049  
073473 CLCCK REQUEST @ P63DISPS T1=23204 SECONDS RUNNING 369230.124295 6201  
073476 CLCCK REQUEST @ ENDLLJCB T1=23207 SECONDS RUNNING 369230.159657 9218  
063073 CLCCK REQUEST @ LRLAT T1=23277 SECONDS RUNNING 369230.718593 6914

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SFC, DFG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-P	CDUX	PRATE	ATT-X	DPPX	DX	THRUST	RCS	APDU
LANDING	(STABLE MEMBER METRIC UNITS)	(COORDS)	FORVEL	LONG	PITCH	BALL-P	CDUY	ORATE	ATT-Y	DRPY	DGY	DFLTAV	OPS	PERILU	
			ALTRATF	ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	DCZ	MASS	APS		
369230.7	1703905	371.7	- 0.61	- 170.2	1.12	- 1.30	358.69	- 1.73	- 0.00	- 0.32	- 125	0	9774	528.9	7.70
102:33:51	6536	0.0	- 0.05	5340.3	37.03	179.80	102.99	103.01	- 0.29	0.10	- 10	0	212	16982	- 85.17
LANDING	- 400396	156.8	- 2.87	- 3.6	46814	- 1.52	1.73	- 1.30	- 0.00	0.00	- 573	0	32676	5189	

107441 CLCCK REQUEST @ READACCS T1=23304 SECONDS RUNNING 369230.761208 7551

076206 CLCCK REQUEST @ SERVICER T1=23305 SECONDS RUNNING 369230.775910 1805

063150 CLCCK REQUEST @ RADAREAD T1=23312 SECONDS RUNNING 369230.820107 5568

006071 CLCCK REQUEST @ MUNGRAV T1=23323 SECONDS RUNNING 369230.912289 3443

DISRLAYS = 63 06 63 +53662 -10030 +46812 369231.00007

006071 CLCCK REQUEST @ MUNGRAV T1=23343 SECONDS RUNNING 369231.073699 7216

073121 CLCCK REQUEST @ QUADGUID T1=23427 SECONDS RUNNING 369231.594457 1655

072216 CLCCK REQUEST @ THROTTLE T1=23463 SECONDS RUNNING 369231.871132 5264

006071 CLCCK REQUEST @ FINDCDUW T1=23464 SECONDS RUNNING 369231.882271 6215

073473 CLCCK REQUEST @ P63DISPS T1=23523 SECONDS RUNNING 369232.191647 2615

073476 CLCCK REQUEST @ ENDLLJCB T1=23523 SECONDS RUNNING 369232.194653 2871

063073 CLCCK REQUEST @ LRLAT T1=23607 SECONDS RUNNING 369232.718593 7581

369232.7	1704644	367.4	- 0.60	- 170.8	1.12	- 1.25	358.74	- 1.74	- 0.00	- 0.32	- 120	0	9774	528.9	7.70
102:33:53	6522	0.0	- 0.04	5340.3	36.93	179.72	102.79	102.83	- 0.27	0.10	- 10	0	231	16918	- 96.75
LANDING	- 357231	158.8	- 2.87	- 3.7	46806	- 1.52	1.74	- 1.25	- 0.02	0.00	- 575	0	32612	5189	

107441 CLCCK REQUEST @ READACCS T1=23614 SECONDS RUNNING 369232.761208 1217

076206 CLCCK REQUEST @ SERVICER T1=23615 SECONDS RUNNING 369232.777187 2581

063150 CLCCK REQUEST @ RADAREAD T1=23621 SECONDS RUNNING 369232.814394 5708

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006071	CLCCK REQUEST @ MUNGRAV	T1=23631	SECONDS RUNNING	369232.886119	1876
006071	CLCCK REQUEST @ MUNGRAV	T1=23643	SECONDS RUNNING	369232.991354	0856
DISPLAYS =	63 06 63 +53475 -00032 +46806				369233.000002
073121	CLCCK REQUEST @ QUADGUID	T1=23733	SECONDS RUNNING	369233.557149	9138
072216	CLCCK REQUEST @ THRUTTLE	T1=23764	SECONDS RUNNING	369233.616963	0455
006071	CLCCK REQUEST @ FINDCDUW	T1=23765	SECONDS RUNNING	369233.816741	1289
073473	CLCCK REQUEST @ P63DISPS	T1=24027	SECONDS RUNNING	369234.167892	0401
073476	CLCCK REQUEST @ ENDLLJCB	T1=24130	SECONDS RUNNING	369234.161859	1747
063073	CLCCK REQUEST @ LRALT	T1=24117	SECONDS RUNNING	369234.718593	8247

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME LANDING	R (STABLE MEMBER METRIC UNITS)	V (MEMBER UNITS)	A (COORDS)	LATVEL FORVEL ALTRATE	LAT LONG ALT	YAW PITCH RCLL	BALL-R BALL-P BALL-Y	CDUX CDUY CUZ	PPATE ORATE RRATE	ATT-X ATT-Y ATT-Z	DPPX DPPY DPPZ	DCY DGY DGZ	THRUST DELTAV MASS	RCS DPS APS	APOLU PERILU	
369234.7 102:33:55 LANDING	1705374 6522	363.1 0.1	- 3.59 - 0.04	- 171.03 5321.0	1.12 36.82	- 1.26 179.64	356.73 132.61	- 1.75 1.12	- 0.00 0.08	- 0.32 0.10	- 119 0		9775 25	528.9 16252	7.7 -1	8.15
	- 39472	1576.7	- 2.38	- 4.0	46798	- 1.53	1.75	- 1.26	- 0.33	0.30	- 575		22547	1189		

107441	CLCCK REQUEST @ READACCS	T1=24124	SECONDS RUNNING	369234.761236	1886
076206	CLCCK REQUEST @ SERVICER	T1=24125	SECONDS RUNNING	369234.775636	3115
063150	CLCCK REQUEST @ RADAREAD	T1=24131	SECONDS RUNNING	369234.814921	6467
006071	CLCCK REQUEST @ MUNGRAV	T1=24140	SECONDS RUNNING	369234.884637	2417
006071	CLCCK REQUEST @ MUNGRAV	T1=24152	SECONDS RUNNING	369234.999748	1386
DISPLAYS =	63 06 63 +53277 -00034 +46799				369235.000029
073121	CLCCK REQUEST @ QUADGUID	T1=24243	SECONDS RUNNING	369235.557043	9795
072216	CLCCK REQUEST @ THRUTTLE	T1=24274	SECONDS RUNNING	369235.807962	1207
006071	CLCCK REQUEST @ FINDCDUW	T1=24275	SECONDS RUNNING	369235.817741	2041
073473	CLCCK REQUEST @ P63DISPS	T1=24334	SECONDS RUNNING	369236.123117	8100
073476	CLCCK REQUEST @ ENDLLJCB	T1=24337	SECONDS RUNNING	369236.158167	1083
063073	CLCCK REQUEST @ LRALT	T1=24427	SECONDS RUNNING	369236.718593	8914

369236.7 1706810 358.7 - 0.59 - 171.8 1.12 - 1.33 358.67 - 1.75 - 0.00 - 0.32 - 118 9776 528.9 7.69  
 102:33:57 6523 - 0.2 - 0.05 5311.7 36.71 179.68 132.54 102.57 0.01 - 0.00 - 11 270 16789 -119.39

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 /DUPLICATE LAMBING LAST SNAP 369200

LANDING - 390922 1571.7 - 2.88 - 4.2 46790 - 1.54 1.75 - 1.32 - 0.01 - 0.10 - 578 0 32483 5189

107441 CLCCK REQUEST @ READACCS T1=24434 SECONDS RUNNING 369236.761251 2554

076206 CLCCK REQUEST @ SERVICER T1=24435 SECONDS RUNNING 369236.775828 3798

063150 CLCCK REQUEST @ RADAREAD T1=24441 SECONDS RUNNING 369236.814880 7131

006071 CLCCK REQUEST @ MUNGRAV T1=24450 SECONDS RUNNING 369236.882220 2877

006071 CLCCK REQUEST @ MUNGRAV T1=24462 SECONDS RUNNING 369236.989611 2041

DISPLAYS = 63 06 63 +53085 -00036 +46792 369237.000015

073121 CLCCK REQUEST @ QUADGUID T1=24550 SECONDS RUNNING 369237.522191 7479

072216 CLCCK REQUEST @ THROTTLE T1=24604 SECONDS RUNNING 369237.805135 1632

006071 CLCCK REQUEST @ FINCCDUW T1=24605 SECONDS RUNNING 369237.814915 2467

073473 CLCCK REQUEST @ P63DISPS T1=24643 SECONDS RUNNING 369238.117821 8315

073476 CLCCK REQUEST @ ENDLJCB T1=24644 SECONDS RUNNING 369238.121788 8653

063073 CLCCK REQUEST @ LRALT T1=24737 SECONDS RUNNING 369238.718593 9581

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DppX	DGX	TRFUST	RCS	APOLU
LANDING	(STABLE MEMBER COORDS)	METRIC UNITS	FCRVEL	LONG	PITCH	ROLL	BALL-P	CDUY	QRATE	ATT-Y	DPpy	DGY	DELTA V	DPS	PERILU
			ALTRATE	ALT			BALL-Y	CDUZ	FRATE	ATT-Z	DPpZ	DGZ	MASS	APS	
369238.7	1706810	354.4	- 0.59	- 172.3	1.12	- 1.33	358.67	- 1.76	- 0.00	- 0.32	- 117	0	9776	528.9	7.69
102:33:59	6523	- 0.3	- 0.05	5282.3	36.61	179.67	102.43	102.46	- 0.13	0.21	- 11	0	289	16725	-131.46
LANDING	- 387784	1566.6	- 2.89	- 4.6	46781	- 1.55	1.76	- 1.32	- 0.00	- 0.10	- 578	0	32418	5189	

107441 CLCCK REQUEST @ READACCS T1=24744 SECONDS RUNNING 369238.761258 3217

076206 CLCCK REQUEST @ SERVICER T1=24745 SECONDS RUNNING 369238.777105 4574

063150 CLCCK REQUEST @ RADAREAD T1=24751 SECONDS RUNNING 369238.814866 7796

006071 CLCCK REQUEST @ MUNGRAV T1=24760 SECONDS RUNNING 369238.885694 3840

006071 CLCCK REQUEST @ MUNGRAV T1=24773 SECONDS RUNNING 369238.991395 2860

DISPLAYS = 63 06 63 +52891 -00039 +46785 369239.000002

073121 CLCCK REQUEST @ QUADGUID T1=25060 SECONDS RUNNING 369239.523288 8248

072216 CLCCK REQUEST @ THROTTLE T1=25114 SECONDS RUNNING 369239.814989 2287

006071 CLCCK REQUEST @ FINCCDUW T1=25115 SECONDS RUNNING 369239.814762 3121

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 /DURLCATE LANDING LAST SNAP 369200

073473 CLCCK REQUEST @ R63DISRS T1=25154 SECONDS RUNNING 369240.123282 9449  
 073476 CLCCK REQUEST @ ENCLLJCB T1=25157 SECONDS RUNNING 369240.158603 2462  
 063073 CLCCK REQUEST @ LRALT T1=25247 SECONDS RUNNING 369240.718593 0247

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	DGX	THRUST	PCS	APDLU
LANDING	(STABE	MEMBER	COORDS)	FCRVEL	LONG	RITCH	BALL-P	CDUY	QRATE	ATT-Y	DPPY	DGY	DELTA V	QRS	PERILU
	METRIC	UNITS		ALTRATE	ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DRZ	DGZ	MASS	APS	
369240.7	1707515	350.1	- 0.57	- 173.0	1.11	- 1.30	356.71	- 1.77	- 0.00	- 0.32	- 116	0	9777	528.9	7.69
102:34: 1	6523	- 0.5	- 0.05	5262.8	36.50	179.47	102.13	1.16	- 0.17	- 0.30	- 10	0	309	166.6	-147.38
LANDING	- 384655	1561.5	- 2.91	- 5.0	46771	- 1.56	1.77	- 1.28	- 0.10	- 0.50	- 581	0	32254	5189	

107441 CLCCK REQUEST @ READACCS T1=25254 SECONDS RUNNING 369240.761250 3889

076206 CLCCK REQUEST @ SERVICER T1=25255 SECONDS RUNNING 369240.775828 5132

063150 CLCCK REQUEST @ RADAREAD T1=25261 SECONDS RUNNING 369240.814866 8463

006071 CLCCK REQUEST @ MUNGRAV T1=25270 SECONDS RUNNING 369240.884499 4705

006071 CLCCK REQUEST @ MUNGRAV T1=25303 SECONDS RUNNING 369240.991914 3486

DISRLAYS = 63 06 63 +52698 -00.43 +46777 369240.00002

073121 CLCCK REQUEST @ QUADGUID T1=25373 SECONDS RUNNING 369240.558806 1946

072216 CLCCK REQUEST @ THROTTLE T1=25424 SECONDS RUNNING 369240.808212 3228

006071 CLCCK REQUEST @ FINDCCUM T1=25425 SECONDS RUNNING 369240.817090 4063

073473 CLCCK REQUEST @ R63DISPS T1=25464 SECONDS RUNNING 369240.124669 0233

073476 CLCCK REQUEST @ ENCLLJCB T1=25470 SECONDS RUNNING 369240.161225 3352

063073 CLCCK REQUEST @ LRALT T1=25557 SECONDS RUNNING 369240.718593 0514

369242.7	1708211	345.9	- 0.56	- 173.8	1.11	- 1.32	356.70	- 1.79	- 0.00	- 0.32	- 112	0	9777	528.9	7.69
102:34: 3	6523	- 0.6	- 0.05	5243.4	36.40	179.29	101.84	1.08	- 0.12	- 0.30	- 11	0	328	165.96	-152.16
LANDING	- 381536	1556.4	- 2.91	- 5.0	46761	- 1.57	1.78	- 1.29	- 0.00	- 0.50	- 582	0	32289	5189	

107441 CLCCK REQUEST @ READACCS T1=25564 SECONDS RUNNING 369240.761222 4552

076206 CLCCK REQUEST @ SERVICER T1=25565 SECONDS RUNNING 369240.775691 5786

063150 CLCCK REQUEST @ RADAREAD T1=25571 SECONDS RUNNING 369240.814880 9131

006071 CLCCK REQUEST @ MUNGRAV T1=25600 SECONDS RUNNING 369240.882330 4386

006071 CLCCK REQUEST @ MUNGRAV T1=25613 SECONDS RUNNING 369240.991914 3486

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/DUPLICATE LANDING LAST SNAP 369200

DISPLAYS = 63 06 63 +52513 -10047 +46768 369243.000070

073121	CLOCK REQUEST @ QUADGUID	T1=25701	SECONDS RUNNING	369243.022727	9533
072216	CLOCK REQUEST @ THROTTLE	T1=25734	SECONDS RUNNING	369243.804464	3575
006071	CLOCK REQUEST @ FINDCDUW	T1=25735	SECONDS RUNNING	369243.814241	4499
073473	CLOCK REQUEST @ P63DISPS	T1=25773	SECONDS RUNNING	369244.117340	274
073476	CLOCK REQUEST @ ENDLJCB	T1=25774	SECONDS RUNNING	369244.121307	612
063073	CLOCK REQUEST @ LRLAT	T1=26767	SECONDS RUNNING	369244.718593	1591

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	DGX	THRUST	RCS	APDU
LANDING	(STABLE	MEMBER	COORDS)	FORVEL	LONG	PITCH	BALL-P	CDUY	OPATE	ATT-Y	DPPY	DGY	DELTA V	DPS	PERILU
	METRIC	UNITS		ALTRATE	ALT	ROLL	BALL-Y	CDUZ	RPRATE	ATT-Z	DPPZ	DGZ	MASS	APS	
369244.7	1708899	341.6	- 0.55	- 174.4	1.11	- 1.29	358.73	- 1.80	- 0.00	- 0.32	- 111		9778	528.0	7.69
102:34: 5	6523	- 0.7	- 0.05	5223.8	36.29	179.17	111.62	101.65	- 0.11	- 0.00	- 111		347	165.31	-162.77
LANDING	- 378428	1551.2	- 2.92	- 5.9	46749	- 1.58	1.79	- 1.27	0.03	(. )	- 583		32225	5180	

107441	CLOCK REQUEST @ READACCS	T1=26074	SECONDS RUNNING	369244.761222	5219
076206	CLOCK REQUEST @ SERVICER	T1=26075	SECONDS RUNNING	369244.777174	6580
063150	CLOCK REQUEST @ KADAREAD	T1=26101	SECONDS RUNNING	369244.814921	9801
006071	CLOCK REQUEST @ MUNGRAV	T1=26110	SECONDS RUNNING	369244.866133	5878
006071	CLOCK REQUEST @ MUNGRAV	T1=26123	SECONDS RUNNING	369244.991203	4844

DISPLAYS = 63 06 63 +52309 -00051 +46758 369245.000016

073121	CLOCK REQUEST @ QUADGUID	T1=26210	SECONDS RUNNING	369245.523237	1244
072216	CLOCK REQUEST @ THROTTLE	T1=26244	SECONDS RUNNING	369245.804327	4230
006071	CLOCK REQUEST @ FINDCDUW	T1=26245	SECONDS RUNNING	369245.814098	5064
073473	CLOCK REQUEST @ P63DISPS	T1=26304	SECONDS RUNNING	369246.121484	1294
073476	CLOCK REQUEST @ ENDLJCB	T1=26304	SECONDS RUNNING	369246.124490	1551
063073	CLOCK REQUEST @ LRLAT	T1=26377	SECONDS RUNNING	369246.718593	2247

369246.7	1709578	337.4	- 0.54	- 175.0	1.11	- 1.28	358.75	- 1.81	- 0.00	- 0.32	- 108		9778	528.0	7.69
102:34: 7	6522	- 0.8	- 0.05	5214.3	36.19	179.07	111.41	101.44	- 0.11	- 0.00	- 111		267	164.67	-173.24
LANDING	- 375330	1546.1	- 2.93	- 6.3	46737	- 1.59	1.8	- 1.25	- 0.04	0.00	- 586		32161	5180	

107441 CLOCK REQUEST @ READACCS T1=26474 SECONDS RUNNING 369246.761210 5884

LMY99 AGC 001 NASA 2021112-061 NEW SIMULATION MARKSRT 20414415 /EYLES LPRADAR?FNVCNTP1 7/23/66 14:43 PAGE 167  
/DUPLICATE LANDING LAST SNAP 369200

076206 CLCCK REQUEST @ SERVICER T1=26405 SECONDS RUNNING 369246.775635 7115  
063150 CLCCK REQUEST @ RACAREAD T1=26411 SECONDS RUNNING 369246.814464 0463  
006071 CLCCK REQUEST @ MUNGRAV T1=26420 SECONDS RUNNING 369246.885427 6484  
006071 CLCCK REQUEST @ MUNGRAV T1=26433 SECONDS RUNNING 369246.990369 5439

DISPLAYS = 63 06 63 +52114 -00055 +46743 369246.900046

073121 CLCCK REQUEST @ QUADGUID T1=26523 SECONDS RUNNING 369247.557155 3805  
072216 CLCCK REQUEST @ THROTTLE T1=26554 SECONDS RUNNING 369247.81750 5168  
006071 CLCCK REQUEST @ FINDCDUW T1=26555 SECONDS RUNNING 369247.817272 6011  
073473 CLCCK REQUEST @ P<sup>6</sup>3DISP<sup>S</sup> T1=26614 SECONDS RUNNING 369248.122345 2134  
073476 CLCCK REQUEST @ ENCLLJOB T1=26617 SECONDS RUNNING 369248.157485 5033  
063073 CLCCK REQUEST @ LRALT T1=26767 SECONDS RUNNING 369248.718593 2914

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPX	DGX	THPST	RFS	APOLU
LANDING	(STABLE MEMBER	COORDS)	EDRVEL	LCNG	PITCH	BALL-P	CDUY	ORATE	ATT-Y	DPY	DGY	DELTA	DPS	PER ILU	
	METRIC	UNITS	ALTRATE	ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	DGZ	MASS	APS		
369248.7	1710249	333.2	- 0.53	- 175.8	1.11	- 1.36	358.67	- 1.82	- 0.00	- 0.32	- 117	0	5779	528.9	7.69
102:34:9	6521	- 0.9	- 0.05	5184.7	36.09	178.91	101.14	110.18	- 0.13	- 0.76	- 111	0	287	1.54	- 183.57
LANDING	- 372242	154.09	- 2.94	- 6.8	46724	- 1.60	1.81	- 1.32	- 0.03	- 0.10	- 587	0	32096	5180	

107441 CLCCK REQUEST @ READACCS T1=26714 SECONDS RUNNING 369248.761236 6553  
076206 CLCCK REQUEST @ SERVICER T1=26715 SECONDS RUNNING 369248.775938 7808  
063150 CLCCK REQUEST @ RACAREAD T1=26721 SECONDS RUNNING 369248.814464 1129  
006071 CLCCK REQUEST @ MUNGRAV T1=26730 SECONDS RUNNING 369248.885427 6920  
006071 CLCCK REQUEST @ MUNGRAV T1=26742 SECONDS RUNNING 369248.990369 6127

DISPLAYS = 63 06 63 +51919 -00059 +46736 369249.000002

073121 CLCCK REQUEST @ QUADGUID T1=27030 SECONDS RUNNING 369249.557155 1438  
072216 CLCCK REQUEST @ THROTTLE T1=27064 SECONDS RUNNING 369249.81750 5545  
006071 CLCCK REQUEST @ FINDCDUW T1=27065 SECONDS RUNNING 369249.817272 6379

LMY99	AGC	001	NASA 2421112-01	NEW SIMULATION	MARSPOT 20414415 /EYLE S	/DUPLICATE LANDING	LAST SNAP	369250
073473	CLCK	REQUEST @	P63DISPS		T1=27123	SECONDS RUNNING	369250.117131	2248
073476	CLCK	REQUEST @	ENDLLJCB		T1=27124	SECONDS RUNNING	369250.121999	2586
063073	CLCK	REQUEST @	LRLT		T1=27217	SECONDS RUNNING	369250.718592	3581

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMJ, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	LGX	THPUST	RCS	APOLU
LANDING	(STABLE MEMBER METRIC UNITS)	COORDS)	FORVEL	LONG	PITCH	BALL-P	CDUY	GRATE	ATT-Y	DPPY	DGY	DELTA V	RCS	DPS	PER ILU
			ALTRATE	ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	DGZ	MASS	APS		
369250.7	1710911	3290.0	-0.52	-176.4	1.11	-1.37	358.66	-1.83	-0.00	-0.43	-104	0	9779	528.9	7.68
102:34:11	6521	-1.0	-0.05	5165.1	35.98	178.80	110.93	1.00.97	-0.00	-0.00	-11	0	406	1633.8	-103.75
LANDING	-369165	1535.7	-2.94	-7.3	46710	-1.61	1.82	-1.34	-0.01	-0.1	-589	0	32032	5189	

107441	CLCK	REQUEST @	REARACCS		T1=27224	SECONDS RUNNING	369250.761248	7221
076206	CLCK	REQUEST @	SERVICER		T1=27225	SECONDS RUNNING	369250.776393	8564
063150	CLCK	REQUEST @	KACAREAD		T1=27231	SECONDS RUNNING	369250.814390	1799
006071	CLCK	REQUEST @	MUNGRAV		T1=27240	SECONDS RUNNING	369250.885590	7831
006071	CLCK	REQUEST @	MUNGRAV		T1=27253	SECONDS RUNNING	369250.99586	6791

DISPLAYS = 63 06 63 +51723 -09065 +46724 369251.010017

073121	CLCK	REQUEST @	QUADGUID		T1=27360	SECONDS RUNNING	369251.522595	2189
072216	CLCK	REQUEST @	THROTTLE		T1=27374	SECONDS RUNNING	369251.804323	6230
006071	CLCK	REQUEST @	FINDCDLW		T1=27375	SECONDS RUNNING	369251.814193	7063
073473	CLCK	REQUEST @	P63DISPS		T1=27434	SECONDS RUNNING	369252.123175	3439
073476	CLCK	REQUEST @	ENDLLJCB		T1=27437	SECONDS RUNNING	369252.158522	6455
063073	CLCK	REQUEST @	LRLT		T1=27527	SECONDS RUNNING	369252.718592	4247

369252.7	1711565	324.9	-0.51	-177.1	1.11	-1.36	358.67	-1.84	-0.00	-0.43	-102	0	9780	528.9	7.68
102:34:13	6519	-1.2	-0.05	5145.4	35.88	178.65	110.68	1.00.71	-0.14	-0.21	-11	0	426	1627.3	-213.79
LANDING	-366058	1530.5	-2.95	-7.9	46694	-1.62	1.84	-1.31	-0.01	-0.1	-590	0	31967	5189	

107441	CLCK	REQUEST @	REARACCS		T1=27534	SECONDS RUNNING	369252.761234	7886
076206	CLCK	REQUEST @	SERVICER		T1=27535	SECONDS RUNNING	369252.776345	9150
063150	CLCK	REQUEST @	KACAREAD		T1=27541	SECONDS RUNNING	369252.814390	2468
006071	CLCK	REQUEST @	MUNGRAV		T1=27550	SECONDS RUNNING	369252.884615	8415
006071	CLCK	REQUEST @	MUNGRAV		T1=27563	SECONDS RUNNING	369252.99586	7458



063150	CLCCK REQUEST @ ADAREAD	T1=27541	SECONDS RUNNING	369252.884615	2468
006071	CLCCK REQUEST @ MUNGRAV	T1=27550	SECONDS RUNNING	369252.884615	8415
006071	CLCCK REQUEST @ MUNGRAV	T1=27553	SECONDS RUNNING	369252.89561	7459

LMY99 AGC QDI NASA 2021112-061 NEW SIMULATION MARSROT 20414415 /PYLES IPPADAR 2. ENVCNTR 7/27/69 14:43 PACE 169  
/DUPLICATE LANDING LAST SNAP 369250

DISPLAYS =	63	06	63	+51527	-00070	+46711												369252.890017
073121	CLCCK REQUEST @ QUADGUID	T1=27653	SECONDS RUNNING	369253.559453	6091													
072216	CLCCK REQUEST @ THROTTLE	T1=27764	SECONDS RUNNING	369253.819440	7333													
006071	CLCCK REQUEST @ FINDCDUW	T1=27765	SECONDS RUNNING	369253.819215	8157													
073473	CLCCK REQUEST @ P63DISPS	T1=27767	SECONDS RUNNING	369254.159317	7134													
073476	CLCCK REQUEST @ ENCLLJCB	T1=27751	SECONDS RUNNING	369254.172284	7442													
063073	CLCCK REQUEST @ LRALT	T1=30037	SECONDS RUNNING	369254.718592	4914													

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	P	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPX	DCX	THRUST	RCS	APGLU
LANDING	(STABLE MEMBER METRIC UNITS)	(COORDS)	(FORVEL ALTRATE)	LONG ALT	PITCH RCLL	BALL-P BALL-Y	CDUX CDUZ	PRATE PRATF	ATT-Y ATT-Z	DPY DPPZ	DGY DGZ	DELTA V MASS	DPS APS	PERILU	
369254.7	1712211	320.7	-0.49	-177.8	1.10	-1.34	358.70	-1.85	-0.00	-0.43	-10.00		9781	526.9	7.68
102:34:15	6517	-1.3	-0.05	5125.7	35.78	178.49	100.41	100.45	-0.14	0.11	-10.00		445	1520.9	-213.7
LANDING	-363042	1525.2	-2.96	-8.4	46678	-1.63	1.85	-1.29	0.02	0.00	-5.92		3190.3	51.80	

107441	CLCCK REQUEST @ READACCS	T1=30044	SECONDS RUNNING	369254.761234	8553
076206	CLCCK REQUEST @ SERVICEK	T1=30045	SECONDS RUNNING	369254.775771	9793
063150	CLCCK REQUEST @ PADAREAD	T1=30051	SECONDS RUNNING	369254.814917	3132
006071	CLCCK REQUEST @ MUNGRAV	T1=30060	SECONDS RUNNING	369254.882474	8899
006071	CLCCK REQUEST @ MUNGRAV	T1=30073	SECONDS RUNNING	369254.999436	8111

DISPLAYS = 63 06 63 +51331 -00075 +46696 369255.000003

073121	CLCCK REQUEST @ QUADGUID	T1=30060	SECONDS RUNNING	369255.523646	3612
072216	CLCCK REQUEST @ THPTTLE	T1=30214	SECONDS RUNNING	369255.806861	7780
006071	CLCCK REQUEST @ FINDCDUW	T1=30215	SECONDS RUNNING	369255.816633	8414
073473	CLCCK REQUEST @ P63DISPS	T1=30254	SECONDS RUNNING	369256.121297	4612
073476	CLCCK REQUEST @ ENCLLJCB	T1=30254	SECONDS RUNNING	369256.124303	4868
063073	CLCCK REQUEST @ LRALT	T1=30347	SECONDS RUNNING	369256.718592	5581

369256.7	1712848	316.6	-0.48	-178.5	1.10	-1.32	358.73	-1.86	-0.00	-0.43	-97.00		9781	526.9	7.68
102:34:17	6516	-1.4	-0.05	516.0	35.67	178.31	100.13	100.17	-0.14	0.10	-11.00		445	1514.5	-223.47
LANDING	-359556	1519.9	-2.97	-9.0	46660	-1.65	1.86	-1.26	0.02	0.00	-5.93		3182.8	51.80	

LMY99	AGC	001	NASA 2021112-061	NEW SIMULATION	MARSROT 20414415 /EYLF5	LRRADAP2.ENVNTFL /7/23/69 14:43	PAGE 170
							/DUPLICATE LANDING LAST SNAP 369250
076206	CLCCK	REQUEST	@	SERVICER	T1=30355	SECONDS RUNNING	369256.776951 .561
063150	CLCCK	REQUEST	@	RADAREAD	T1=30361	SECONDS RUNNING	369256.814899 3798
006071	CLCCK	REQUEST	@	MUNGRAV	T1=30370	SECONDS RUNNING	369256.886116 9868
006071	CLCCK	REQUEST	@	MUNGRAV	T1=30413	SECONDS RUNNING	369256.991465 8866
DISPLAYS =	63	06	63	+51134	-00081	+46680	369256.000031
073121	CLCCK	REQUEST	@	QUADGUID	T1=30470	SECONDS RUNNING	369257.523778 4290
072216	CLCCK	REQUEST	@	THRITTLE	T1=30524	SECONDS RUNNING	369257.805126 8298
006071	CLCCK	REQUEST	@	FINDCCDW	T1=30525	SECONDS RUNNING	369257.814913 9133
073473	CLCCK	REQUEST	@	P63DISPS	T1=30564	SECONDS RUNNING	369258.123119 5433
073476	CLCCK	REQUEST	@	ENDLLJCB	T1=30567	SECONDS RUNNING	369258.159142 8578
063073	CLCCK	REQUEST	@	LRLAT	T1=30657	SECONDS RUNNING	369258.718592 6247

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPY	CGX	THRUST	KFS	APDU
LANDING	(STABLE MEMBER COCRDS)	METRIC	UNITS	FOFVEL ALTRATE	LCNG ALT	PITCH RCLL	BALL-P BALL-Y	CDUY CDUZ	GRATE RRATE	ATT-Y ATT-Z	DPY DPZ	CGY CGZ	DELTA V MASS	OPS APS	PEPILU
369258.7	1713478	312.5	- 0.46	- 179.3	1.10	- 1.34	258.72	- 1.87	- 0.00	- 0.43	- 94	0	9782	528.9	7.68
102:34:19	6513	- 1.5	- 0.15	5086.2	35.57	178.05	99.78	99.82	- 0.18	0.21	- 10	0	485	16180	-233.11
LANDING	- 356961	1514.6	- 2.98	- 9.6	46642	- 1.66	1.87	- 1.28	- 0.04	0.11	- 596	0	31774	5189	

107441	CLOCK	REQUEST	@	READACCS	T1=30664	SECONDS RUNNING	369258.761217 9885
076206	CLCCK	REQUEST	@	SERVICER	T1=30665	SECONDS RUNNING	369258.776124 1157
063150	CLCCK	REQUEST	@	RADAREAD	T1=30671	SECONDS RUNNING	369258.814873 4463
006071	CLCCK	REQUEST	@	MUNGRAV	T1=30700	SECONDS RUNNING	369258.885230 3467
006071	CLCCK	REQUEST	@	MUNGRAV	T1=30713	SECONDS RUNNING	369259.990520 9453
DISPLAYS =	63	06	63	+50937	-00086	+46664	369256.000000
073121	CLCCK	REQUEST	@	QUADGUID	T1=31003	SECONDS RUNNING	369259.559541 8078
072216	CLCCK	REQUEST	@	THRITTLE	T1=31035	SECONDS RUNNING	369259.810564 9429
006071	CLCCK	REQUEST	@	FINDCCDW	T1=31036	SECONDS RUNNING	369259.821668 3377
073473	CLCCK	REQUEST	@	P63DISPS	T1=31077	SECONDS RUNNING	369259.158818 9146
073476	CLCCK	REQUEST	@	ENDLLJCB	T1=31110	SECONDS RUNNING	369259.162775 9484
063073	CLCCK	REQUEST	@	LRLAT	T1=31167	SECONDS RUNNING	369259.718592 6914

LMY99 ACC 001 NASA 2021112-061 NEW SIMULATION MARSFOT 20414415 /EYLES LPRADAR2,EMVCTRL #727/69 14:43 PAGE 171  
/DUPLICATE LANDING LAST SNAP 369250

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LPS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	DGX	THRUST	%CS	APOLU	
LANDING	(STABLE MEMBER COORDS)	FCRVEL	FCRVEL	FCRVEL	LCNG	PITCH	BALL-P	CDUY	QRATE	ATT-Y	DPRY	DGY	DELTA V	DPS	REFILU	
	METRIC UNITS			ALTRATF	ALT	ROLL	BALL-Y	CDUZ	RPATE	ATT-Z	DPPZ	DGZ	MASS	ARS		
369260.7	1714799	308.5	- 0.45	- 180.1	1.10	- 1.37	358.69	- 1.88	- 0.00	- 0.43	- 91	0	97.2	528.9	7.67	
102:34:21	6511	- 1.6	- 0.15	506.3	35.47	177.82	99.44	99.48	- 0.17	0.10	- 11	0	505	16.16	-242.61	
LANDING	- 353936	1509.3	- 2.99	- 19.1	46622	- 1.67	1.88	- 1.30	0.00	0.00	- 597	0	317.9	51.89		
107441	CLCCK REQUEST @ READACCS									T1=31174	SECONDS RUNNING		369267.61274		1556	
076206	CLCCK REQUEST @ SERVICER									T1=31175	SECONDS RUNNING		369267.775674		1785	
063150	CLCCK REQUEST @ RADAREAD									T1=31200	SECONDS RUNNING		369267.814961		5129	
006071	CLCCK REQUEST @ MUNGRAV									T1=31210	SECONDS RUNNING		369267.882034		1861	
006071	CLCCK REQUEST @ MUNGRAV									T1=31222	SECONDS RUNNING		369267.989213		5007	
DISPLAYS =	63	06	03		+50740	-00392	+46646									369267.000016
073121	CLCCK REQUEST @ QUACGUID									T1=31310	SECONDS RUNNING		369267.523276		5580	
072216	CLCCK REQUEST @ THRDTLE									T1=31344	SECONDS RUNNING		369267.805321		9648	
006071	CLCCK REQUEST @ FINDCDUW									T1=31345	SECONDS RUNNING		369267.815194		4482	
073473	CLCCK REQUEST @ P63DISPS									T1=31413	SECONDS RUNNING		369267.118189		6338	
073476	CLCCK REQUEST @ ENCLLJOB									T1=31404	SECONDS RUNNING		369267.122156		6675	
063073	CLCCK REQUEST @ LRLAT									T1=31477	SECONDS RUNNING		369267.718592		7581	
369262.7	1714712	304.4	- 0.43	- 180.8	1.10	- 1.33	358.74	- 1.90	- 0.00	- 0.43	- 88	0	97.3	528.9	7.67	
102:34:23	6509	- 1.8	- 0.15	514.5	35.37	177.62	99.14	99.18	- 0.15	0.00	- 11	0	525	15.51	-251.99	
LANDING	- 350922	1504.0	- 2.99	- 19.7	46601	- 1.68	1.89	- 1.26	0.00	0.00	- 599	0	316.6	51.89		
107441	CLCCK REQUEST @ READACCS									T1=31504	SECONDS RUNNING		369267.761210		1218	
076206	CLCCK REQUEST @ SERVICER									T1=31505	SECONDS RUNNING		369267.776592		2530	
063150	CLCCK REQUEST @ RADAREAD									T1=31511	SECONDS RUNNING		369267.819141		6161	
006071	CLCCK REQUEST @ MUNGRAV									T1=31523	SECONDS RUNNING		369267.8014301		4324	
DISPLAYS =	63	06	03		+51542	-00097	+46627									369267.000013
006071	CLCCK REQUEST @ MUNGRAV									T1=31543	SECONDS RUNNING		369267.172036		7741	
073121	CLCCK REQUEST @ QUACGUID									T1=31627	SECONDS RUNNING		369267.0599497		2768	

072216

CLCK REQUEST @ THRUSTLE

T1=31663

SECONDS RUNNING

369263.876267

6369

LMY99 AGC 001 NASA 2021112-061 NEW SIMULATION MARSROT 21414415 /FYLES LRRADAR2.ENVCNTPL 07/23/69 14:43 PAGE 172  
/DUPLICATE LANDING LAST SNAP 369259

006071	CLCK REQUEST @ FINDCDUW	T1=31664	SECONDS RUNNING	369263.887359	7315
073473	CLCK REQUEST @ P63DISPS	T1=31723	SECONDS RUNNING	369264.195790	3635
073476	CLCK REQUEST @ ENDLLJOB	T1=31723	SECONDS RUNNING	369264.198796	3891
063073	CLCK REQUEST @ LRLALT	T1=32007	SECONDS RUNNING	369264.718592	8247

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PPATE	ATT-X	DPPY	DGX	THRUST	RCS	APOLU
LANDING	(STABLE MEMBER METRIC UNITS)	COORDS)	FORVEL	LONG	PITCH	BALL-P	CDUY	QRATE	ATT-Y	DPPZ	DGY	DELTA V	DPS	PERILU	
			ALT RATE	ALT	ROLL	BALL-Y	CDUZ	R RATE	ATT-Z	DPPZ	DGZ	MASS	APS		
369264.7	1715315	300.4	0.41	-181.5	1.09	1.31	358.76	-1.91	0.00	0.43	84	2	5782	528.9	7.67
102:34:25	6497	-1.9	0.15	5126.6	35.27	177.35	98.77	98.81	0.21	0.10	1	2	544	15887	-261.25
LANDING	-347928	1498.6	3.00	11.2	46575	1.70	1.90	1.23	0.00	0.00	600	3	31580	5180	
107441	CLCK REQUEST @ READACCS	T1=32014	SECONDS RUNNING	369264.761219	1335										
076206	CLCK REQUEST @ SERVICER	T1=32015	SECONDS RUNNING	369264.775711	3121										
063150	CLCK REQUEST @ RADAREAD	T1=32021	SECONDS RUNNING	369264.814858	6462										
006071	CLCK REQUEST @ MUNGRAV	T1=32030	SECONDS RUNNING	369264.884171	2377										
006071	CLCK REQUEST @ MUNGRAV	T1=32142	SECONDS RUNNING	369264.989532	1368										
DISPLAYS =	63	06	63	+51344	-01103	+4661.7									369265.000019

073121	CLCK REQUEST @ QUADGUID	T1=32134	SECONDS RUNNING	369265.561439	0170
072216	CLCK REQUEST @ THRUSTLE	T1=32164	SECONDS RUNNING	369265.869718	1357
006071	CLCK REQUEST @ FINDCDUW	T1=32165	SECONDS RUNNING	369265.819492	2191
073473	CLCK REQUEST @ P63DISPS	T1=32224	SECONDS RUNNING	369266.124854	8248
073476	CLCK REQUEST @ ENDLLJOB	T1=32227	SECONDS RUNNING	369266.159328	1233
063073	CLCK REQUEST @ LRLALT	T1=32317	SECONDS RUNNING	369266.718592	8914

369266.7	1715912	256.5	0.40	-182.0	1.09	1.34	358.74	-1.92	0.00	0.43	82	1	9784	428.9	7.66
102:34:27	6487	-2.0	0.15	5106.7	35.17	177.22	98.54	98.58	0.18	0.00	10	1	564	15822	-270.38
LANDING	-344936	1493.2	3.01	11.7	46556	1.71	1.91	1.25	0.11	0.00	612	0	31516	5180	

107441	CLCK REQUEST @ READACCS	T1=32324	SECONDS RUNNING	369266.761233	2553
076206	CLCK REQUEST @ SERVICER	T1=32325	SECONDS RUNNING	369266.775712	3763
063150	CLCK REQUEST @ RADAREAD	T1=32331	SECONDS RUNNING	369266.814858	7131
006071	CLCK REQUEST @ MUNGRAV	T1=32340	SECONDS RUNNING	369266.88196	2855

006071	CLCCK REQUEST @ MUNGRAV	T1=32352	SECONDS RUNNING	369266.989738	2152
DISPLAYS =	63 06 63 +50145 -00108 +46566				369267.000019
073121	CLCCK REQUEST @ QUADGUID	T1=32440	SECONDS RUNNING	369267.524120	7644
072216	CLCCK REQUEST @ THROTTLE	T1=32474	SECONDS RUNNING	369267.806169	1721
006071	CLCCK REQUEST @ FINDCDUW	T1=32475	SECONDS RUNNING	369267.815935	2554
073473	CLCCK REQUEST @ P63DISPS	T1=32534	SECONDS RUNNING	369268.121435	8623
073476	CLCCK REQUEST @ ENCLLJCB	T1=32534	SECONDS RUNNING	369268.124441	8880
063073	CLCCK REQUEST @ LRLAT	T1=32627	SECONDS RUNNING	369268.718592	0581

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUY	PPATE	ATT-X	DPFX	DCY	THRUST	RCS	APOLU
LANDING	(STABLE MEMBER COORDS)	FCPVEL		ALTRATE	LCNG	PITCH	BALL-P	CDUZ	CPATE	ATT-Y	DPY	DCY	DELTA V	OPS	PER ILU
	METRIC UNITS				ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	DGZ	MASS	APS	
369268.7	1716592	292.5	- 0.39	- 182.6	1.09	- 1.36	358.72	- 1.93	- 0.00	- 0.43	- 79		9785	528.9	7.66
102:34:29	6483	- 2.1	- 0.85	4936.7	35.07	177.19	98.31	98.34	- 0.14	- 0.00	- 11		5.4	15758	-270.39
LANDING	- 341954	1487.8	- 3.02	- 12.3	46532	- 1.72	1.92	- 1.27	0.01	0.11	- 614		314.1	51.58	

107441	CLCCK REQUEST @ REACACCS	T1=32634	SECONDS RUNNING	369268.761233	3219
076206	CLCCK REQUEST @ SERVICER	T1=32635	SECONDS RUNNING	369268.777141	4577
063150	CLCCK REQUEST @ RADAPFAD	T1=32641	SECONDS RUNNING	369268.814858	7705
006071	CLCCK REQUEST @ MUNGRAV	T1=32650	SECONDS RUNNING	369268.886105	3375
006071	CLCCK REQUEST @ MUNGRAV	T1=32663	SECONDS RUNNING	369268.991261	2849
DISPLAYS =	63 06 63 +49947 -00114 +46564				369269.0001074
073121	CLOCK PEQUEST @ QUADGUID	T1=32750	SECONDS RUNNING	369269.524334	8337
072216	CLCCK REQUEST @ THROTTLE	T1=33004	SECONDS RUNNING	369269.806654	2429
006071	CLCCK REQUEST @ FINDCDUW	T1=33105	SECONDS RUNNING	369269.816431	3263
073473	CLCCK REQUEST @ P63DISPS	T1=33144	SECONDS RUNNING	369271.0124665	9566
073476	CLCCK REQUEST @ ENCLLJCB	T1=33050	SECONDS RUNNING	369271.161984	2665
063073	CLCCK PEQUEST @ LRLAT	T1=33137	SECONDS RUNNING	369271.718592	0247

102:34:31 6481 - 202 - 0.045607 34097 176088 9800 9804 - 0.17 - 0.00 - 1.00 104 15400 -288.28  
 LANDING - 338583 148204 - 3003 - 1208 46507 - 1073 1094 - 1026 0001 0000 - 604 31207 5189

LMY99	AGC	001	NASA 2021112-01 NEW SIMULATION	MAKSPOT 20414415 /EYLES	LRRADAR2, ENVCNTEL 07/23/69 14:43	RAGE 174
						/DUPLICATE LANDING LAST SNAR 369250
107441			CLCCK REQUEST @ REACACCS	T1=33144	SECONDS RUNNING	369270.761219 3885
076206			CLCCK REQUEST @ SERVICER	T1=33145	SECONDS RUNNING	369270.775659 5117
063150			CLCCK REQUEST @ RADAREAD	T1=33151	SECONDS RUNNING	369270.814858 8462
006071			CLCCK REQUEST @ MUNGRAV	T1=33160	SECONDS RUNNING	369270.884636 4417
006071			CLCCK REQUEST @ MUNGRAV	T1=33172	SECONDS RUNNING	369270.909040 2357
DISPLAYS =	63	06	63	+45747 -00119 +46541		369270.900019
073121			CLCCK REQUEST @ QUADGUID	T1=33260	SECONDS RUNNING	369271.0524493 9118
072216			CLCCK REQUEST @ THROTTLE	T1=33314	SECONDS RUNNING	369271.0806128 3143
006071			CLCCK REQUEST @ FINDCROW	T1=33315	SECONDS RUNNING	369271.0815815 3877
073473			CLCCK REQUEST @ R03DISPS	T1=33354	SECONDS RUNNING	369272.022263 0127
073476			CLCCK REQUEST @ ENDLLJCB	T1=33357	SECONDS RUNNING	369272.0157360 3022
063073			CLCCK REQUEST @ LRALT	T1=33447	SECONDS RUNNING	369272.0718502 0914

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUY	PRATE	ATT-X	DPRY	DCX	THPUST	PCS	APOLU
LANDING	(STABLE MEMBER METRIC	COORDS	FORVEL	ALTRATE	LONG	RITCH	BALL-P	CDUY	ORATE	ATT-Y	DRRY	DGY	DELTA V	DRS	REFILU
	UNITS				ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPRZ	DG7	MASS	APS	
369272.7	1717656	284.7	0.37	183.7	1009	1032	258.77	1095	0.00	10.54	74		9796	52804	7.65
102:34:33	6476	203	0.05	4946.7	34087	176076	57078	97082	0.10	10.00	10		124	15629	-2970.15
LANDING	- 336123	147609	3003	1304	46480	1074	1094	1023	0.01	0.00	607		21223	5189	

107441			CLCCK REQUEST @ REACACCS	T1=33454	SECONDS RUNNING	369272.0761246 4554
076206			CLCCK REQUEST @ SERVICER	T1=33455	SECONDS RUNNING	369272.0775878 5803
063150			CLCCK REQUEST @ RADAREAD	T1=33461	SECONDS RUNNING	369272.0814886 9131
006071			CLCCK REQUEST @ MUNGRAV	T1=33470	SECONDS RUNNING	369272.0882152 4871
006071			CLCCK REQUEST @ MUNGRAV	T1=33502	SECONDS RUNNING	369272.0989175 2004
DISPLAYS =	63	06	63	+45547 -00125 +46516		369273.000019
073121			CLCCK REQUEST @ QUADGUID	T1=33570	SECONDS RUNNING	369273.0522650 9527
072216			CLCCK REQUEST @ THROTTLE	T1=33624	SECONDS RUNNING	369273.0804721 3597
006071			CLCCK REQUEST @ FINDCROW	T1=33625	SECONDS RUNNING	369273.0814495 4431
073473			CLCCK REQUEST @ R03DISPS	T1=33663	SECONDS RUNNING	369274.0118473 0371
073476			CLCCK REQUEST @ ENDLLJCB	T1=33664	SECONDS RUNNING	369274.0122440 709

7547318

073476 CLCK REQUEST @ ENDLLJCR T1=33664 SECONDS RUNNING 369276.12244 709

LMY99 AGC 001 NASA 2021112-061 NEW SIMULATION MAKSROT 20414415 /EYLES LRPADAR2.FMVCNPL 7/23/69 14:43 PAGE 175  
/DUPLICATE LANDING LAST SNAP 369250

063073 CLCK REQUEST @ LRALT T1=33757 SECONDS RUNNING 369276.718592 1591

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	DCX	THRUST	RCS	APDLU
LANDING	(STABE MEMBER METRIC UNITS)	COORDS)	FORVEL	LONG	PITCH	ROLL	BALL-P	CDUY	GRATE	ATT-Y	DPPY	DGY	DLTAV	DPS	PERILU
			ALTRATE	ALT	ROLL	BALL-Y	CDUZ	RRATE	RRATE	ATT-Z	DPPZ	DGZ	MASS	APS	
369276.7	1718222	280.8	- 0.35	- 184.3	1.08	- 1.32	358.77	- 1.96	- 0.00	- 0.54	- 71	0	9786	528.9	7.65
102:34:35	6472	- 2.5	- 0.75	4926.6	34.77	176.52	37.44	97.48	- 0.20	0.10	- 10		444	15664	-305.71
LANDING	- 333074	1471.4	- 3.15	- 14.0	46453	- 1.75	1.96	- 1.21	- 0.04	0.00	- 609		31258	5189	

107441 CLCK REQUEST @ READACCS T1=33764 SECONDS RUNNING 369276.761231 5219

076206 CLCK REQUEST @ SERVICER T1=33765 SECONDS RUNNING 369276.777276 6588

063150 CLCK REQUEST @ RACAREAD T1=33771 SECONDS RUNNING 369276.814878 9797

006071 CLCK REQUEST @ MUNGRAV T1=34113 SECONDS RUNNING 369276.991812 4996

DISPLAYS = 63 06 63 +49349 -01130 +4649 369276.122020

073121 CLCK REQUEST @ QJADGUID T1=34130 SECONDS RUNNING 369276.524482 4350

072216 CLCK REQUEST @ THROTTLE T1=34134 SECONDS RUNNING 369276.805738 4351

006071 CLCK REQUEST @ FINCCDUW T1=34135 SECONDS RUNNING 369276.815514 5185

073473 CLCK REQUEST @ P63DTSPS T1=34174 SECONDS RUNNING 369276.129110 1416

073476 CLCK REQUEST @ ENDLLJCR T1=34177 SECONDS RUNNING 369276.197622 4378

063073 CLCK REQUEST @ LRALT T1=34267 SECONDS RUNNING 369276.718592 2247

369276.7	1718780	277.0	- 0.34	- 184.6	1.08	- 1.31	358.79	- 1.97	- 0.00	- 0.54	- 68		9787	528.9	7.65
102:34:37	6468	- 2.5	- 0.75	4926.5	34.67	176.37	37.2	97.23	- 0.18	- 0.30	- 10		444	15660	-314.26
LANDING	- 330136	1465.9	- 3.05	- 14.6	46424	- 1.76	1.97	- 1.20	- 0.01	0.00	- 611		31194	5189	

107441 CLCK REQUEST @ READACCS T1=34274 SECONDS RUNNING 369276.761231 5886

076206 CLCK REQUEST @ SERVICER T1=34275 SECONDS RUNNING 369276.775437 7198

063150 CLCK REQUEST @ RACAREAD T1=34301 SECONDS RUNNING 369276.814868 9463

006071 CLCK REQUEST @ MUNGRAV T1=34310 SECONDS RUNNING 369276.883957 6359

006071 CLCK REQUEST @ MUNGRAV T1=34322 SECONDS RUNNING 369276.991812 4996

DISPLAYS = 03 06 03 +49147 -07136 +46404 36927700006

073121	CLCK	REQUEST @ QUADGUID	T1=34413	SECONDS RUNNING	369277.567156	3815
LMY99	AGC	DDI NASA 2021112-061 NEW SIMULATION	MARSPOT 20414415 /EYLES	LFKADAR2.FUNCNTPL /DUPLICATE	07/27/69 14:43	PAGE 176 SNAP 369250
072216	CLCK	REQUEST @ THROTTLE	T1=34444	SECONDS RUNNING	369277.817251	5146
006071	CLCK	REQUEST @ FINDCDUW	T1=34445	SECONDS RUNNING	369277.817126	5987
073473	CLCK	REQUEST @ P63DISPS	T1=34504	SECONDS RUNNING	369278.123887	2166
073476	CLCK	REQUEST @ ENCLLJOB	T1=34507	SECONDS RUNNING	369278.159642	5217
063073	CLCK	REQUEST @ LRALT	T1=34577	SECONDS RUNNING	369278.718592	2914

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-P	CDUX	PRATE	ATT-X	DPPX	DGX	THRUST	PCS	APFLU
LANDING	(STABLE	MEMBER	COORDS)	FORVEL	LONG	PITCH	BALL-P	CDUY	GRATE	ATT-Y	DPPY	DGY	DEFLTAV	DPS	PPF ILU
	METRIC	UNITS		ALTRATE	ALT	ROLL	BALL-Y	CDUZ	RATE	ATT-Z	DPPZ	DGZ	MASS	APS	
369278.7	1719331	273.2	- 1.33	- 1.5.4	1.08	- 1.36	358.74	- 1.98	- 0.0	- 0.54	- 66	0	9788	528.9	7.64
102:34:39	6464	- 2.7	- 1.35	4886.3	34.58	176.22	96.95	96.98	- 0.15	- 0.00	- 10	0	685	154.35	-322.69
LANDING	- 327209	146.4	- 3.06	- 15.1	46394	- 1.77	1.98	- 1.25	- 0.11	0.00	- 612	0	31129	5189	

107441	CLCK	REQUEST @ READACCS	T1=34604	SECONDS RUNNING	369278.761231	6553
076206	CLCK	REQUEST @ SERVICER	T1=34605	SECONDS RUNNING	369278.775643	7782
063150	CLCK	REQUEST @ RADAREAD	T1=34611	SECONDS RUNNING	369278.814000	1133
006071	CLCK	REQUEST @ MUNGRAV	T1=34620	SECONDS RUNNING	369278.882323	6886
006071	CLCK	REQUEST @ MUNGRAV	T1=34633	SECONDS RUNNING	369278.900055	6179

DISPLAYS = 03 06 03 +48946 -00142 +46430 36927900001

073121	CLCK	REQUEST @ QUADGUID	T1=34720	SECONDS RUNNING	369279.522748	1535
072216	CLCK	REQUEST @ THROTTLE	T1=34754	SECONDS RUNNING	369279.806541	5752
006071	CLCK	REQUEST @ FINDCDUW	T1=34755	SECONDS RUNNING	369279.816313	6586
073473	CLCK	REQUEST @ P63DISPS	T1=35013	SECONDS RUNNING	369280.119632	2470
073476	CLCK	REQUEST @ ENCLLJOB	T1=35014	SECONDS RUNNING	369280.123599	2808
063073	CLCK	REQUEST @ LRALT	T1=35107	SECONDS RUNNING	369280.718592	2981

TIME	R	V	A	LATVEL	LAT	YAW	BALL-P	CDUX	PRATE	ATT-X	DPPX	DGX	THRUST	PCS	APFLU
LANDING	(STABLE	MEMBER	COORDS)	FORVEL	LONG	PITCH	BALL-P	CDUY	GRATE	ATT-Y	DPPY	DGY	DEFLTAV	DPS	PPF ILU
	METRIC	UNITS		ALTRATE	ALT	ROLL	BALL-Y	CDUZ	RATE	ATT-Z	DPPZ	DGZ	MASS	APS	
369280.7	1719873	269.4	- 0.31	- 1.5.8	1.08	- 1.33	358.78	- 1.98	- 0.00	- 0.54	- 64	0	9788	528.9	7.64
102:34:41	6459	- 2.8	- 1.35	4866.1	34.48	176.08	96.71	96.75	- 0.10	- 0.00	- 11	0	7.5	153.71	-331.02
LANDING	- 324293	145.4	- 3.07	- 15.7	46363	- 1.78	1.99	- 1.20	0.04	0.00	- 614	0	31045	5189	

107441	CLCK	REQUEST @ PEADACCS	T1=35114	SECONDS RUNNING	369280.761272	7223
076206	CLCK	REQUEST @ SERVICER	T1=35115	SECONDS RUNNING	369280.776961	8542
063150	CLCK	REQUEST @ RADAREAD	T1=35121	SECONDS RUNNING	369280.814868	1796





102:34:45

6444 - 301 - 1014 4825.7

34029 175.79

96.23

96.23 96.23 - 0.13 - 0.13

728 15242 -347.35

LMY99 AGC 001 NASA 2021112-061 NEW SIMULATION MARSHOT 20414415 /EYLES LRPADAP2.FMVCN1FL 7/23/69 14:43 PAGE 178  
/DUPLICATE LANDING LAST SNAP 369250

LANDING - 318495 1443.7 - 30.18 - 17.00 46298 - 1.80 2.00 - 1.13 0.12 0.00 - 617 0 3 925 5180

107441 CLCCK REQUEST @ READACCS T1=35734 SECONDS RUNNING 369284.761231 8552

076206 CLCCK REQUEST @ SERVICER T1=35735 SECONDS RUNNING 369284.775834 9799

063150 CLCCK REQUEST @ RADARFAD T1=35741 SECONDS RUNNING 369284.814894 3132

006071 CLCCK REQUEST @ MUNGRAV T1=35750 SECONDS RUNNING 369284.882350 8888

006071 CLCCK REQUEST @ MUNGRAV T1=35762 SECONDS RUNNING 369284.989766 8954

DISPLAYS = 03 06 63 +48342 -00160 +46346 369285.100005

073121 CLCCK REQUEST @ QUADGUID T1=36050 SECONDS RUNNING 369285.524162 3648

072216 CLCCK REQUEST @ THROTTLE T1=3614 SECONDS RUNNING 369285.808163 7801

006071 CLCCK REQUEST @ FINDCDBW T1=36115 SECONDS RUNNING 369285.817937 8725

073473 CLCCK REQUEST @ P63DISPS T1=36144 SECONDS RUNNING 369285.123356 4787

073476 CLCCK REQUEST @ ENDLJCB T1=36150 SECONDS RUNNING 369286.164353 8286

063073 CLCCK REQUEST @ LRLAT T1=36237 SECONDS RUNNING 369286.718591 5581

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	DGX	THRUST	CS	APRU
LANDING	(STABLE MEMBER METRIC	MEMBER COORDS)	COORDS)	FORVEL	LONG	PITCH	BALL-P	CDUY	OPATE	ATT-Y	DPPY	DCY	DELTA V	DPS	PERFILU
	UNITS			ALTRATE	ALT	RCLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	DCZ	MASS	APS	
369286.7	1721457	25804	- 0027 - 187.01	34019	1.027	358.86	- 2.12 - 0.10	95.92	95.96 - 0.10	0.54 - 56	0	0	970	52009	7062
102:34:47	6444	301	- 1004 4805.4	34019	175.57	95.92	95.96 - 0.10	0.10	0.10 - 0	0.10 - 0	0	0	765	15177	-355.36
LANDING	- 315613	1438.1	- 30.09 - 17.06	46263	- 1.81	2.01	- 1.14 - 0.11	0.00	0.00 - 619	0.00 - 619	0	0	30871	5180	

107441 CLCCK REQUEST @ READACCS T1=36244 SECONDS RUNNING 369286.761229 9210

076206 CLCCK REQUEST @ SERVICER T1=36245 SECONDS RUNNING 369286.777210 9584

063150 CLCCK REQUEST @ RADARFAD T1=36251 SECONDS RUNNING 369286.814891 3708

006071 CLCCK REQUEST @ MUNGRAV T1=36260 SECONDS RUNNING 369286.882350 9861

006071 CLCCK REQUEST @ MUNGRAV T1=36273 SECONDS RUNNING 369286.991911 8954

DISPLAYS = 63 06 63 +48140 -00166 +46313 369287.100063

073121 CLCCK REQUEST @ QUADGUID T1=36363 SECONDS RUNNING 369287.524162 3648

072216 CLCCK REQUEST @ THROTTLE T1=36414 SECONDS RUNNING 369287.808163 7801

006071 CLCCK REQUEST @ FINDCDBW T1=36415 SECONDS RUNNING 369287.817937 8725

LMY99 AGC J01 NASA 2021112- 61 NEW SIMULATION MARSHUT 20414415 /FYLES LRRAPAP 00 ENVCTPL 7/23/00 14:43 PACD 179  
/DUPLICATE LANDING LAST SNAP 369250

073473 CLCCK REQUEST @ P63DISPS T1=36457 SECONDS RUNNING 369289.15963 8492  
073476 CLCCK REQUEST @ ENDLLJCB T1=36460 SECONDS RUNNING 369289.162929 8831  
063073 CLCCK REQUEST @ LRLAT T1=36547 SECONDS RUNNING 369289.718591 6247

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	DGX	THPST	RCS	APOLU
LANDING	(STABLE	MEMBER	COORDS)	FCRVFL	LENG	PITCH	BALL-P	CDUY	QRATE	ATT-Y	DPPY	DGY	DELTA	DPS	PERILU
	METRIC	UNITS		ALTRATE	ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	DGZ	MASS	APS	
369288.7	1721969	254.5	- 0.26	- 187.5	1.07	- 1.25	358.88	- 2.03	- 0.0	- 0.54	- 53		9791	528.9	7.62
102:34:45	6438	- 3.2	- 0.04	4785.0	34.09	175.37	95.62	95.65	- 0.12	- 0.00	- 1		785	15113	-363.27
LANDING	- 312741	1432.5	- 3.10	- 18.3	46227	- 1.83	2.02	- 1.12	0.03	- 0.00	- 620		30765	5189	

107441 CLCCK REQUEST @ READACCS T1=36554 SECONDS PUNNING 369288.761243 9897  
076206 CLCCK REQUEST @ SEPVICER T1=36555 SECONDS PUNNING 369288.775847 1133  
063150 CLCCK REQUEST @ RADAREAD T1=36561 SECONDS RUNNING 369288.814891 4465  
006071 CLCCK REQUEST @ MUNGRAV T1=36570 SECONDS RUNNING 369288.884704 0422  
006071 CLCCK REQUEST @ MUNGRAV T1=36613 SECONDS RUNNING 369288.990116 9439

DISPLAYS = 63 06 63 +47937 -00172 +46280 369289.00022

072121 CLCCK REQUEST @ QUADGUID T1=36673 SECONDS PUNNING 369290.559437 9000  
072216 CLCCK REQUEST @ THROTTLE T1=36724 SECONDS PUNNING 369289.819177 9312  
006071 CLCCK REQUEST @ FINDCDUW T1=36725 SECONDS PUNNING 369289.818849 0136  
073473 CLCCK REQUEST @ P63DISPS T1=36767 SECONDS PUNNING 369290.158172 9783  
073476 CLCCK REQUEST @ ENDLLJCB T1=36770 SECONDS PUNNING 369290.162040 9422  
063073 CLCCK REQUEST @ LRLAT T1=37057 SECONDS RUNNING 369290.718591 6914

369290.7	1722475	250.8	- 0.25	- 187.8	1.07	- 1.21	358.92	- 2.04	- 0.00	- 0.54	- 50		9791	528.9	7.61
102:34:51	6433	- 3.3	- 0.04	4764.7	34.00	175.23	95.39	95.42	- 0.14	- 0.00	- 8		805	15048	-371.08
LANDING	- 305881	1426.8	- 3.11	- 18.5	46190	- 1.83	2.03	- 1.07	- 0.01	- 0.00	- 622		30742	5189	

107441 CLCCK REQUEST @ READACCS T1=37064 SECONDS PUNNING 369290.761216 9551  
076206 CLCCK REQUEST @ SERVICER T1=37065 SECONDS PUNNING 369290.776258 1135  
063150 CLCCK REQUEST @ RADAREAD T1=37071 SECONDS PUNNING 369290.814878 5130  
006071 CLCCK REQUEST @ MUNGRAV T1=37117 SECONDS PUNNING 369290.837116 9511

006071 CLCCK REQUEST @ MUNGRAV T1=37113 SECONDS RUNNING 3692910991991 0159

LMY99 AGC 001 NASA 2021112-061 NEW SIMULATION MARSROT 20414415 /EYLES LRPADAR2.FUNCNTPL 7/27/69 14:43 PAGE 180  
/DUPLICATE LANDING LAST SNAP 369250

DISPLAYS = 63 06 63 +47734 -00179 +46244 369291000035

073121 CLCCK REQUEST @ QUADGUID T1=37200 SECONDS RUNNING 3692910524845 5714  
072216 CLCCK REQUEST @ THROTTLE T1=37234 SECONDS RUNNING 3692910808221 9896  
006071 CLCCK REQUEST @ FINDCDUW T1=37235 SECONDS RUNNING 3692910817997 6720  
073473 CLCCK REQUEST @ P6DISPS T1=37274 SECONDS RUNNING 3692920122387 6715  
073476 CLCCK REQUEST @ ENDLJCB T1=37300 SECONDS RUNNING 3692920162354 0115  
063073 CLCCK REQUEST @ LRALT T1=37367 SECONDS RUNNING 3692920718591 7581

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPX	DX	THRUST	RCS	APDU
LANDING	(STABLE MEMBER METRIC UNITS)	COORDS)	FORVEL	LAT	LONG	PITCH	BALL-P	CDUZ	PRATE	ATT-Y	DPY	DCY	DFLTAV	DRS	PERILU
			ALTRATE	ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPZ	DCZ	MASS	APS		
369292.7	1722573	247.2	0.23	-183.2	1.07	-1.26	358.89	-2.05	0.00	0.65	-47	0	9792	528.9	7.61
102:34:53	6427	-3.4	0.04	4744.2	33.90	175.07	55.14	55.17	0.11	0.00	-9	0	827	149.84	-378.79
LANDING	-307533	1421.2	-3.11	-19.5	46151	-1.85	2.04	-1.01	0.02	0.00	-623	0	31677	5184	

107441 CLCCK REQUEST @ READACCS T1=37374 SECONDS RUNNING 3692920761271 1223  
076206 CLCCK REQUEST @ SERVICER T1=37375 SECONDS RUNNING 3692920777123 2575  
063150 CLCCK REQUEST @ KADAFEAD T1=37401 SECONDS RUNNING 3692920814964 5796  
006071 CLCCK REQUEST @ MUNGRAV T1=37410 SECONDS RUNNING 3692920860393 1901  
006071 CLCCK REQUEST @ MUNGRAV T1=37423 SECONDS RUNNING 3692920901389 0859

DISPLAYS = 63 06 63 +47531 -00185 +46208 369293000022

073121 CLCCK REQUEST @ QUADGUID T1=37510 SECONDS RUNNING 3692930524322 6336  
072216 CLCCK REQUEST @ THROTTLE T1=37544 SECONDS RUNNING 3692930805554 8335  
006071 CLCCK REQUEST @ FINDCDUW T1=37545 SECONDS RUNNING 3692930815323 1168  
073473 CLCCK REQUEST @ P6DISPS T1=37604 SECONDS RUNNING 3692940124137 7512  
073476 CLCCK REQUEST @ ENDLJCB T1=37607 SECONDS RUNNING 3692940159488 0537  
063073 CLCCK REQUEST @ LRALT T1=37677 SECONDS RUNNING 3692940718591 8247

369294.7	1723464	243.5	0.22	-188.5	1.07	-1.31	358.84	-2.04	0.00	0.65	-45	0	9792	528.9	7.61
102:34:55	6421	-3.5	0.04	4723.8	33.81	174.95	94.91	94.95	0.10	0.00	-9	0	847	149.15	-386.04
LANDING	-304195	1415.5	-3.12	-21.2	46112	-1.86	2.05	-1.01	0.01	0.00	-625	0	31613	5189	

107441 CLCCK REQUEST @ READACCS T1=37774 SECONDS RUNNING 3692940761229 1223

107441

CLCK REQUEST @ READACCS

T1=4774

SECONDS RUNNING

369296761216

1881

LMY99	AGC	001	NASA 2021112-061 NEW SIMULATION	MARSFOT 20414415 /EYLES	LRRADAR20.FNVCNTP1 07/23/77 14:45	PAGE	181
					/DUPLICATE LANDING	LAST SNAP	369250
076206	CLCK	REQUEST @	SERVICER	T1=37705	SECONDS RUNNING	369296775929	5140
063150	CLCK	REQUEST @	RACAREAD	T1=37711	SECONDS RUNNING	369296814864	6463
006071	CLCK	REQUEST @	MUNGRAV	T1=37720	SECONDS RUNNING	3692968085212	2466
006071	CLCK	REQUEST @	MUNGRAV	T1=37733	SECONDS RUNNING	369296904429	1444
DISPLAYS =	63	06	63	+47327 -00191 +46171			36929690022
073121	CLCK	REQUEST @	QUADGUID	T1=37723	SECONDS RUNNING	369296557742	9855
072216	CLCK	REQUEST @	THROTTLE	T1=37754	SECONDS RUNNING	369296808328	1238
006071	CLCK	REQUEST @	FINDCDUW	T1=37755	SECONDS RUNNING	369296818092	2071
073473	CLCK	REQUEST @	P63DISPS	T1=37714	SECONDS RUNNING	3692960123579	8141
073476	CLCK	REQUEST @	ENCLLJDR	T1=37717	SECONDS RUNNING	3692960159785	1229
063073	CLCK	REQUEST @	LRALT	T1=37717	SECONDS RUNNING	369296718591	9914

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATF	ATT-X	DPPX	DGX	THRUST	CS	APDLU
LANDING	(STABLE MEMBER COORDS)	FCRVEL	ALTRATE	LONG	PITCH	BALL-P	CDUY	ORATE	ATT-Y	DPPY	EGY	DELTA V	OPS	PERFILU	
	METRIC UNITS			ALT	KOLL	BALL-Y	CDUZ	RRATE	ATT-Z	OPPZ	DGZ	MASS	APS		
369296.7	172394E	240.11	- 0.21	- 188.5	1.07	- 1.33	358.62	- 2.06	- 0.00	- 0.65	- 43	0	97.3	578.0	7.6
102:34:57	6414	- 3.7	- 0.14	4703.3	33.71	174.83	54.7	94.74	- 0.08	- 0.11	- 10	0	81.8	145.55	-293.92
LANDING	- 301370	1409.8	- 3.13	- 21.8	4607.1	- 1.87	2.06	- 1.17	- 0.02	1.00	- 627	0	385.68	51.80	

107441	CLCK	REQUEST @	READACCS	T1=30214	SECONDS RUNNING	369296761216	2551
076206	CLCK	REQUEST @	SERVICER	T1=30215	SECONDS RUNNING	369296775654	3783
063150	CLCK	REQUEST @	RACAREAD	T1=30221	SECONDS RUNNING	3692968219417	7517
006071	CLCK	REQUEST @	MUNGRAV	T1=30233	SECONDS RUNNING	3692969011449	5371
DISPLAYS =	63	06	63	+47122 -00199 +46132			369297000144
006071	CLCK	REQUEST @	MUNGRAV	T1=30253	SECONDS RUNNING	369297071525	9131
073121	CLCK	REQUEST @	QUADGUID	T1=30337	SECONDS RUNNING	3692970559171	2545
072216	CLCK	REQUEST @	THROTTLE	T1=30373	SECONDS RUNNING	369297070386	7214
006071	CLCK	REQUEST @	FINDCDUW	T1=30374	SECONDS RUNNING	369297081728	8168
073473	CLCK	REQUEST @	P63DISPS	T1=30433	SECONDS RUNNING	369298191368	4591
073476	CLCK	REQUEST @	ENCLLJDR	T1=30433	SECONDS RUNNING	369298191368	4591

063073

CLCK REQUEST @ LRALT

T1=0517

SECONDS RUNNING

369298.718891

0591

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/DUPLICATE LANDING LAST SNAP 369250

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, MMI, SEC, DEG

TIME LANDING	R (STABLE	V MEMBER	A COORDS)	LATVEL FORVEL	LAT LONG	YAW PITCH	BALL-R BALL-P	CDUX CDUY	PRAVE QRATE	ATT-X ATT-Y	DPPX DPPY	DCX DCY	THP UST	DPS DPS	APOLU PERILU
	METRIC	UNITS		ALTRATE	ALT	ROLL	BALL-Y		RATE	ATT-Z	DPPZ	DGZ	DELTA MASS	APS	
369298.7	1724422	236.4	- 1.20	- 189.1	1.06	- 1.34	358.82	- 2.7	- .00	- 0.65	- 4.0	2	9753	528.9	7.59
102:34:59	6392	- 3.8	- 1.15	4682.8	32.62	174.74	94.51	94.55	- 0.10	- .00	- 1.0	3	RRR	147.0	-41.35
LANDING	- 298569	14.4	- 3.14	- 21.5	46028	- 1.88	2.17	- 1.17	- 0.01	- 0.00	- 6.27	3	36484	51.89	
107441	CLCK REQUEST @ READACC				T1=0524				SECONDS RUNNING				369298.761216		3219
076206	CLCK REQUEST @ SERVICER				T1=0525				SECONDS RUNNING				369298.776396		4513
063150	CLCK REQUEST @ RACAREAD				T1=0531				SECONDS RUNNING				369298.814878		7797
006071	CLCK REQUEST @ MUNGRAV				T1=0540				SECONDS RUNNING				369298.884938		2776
006071	CLCK REQUEST @ MUNGRAV				T1=0552				SECONDS RUNNING				369298.989481		2697
DISPLAYS =	63	66	63		+46918	-10204	+46091								369298.100049
073121	CLCK REQUEST @ QUAGUID				T1=0643				SECONDS RUNNING				369299.566911		1117
072216	CLCK REQUEST @ THROTTLE				T1=0674				SECONDS RUNNING				369299.67176		2465
006071	CLCK REQUEST @ FINDCOL				T1=0675				SECONDS RUNNING				369299.71839		2298
SNAPSHOT	369300				SECONDS RUNNING				369300.000048						

7547326

LMY99 AGC 001 NASA 2021112-061 NEW SIMULATION MARSROT 2 414415 /EYLF5 LPPADAP2,ENVCONTPL 7/22/70 14:43 PACI 183 /DUPLICATE LABELING LAST SNAP 369300

073473 CLCCK REQUEST @ P63DISPS T1=00737 SECONDS RUNNING 369300.158204 2429  
 073476 CLCCK REQUEST @ ENDDLJOB T1=00744 SECONDS RUNNING 369300.162171 2766  
 063073 CLCCK REQUEST @ LRLAT T1=01027 SECONDS RUNNING 369300.718591 0247

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	8ALL-P	CDUX	PRATE	ATT-X	DPPX	DGX	THRUST	RCS	APDLU
LANDING	(STABLE	MEMBER	COORDS)	FCPVEL	LONG	PITCH	8ALL-P	CDUY	QRATE	ATT-Y	DPPY	DGY	DELTA V	DPS	PERILU
	METRIC	UNITS		ALTRATE	ALT	ROLL	BALL-Y	CDUZ	PRATE	ATT-Z	DPPZ	DGZ	MASS	APS	
369300.7	1724891	232.8	-0.18	-189.5	1.06	-1.37	358.79	-2.08	-0.00	-0.65	-39	0	9794	528.9	7.59
102:35:1	63P5 -	3.9	-0.05	4662.2	33.53	174.52	94.21	94.25	-0.19	-0.10	-10	0	470	14725	-4.8.68
LANDING	-295766	1398.3	-3.15	-22.3	45984	-1.89	2.08	-1.20	-0.01	0.00	-631	0	30419	5189	

107441 CLCCK REQUEST @ REACACCS T1=1134 SECONDS RUNNING 369300.761229 3886  
 076206 CLCCK REQUEST @ SERVICFR T1=1135 SECONDS RUNNING 369300.775496 5120  
 063150 CLCCK REQUEST @ RADAREAD T1=1141 SECONDS RUNNING 369300.814878 8464  
 060671 CLCCK REQUEST @ MUNGRAV T1=1150 SECONDS RUNNING 369300.884318 4399  
 060671 CLCCK REQUEST @ MUNGRAV T1=1162 SECONDS RUNNING 369300.989300 3340

DISPLAYS = 63 06 63 446713 -0211 +46050 369300.100001

073121 CLCCK REQUEST @ QUACGUID T1=1153 SECONDS RUNNING 369300.558603 1929  
 072216 CLCCK REQUEST @ THROTTLE T1=1204 SECONDS RUNNING 369300.807863 3198  
 060671 CLCCK REQUEST @ FINDCULW T1=1215 SECONDS RUNNING 369300.917636 4142  
 073473 CLCCK REQUEST @ P63DISPS T1=1244 SECONDS RUNNING 369300.123726 0152  
 073476 CLCCK REQUEST @ ENDDLJOB T1=1247 SECONDS RUNNING 369300.158723 3139

ASTRONAUT KEYSTROKE "VERB"	FOR TIME	369302.437
ASTRONAUT KEYSTROKE 1	FOR TIME	369302.687
ASTRONAUT KEYSTROKE 6	FOR TIME	369302.937
ASTRONAUT KEYSTROKE "NDUN"	FOR TIME	369303.187
ASTRONAUT KEYSTROKE 6	FOR TIME	369303.437
ASTRONAUT KEYSTROKE 8	FOR TIME	369303.687
ASTRONAUT KEYSTROKE "ENTER"	FOR TIME	369303.937

063073 CLCCK REQUEST @ LRLAT T1=11337 SECONDS RUNNING 369300.719346 0979

369302.7	1725353	229.3	-0.17	-191.0	1.06	-1.31	358.86	-2.08	-0.00	-0.65	-34	0	9794	528.9	7.59
102:35:3	6378 -	4.0	-0.04	4641.6	33.43	174.33	92.92	94.96	-0.12	-0.00	-11	0	920	14661	-415.02
LANDING	-292975	1392.5	-3.15	-23.0	45929	-1.89	2.07	-1.14	-0.07	0.00	-631	0	30290	5189	

107441 CLCCK REQUEST @ REACACCS T1=1134 SECONDS RUNNING 369300.761214 3886

076206 CLCCK REQUEST @ SERVICER T1=01345 SECONDS RUNNING 2693 2.0776778 5979  
 063150 CLCCK REQUEST @ RADAREAD T1= 1351 SECONDS RUNNING 2693 2.0814928 9135  
 006071 CLCCK REQUEST @ MUNGRAV T1=01360 SECONDS RUNNING 2693 2.086347 4978  
 DISPLAYS = 63 1X 63 +46508 -00219 +46007 369303.00023  
 006071 CLCCK REQUEST @ MUNGRAV T1=01374 SECONDS RUNNING 2693 2.088692 5669  
 073121 CLCCK REQUEST @ QUADGUID T1= 1467 SECONDS RUNNING 2693 2.093570 5579  
 072216 CLCCK REQUEST @ THRATTLE T1=01524 SECONDS RUNNING 2693 2.0983843 0349  
 006071 CLCCK REQUEST @ FINDCCUW T1=01525 SECONDS RUNNING 2693 2.0992619 1183  
 DISPLAYS = 63 16 68 +46508 -00219 +46007 369304.00010  
 073473 CLCCK REQUEST @ P63DISPS T1=01617 SECONDS RUNNING 2693 2.1029869 4127  
 073476 CLCCK REQUEST @ ENCLLJCB T1= 1617 SECONDS RUNNING 2693 2.1041591 4530  
 063073 CLCCK REQUEST @ LRALT T1= 1650 SECONDS RUNNING 2693 2.1072189 1794

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUY	PRATE	ATT-X	DPYX	DGX	THRUST	PCS	APDLU
LANDING	(STABLE MEMBER METRIC UNITS)	COORDS	(FORVEL ALTRATE)	LONG ALT	PITCH ROLL	BALL-P BALL-Y	CDUY CDUZ	ORATE RRATE	ATT-Y ATT-Z	DPYD DPGZ	DGY DGZ	DFLTAV MASS	DPS APS	PER ILU	
369304.7	1725809	225.8 -	0.10 -	15.02	1.76 -	1.24	358.94 -	2.1 -	0.00	-0.65 -	22	0705	528.09	7.57	
102:35:5	6371 -	4.1 -	0.04	4621.0	33.24	174.17	93.67	93.71 -	0.11 -	0.00 -	9	0.00	14596	-423.008	
LANDING	- 290195	1386.7 -	3.16 -	23.6	45892 -	1.91	2.1 -	1.15	0.00	0.00 -	632	0	3129	51.89	

107441 CLCCK REQUEST @ READACCS T1=01654 SECONDS RUNNING 2693 2.10761214 5218  
 076206 CLCCK REQUEST @ SERVICER T1=01655 SECONDS RUNNING 2693 2.1077793 6633  
 063150 CLCCK REQUEST @ RADAREAD T1=01661 SECONDS RUNNING 2693 2.10814861 9796  
 006071 CLCCK REQUEST @ MUNGRAV T1= 1670 SECONDS RUNNING 2693 2.1087359 5982  
 DISPLAYS = 63 16 68 +11599 -07X51 +99999 RELEASE DISPLAY 369305.00023  
 006071 CLCCK REQUEST @ MUNGRAV T1=01717 SECONDS RUNNING 2693 2.1114296 5347  
 073121 CLCCK REQUEST @ QUADGUID T1= 1706 SECONDS RUNNING 2693 2.116967 2734  
 072216 CLCCK REQUEST @ THRATTLE T1=02037 SECONDS RUNNING 2693 2.1191495 4775  
 006071 CLCCK REQUEST @ FINDCCUW T1= 1745 SECONDS RUNNING 2693 2.11972698 8589  
 073473 CLCCK REQUEST @ P63DISPS T1= 2120 SECONDS RUNNING 2693 2.1219128 5746  
 073476 CLCCK REQUEST @ ENCLLJCB T1= 2121 SECONDS RUNNING 2693 2.1219128 4119



063073 CLCCK REQUEST @ LRLAT T1=02157 SECONDS RUNNING 369306.718597 2249

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-P	CDUX	PRATE	ATT-X	DpPX	DGY	THRUST	RCS	APOLU
LANDING	(STABLE	MEMBER	COURSES)	FORVEL	LCNG	PITCH	BALL-P	CDUY	ORATE	ATT-Y	DPPY	DGY	DELTAV	DPS	PEPILU
	METRIC	UNITS		ALTRATE	ALT	RCLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	DCZ	MASS	APS	
369306.7	1726257	222.4	- 1.14	- 19.04	1.006	- 1.27	358.91	- 2.12	- 0.00	- 1.65	- 29	0	9796	528.9	7.57
102:35: 7	6363	- 4.2	- 0.04	4670.3	33.25	174.15	93.46	93.51	- 0.11	- 0.00	- 9	0	971	14532	-437.14
LANDING	- 287427	138.09	- 3.17	- 24.4	45844	- 1.92	2.11	- 1.98	- 0.04	0.00	- 634	0	30226	5189	

107441 CLCCK REQUEST @ READACCS T1= 2164 SECONDS RUNNING 369306.761228 6886

076206 CLCCK REQUEST @ SERVICER T1=02165 SECONDS RUNNING 369306.776242 7167

063150 CLCCK REQUEST @ PACAREAD T1=02171 SECONDS RUNNING 369306.814915 0467

006071 CLCCK REQUEST @ MUNGRAV T1= 2207 SECONDS RUNNING 369306.885836 6519

006071 CLCCK REQUEST @ MUNGRAV T1=02213 SECONDS RUNNING 369306.996743 5923

DISPLAYS = 63 16 68 +01584 -07X48 +99999 RELEASE DISPLAY 369307.00023

073121 CLCCK REQUEST @ QUAREGUD T1=02217 SECONDS RUNNING 369307.673208 3708

072216 CLCCK REQUEST @ THROTTLE T1=02350 SECONDS RUNNING 369307.922152 4951

006071 CLCCK REQUEST @ FINDERDUM T1= 2355 SECONDS RUNNING 369307.972820 0275

073473 CLCCK REQUEST @ P63DISPS T1=02430 SECONDS RUNNING 369308.416778 6306

073476 CLCCK REQUEST @ ENCLJOB T1=02431 SECONDS RUNNING 369308.419976 6579

063073 CLCCK REQUEST @ LRLAT T1=02447 SECONDS RUNNING 369309.718597 2914

369308.7	1726699	218.9	- 0.13	- 19.08	1.005	- 1.22	358.87	- 2.12	- 0.00	- 1.65	- 27	0	9796	528.9	7.56
102:35: 9	6355	- 4.3	- 0.04	4579.6	33.16	173.89	93.21	93.25	- 0.11	- 0.00	- 9	0	991	14467	-437.12
LANDING	- 284670	1375.1	- 3.18	- 25.1	45794	- 1.93	2.12	- 1.13	- 0.11	0.00	- 625	0	30161	5189	

107441 CLCCK REQUEST @ READACCS T1=02474 SECONDS RUNNING 369308.761233 6551

076206 CLCCK REQUEST @ SERVICER T1= 2475 SECONDS RUNNING 369308.776296 7833

063150 CLCCK REQUEST @ PACAREAD T1= 02511 SECONDS RUNNING 369308.814873 1130

006071 CLCCK REQUEST @ MUNGRAV T1=02510 SECONDS RUNNING 369308.893145 6956

006071 CLCCK REQUEST @ MUNGRAV T1=02523 SECONDS RUNNING 369308.996540 6548

DISPLAYS = 63 16 68 +01585 -07X45 +99999 RELEASE DISPLAY 369309.00022

LMY99	AGC	DOI	NASA 2021112-161 NEW SIMULATION	MARSROT 2 414415 /EYLES	LRRADAR2.ENVNTPLE /7/23/60 14:43	PAGE 186
					/DUPLICATE LANDING	LAST SNAP 369300
072216	CLCK	REQUEST @	THRCTLLE	T1=02660	SECONDS	RUNNING 369309.921558 5567
006071	CLCK	REQUEST @	FINDCCLW	T1=02665	SECONDS	RUNNING 369309.972233 9890
073473	CLCK	REQUEST @	P63DISPS	T1=02740	SECONDS	RUNNING 369310.6405262 6843
073476	CLCK	REQUEST @	ENDLLJOB	T1=02740	SECONDS	RUNNING 369310.646459 7116
063073	CLCK	REQUEST @	LRLAT	T1=02777	SECONDS	RUNNING 369310.718691 3581

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, ET, NMI, SEC, DEG

TIME	R	V	A	L <sub>2</sub> TVL	LAT	YAW	BALL-R	CDUX	PFATF	ATT-X	DPPX	DCX	HPLST	RCS	APOLU
LANDING	(STABLE MEMBER METRIC UNITS)	COURDS)	EGRAVEL	ALTRATE	LCNG	PITCH	BALL-P	CDUY	QRATE	ATT-Y	DPPY	DCY	DFLTAV	DPS	PERILU
369310.7	1727133	215.5	- 1.12	- 190.9	1.05	- 1.24	358.95	- 2.13	- 0.00	- 0.65	- 25	0	9797	528.9	7.55
102:35:11	6348	- 4.4	- 1.04	4558.8	43.7	173.74	92.97	93.1	- 0.07	- 0.00	- 9	0	1032	146.3	-444.2
LANDING	- 281925	1369.2	- 3.18	- 26.8	45743	- 1.94	2.12	- 1.04	0.03	0.00	- 637	0	30.96	5189	

107441	CLCK	REQUEST @	READACCS	T1=03034	SECONDS	RUNNING 369310.761253 7221
076206	CLCK	REQUEST @	SERVICER	T1=03035	SECONDS	RUNNING 369310.776815 8549
063150	CLCK	REQUEST @	RADAREAD	T1=03031	SECONDS	RUNNING 369310.814937 1802
006071	CLCK	REQUEST @	MUNGRAV	T1=03210	SECONDS	RUNNING 369310.665114 7791
006071	CLCK	REQUEST @	MUNGRAV	T1=03033	SECONDS	RUNNING 369310.895727 7220

DISPLAYS = 63 16 68 +1554 - 7X43 +99999 RFLFASE DISPLAY 369310.00023

073121	CLCK	REQUEST @	QUAGUID	T1=03137	SECONDS	RUNNING 369310.672626 4992
072216	CLCK	REQUEST @	THRCTLLE	T1=03167	SECONDS	RUNNING 369310.919626 6069
006071	CLCK	REQUEST @	FINDCCLW	T1=03175	SECONDS	RUNNING 369310.972963 9820
073473	CLCK	REQUEST @	P63DISPS	T1=03250	SECONDS	RUNNING 369312.406782 7640
073476	CLCK	REQUEST @	ENDLLJOB	T1=03250	SECONDS	RUNNING 369312.609980 7913
063073	CLCK	REQUEST @	LRLAT	T1=03307	SECONDS	RUNNING 369312.718591 4247

369312.7	1727561	212.1	- 0.11	- 191.0	1.05	- 1.17	355.13	- 2.14	- 0.00	- 0.65	- 22	0	9797	528.9	7.54
102:35:13	6348	- 4.5	- 1.03	4538.1	32.98	173.61	92.75	92.79	- 0.13	- 0.00	- 8	0	1032	143.8	-451.83
LANDING	- 279192	1363.3	- 3.19	- 26.5	45691	- 1.95	2.13	- 1.06	0.13	0.10	- 639	0	30.32	5189	

107441	CLCK	REQUEST @	READACCS	T1=03314	SECONDS	RUNNING 369312.76124 7897
076206	CLCK	REQUEST @	SERVICER	T1=03315	SECONDS	RUNNING 369312.776364 9177
063150	CLCK	REQUEST @	RADAREAD	T1=03321	SECONDS	RUNNING 369312.81487 2463

LRRACAP2.FMVCNTL 17/07/75 14:4 PAGE 187  
 /DUPLICATE LANDING LAST SNAP 169300

LMY99	AGC	001	NASA 2	21112-001	NFW SIMULATION	MARSNET 2	414415	/EYLES									
006071					CLCK REQUEST @ MUNGRAV				T1=03331	SECONDS	PUNNING	369312.845472					8488
006071					CLCK REQUEST @ MUNGRAV				T1=03343	SECONDS	RUNNING	369313.066338					7983
DISPLAYS =	63	16	08		+11539	-07X40	+99999				RELEASE DISPLAY						369313.00011
073121					CLCK REQUEST @ QUACGUID				T1=03447	SECONDS	RUNNING	369313.0675272					5878
072216					CLCK REQUEST @ THRATTLE				T1=03510	SECONDS	RUNNING	369313.024148					7121
006071					CLCK REQUEST @ FINDCCUW				T1=03505	SECONDS	PUNNING	369313.074942					1456
073473					CLCK REQUEST @ P63DISPS				T1=03561	SECONDS	RUNNING	369314.0411509					8711
073476					CLCK REQUEST @ ENDLJCB				T1=03561	SECONDS	RUNNING	369314.041478					8983
063073					CLCK REQUEST @ LPALT				T1=03617	SECONDS	PUNNING	369314.0718591					4914

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-P	CDUX	PRATE	ATT-X	DPX	DCX	THRUST	RCS	APOLU
LANDING	(STABLE MEMBER COORDS)			FCRVFL	LCNG	PITCH	BALL-P	CDUY	GRATE	ATT-Y	DPY	DGY	DELTA V	DPS	PERILU
	METRIC UNITS			ALTRATE	ALT	ROLL	BALL-Y	CDUZ	RPATE	ATT-Z	DPZ	DCZ	MASS	APS	
369314.7	1727982	208.7	3.09	-191.2	1.05	-1.09	25.12	-2.15	-0.00	-0.65	-19	0	0708	528.9	7.54
102:35:15	6331	-4.6	-0.03	4517.2	32.89	173.33	92.38	02.41	-0.21	-0.00	-7	0	11.54	14274	-457.55
LANDING	-276471	1357.5	-3.20	-27.2	45637	-1.96	2.14	-0.87	0.04	0.21	-64	0	29967	5189	

107441					CLCK REQUEST @ READACCS				T1=03624	SECONDS	RUNNING	369314.071292				8558
076206					CLCK REQUEST @ SERVICER				T1=03625	SECONDS	PUNNING	369314.077472				9938
063150					CLCK REQUEST @ RADAREAD				T1=03631	SECONDS	RUNNING	369314.0814335				3135
006071					CLCK REQUEST @ MUNGRAV				T1=03640	SECONDS	RUNNING	369314.084001				9029
DISPLAYS =	63	16	68		+01524	-07X38	+99999				RELEASE DISPLAY					369314.000021
006071					CLCK REQUEST @ MUNGRAV				T1=03667	SECONDS	RUNNING	369315.012381				8517
073121					CLCK REQUEST @ QUACGUID				T1=03757	SECONDS	RUNNING	369315.074978				6526
072216					CLCK REQUEST @ THRATTLE				T1=04111	SECONDS	PUNNING	369315.023811				7759
006071					CLCK REQUEST @ FINDCCUW				T1=04015	SECONDS	PUNNING	369315.073098				2042
073473					CLCK REQUEST @ P63DISPS				T1=04177	SECONDS	PUNNING	369316.0417848				9766
073476					CLCK REQUEST @ ENDLJCB				T1=04171	SECONDS	RUNNING	369316.0411045				9327
063073					CLCK REQUEST @ LPALT				T1=04127	SECONDS	RUNNING	369316.0311850				5501

369316.7 1728396 25.4 - 1.17 - 191.1 1.05 - 1.3 35.18 - 2.15 - 1.01 - 1.65 - 15 9798 1.00 7.53  
102:35:17 6323 - 4.7 - 1.03 4490.4 32.81 173.17 92.14 92.17 - 1.08 - 1.01 - 7 1175 142.8 -464.21

LANDING - 273761	1351.5 - 3.21 - 27.9	45582 - 1.97	2.15 - 0.81	0.01	0.32 - 642	29992	5184		
107441	CLOCK REQUEST @ READACCS				T1=04134	SECONDS	RUNNING	369316.761251	9221
076206	CLOCK REQUEST @ SERVICER				T1=04135	SECONDS	RUNNING	369316.779144	7663
063150	CLOCK REQUEST @ RADAREAD				T1=04141	SECONDS	RUNNING	369316.814976	3870
006071	CLOCK REQUEST @ MUNGRAV				T1=04151	SECONDS	RUNNING	369316.887783	0318
DISPLAYS =	63 16 08	+11509	-17X35	+99999			RELEASE DISPLAY	369317.0025	
006071	CLOCK REQUEST @ MUNGRAV				T1=04177	SECONDS	RUNNING	369317.114521	9367
073121	CLOCK REQUEST @ QUADGUID				T1=04267	SECONDS	RUNNING	369317.674267	7132
072216	CLOCK REQUEST @ THRATTLE				T1=04321	SECONDS	RUNNING	369317.923791	8424
006071	CLOCK REQUEST @ FINDCDUW				T1=04325	SECONDS	RUNNING	369317.975145	2817
073473	CLOCK REQUEST @ P63DISPS				T1=04401	SECONDS	RUNNING	369318.410010	0915
073476	CLOCK REQUEST @ ENDLLJCB				T1=04401	SECONDS	RUNNING	369318.413207	0188
063073	CLOCK REQUEST @ LRALT				T1=04427	SECONDS	RUNNING	369318.718590	6247

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LAT <sub>V</sub> EL	LAT	YAW	BALL <sub>R</sub>	CDUX	PRATE	ATT-X	DPPX	DCX	THRUST	RCS	APILij
LANDING	(STABLE MEMBER COORDS)			PERVEL	LCNG	PITCH	BALL-P	CDUY	CRATE	ATT-Y	DPPY	DGY	DELTA V	DRS	PERILU
	METRIC UNITS			ALTPATE	ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	DGZ	MASS	APS	
369318.7	1728804	202.1 - 0.66	- 191.2	1.05 - 1.04	32.71	173.75	91.92	91.95	- 0.13	- 0.11	- 6		97.9	528.9	7.52
102:35:19	6314 - 4.7	- 0.13	4475.5	32.71	173.75	91.92	91.95	- 0.13	- 0.11	- 6			1.96	14144	-47.076
LANDING - 271063	1345.6 - 3.21	- 28.6	45525 - 1.98	2.16	- 0.87	- 0.05	0.21 - 643	29994	5184						

107441	CLOCK REQUEST @ READACCS				T1=04444	SECONDS	RUNNING	369318.761225	9221
076206	CLOCK REQUEST @ SERVICER				T1=04465	SECONDS	RUNNING	369318.776290	1171
063150	CLOCK REQUEST @ RADAREAD				T1=04451	SECONDS	RUNNING	369318.814979	4444
006071	CLOCK REQUEST @ MUNGRAV				T1=04461	SECONDS	RUNNING	369318.885945	529
006071	CLOCK REQUEST @ MUNGRAV				T1=04473	SECONDS	RUNNING	369319.0966417	9955
DISPLAYS =	63 16 08	+11495	-17X33	+99999			RELEASE DISPLAY	369319.10040	
073121	CLOCK REQUEST @ QUADGUID				T1=04577	SECONDS	RUNNING	369319.675124	7871

006071	CLCCK REQUEST @ FINDCDUW	T1=04635	SECONDS RUNNING	369319.075364	3402
LMY99	AGC (C1 NASA 2021112- 61 NEW SIMULATION	MARSFOT 2 414415 /EYLES	L PADAR2 ENVNCTEL 17/27/ 9 14:43	PACF /DUPLICATE LANDING	LAST SNAP 189 269300
073473	CLCCK REQUEST @ P63DISPS	T1=04711	SECONDS RUNNING	369320.641424	617
073476	CLCCK REQUEST @ ENDLJCB	T1=04711	SECONDS RUNNING	369320.6413522	689
063073	CLCCK REQUEST @ LRLALT	T1=04747	SECONDS RUNNING	369320.718590	6914

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, ET, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	P	Q	R	ATT-X	DPPX	DCY	THE	RCG	APOLU
LANDING	(STAELE MEMBER	COORDS)	LATVEL	LONG	PITCH	P	Q	R	ATT-Y	DPPY	DCY	DELTA	DPS	PPILU	
	METRIC	UNITS	ALTRATE	ALT	RCLL	BALL-P	CCUY	CPATE	ATT-Z	DPPZ	DGZ	MASS	APS		
369320.7	17292.5	198.6 - 0.05	- 191.5	1.74 - 1.25	358.99 - 2.17	- 0.7	- 0.76	- 1	0	9P	528.9	7.51			
102:35:21	6305 -	4.8 - 0.14	4433.6	32.62	172.90	91.68	91.71	- 0.14	- 0.07	- 7	0	1117	14.80	-477.25	
LANDING	- 268377	1339.7 - 3.22	- 29.4	45467 - 1.99	2.17 - 1.01	- 0.07	0.18 - 645	0	29774	5189					

107441	CLCCK REQUEST @ READACCS	T1=04754	SECONDS RUNNING	369320.761238	553
076206	CLCCK REQUEST @ SERVICER	T1=04755	SECONDS RUNNING	369320.776320	1947
063150	CLCCK REQUEST @ RADAREAD	T1=04761	SECONDS RUNNING	369320.814879	5131
006071	CLCCK REQUEST @ MUNGRAV	T1=04770	SECONDS RUNNING	369320.83161	957
006071	CLCCK REQUEST @ MUNGRAV	T1=05003	SECONDS RUNNING	369320.85827	671

DISPLAYS = 63 16 68 +1481 -07X3 +99999 RELEASE DISPLAY 369320.77026

073121	CLCCK REQUEST @ QUADGUID	T1=05117	SECONDS RUNNING	369321.0674978	8526
072216	CLCCK REQUEST @ THROTTLE	T1=05140	SECONDS RUNNING	369321.0822754	9669
006071	CLCCK REQUEST @ FINDCDUW	T1=05145	SECONDS RUNNING	369321.0972867	3946
073473	CLCCK REQUEST @ P63DISPS	T1=05220	SECONDS RUNNING	369322.04761	1044
073476	CLCCK REQUEST @ ENDLJCB	T1=05221	SECONDS RUNNING	369322.0414818	1316
063073	CLCCK REQUEST @ LRLALT	T1=05257	SECONDS RUNNING	369322.071859	7591

369322.7	1725600	195.6 - 0.13	- 191.8	1.74 - 1.35	358.88 - 2.18	- 0.70	- 0.76	- 8	0	9P	528.9	7.51		
102:35:23	6297 -	4.9 - 0.14	4433.6	32.53	172.76	91.45	91.48	- 0.06	- 0.06	- 4	0	1128	14.15	-483.6
LANDING	- 265703	1333.7 - 3.23	- 30.1	45406 - 2.00	2.18 - 1.02	- 0.02	0.00 - 644	0	29779	5189				

107441	CLCCK REQUEST @ READACCS	T1=05264	SECONDS RUNNING	369322.0761238	1221
076206	CLCCK REQUEST @ SERVICER	T1=05265	SECONDS RUNNING	369322.0777611	2617
063150	CLCCK REQUEST @ RADAREAD	T1=05271	SECONDS RUNNING	369322.0814879	5797
006071	CLCCK REQUEST @ MUNGRAV	T1=05310	SECONDS RUNNING	369322.086842	1938

DISPLAYS = 63 16 68 + 1465 - 7X28 +99999 RELEASE DISPLAY 369322.07026

LMY99 AGC 001 NASA 2 21112-001 NEW SIMULATION MARSPT 2141441 /EYLES LPPADAP2.FNVCN101 (7/21/75) 4:48 RAGP 191  
 /DUPLICATE LANDING LAST SNAP 369300

006071	CLOCK REQUEST @ MUNGRAV	T1=15327	SECONDS RUNNING	369223.115116	140
073121	CLOCK REQUEST @ QUADGUID	T1=15417	SECONDS RUNNING	369223.674712	9169
072216	CLOCK REQUEST @ THROTTLE	T1=05450	SECONDS RUNNING	369223.922960	345
006071	CLOCK REQUEST @ FINDCDLW	T1=05455	SECONDS RUNNING	369223.974583	4759
073472	CLOCK REQUEST @ P63DISPS	T1=15530	SECONDS RUNNING	369224.416997	1650
073476	CLOCK REQUEST @ ENCLLJCB	T1=05531	SECONDS RUNNING	369224.411197	1031
063073	CLOCK REQUEST @ LRLAT	T1=05547	SECONDS RUNNING	369224.71859	9247

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME LANDING	R (STABLE)	V (MEMBER)	A (COORDS)	LATV (FORVEL)	LAT (LONG)	YAW (PITCH)	BALL-B (ROLL)	CDUX (CRUZ)	BRATE (RRATE)	ATT-Z (ATT-Z)	DRPZ (DRPZ)	DRGZ (DRGZ)	THRUST (DFITCV)	WGS (WGS)	ABOLU (PERILU)
369324.7	1729988	192.3	- 0.02	- 192.0	1.04	- 1.33	358.9	- 2.19	- 0.00	- 0.76	- 3	0	98.1	528.9	7.49
102:35:25	6287	- 5.11	- 0.04	4412.6	32.44	172.65	91.25	91.29	- 0.11	- 0.00	- 10	0	11.9	13.80	-496.99
LANDING	- 263.41	1327.7	- 3.24	- 3.08	48347	- 2.01	2.19	- 1.09	0.02	0.00	- 647	0	29644	5189	

107441	CLOCK REQUEST @ READACCS	T1=15574	SECONDS RUNNING	369224.761211	1988
076206	CLOCK REQUEST @ SERVICER	T1=15575	SECONDS RUNNING	369224.776197	9169
063150	CLOCK REQUEST @ RABAREAD	T1=15601	SECONDS RUNNING	369224.9814870	6464
066071	CLOCK REQUEST @ MUNGRAV	T1=05611	SECONDS RUNNING	369224.985328	2476
006071	CLOCK REQUEST @ MUNGRAV	T1=05623	SECONDS RUNNING	369224.996119	1021

DISRLAYS = 63 16 6R + 1451 -17X25 +99999 RELEASE DISPLAY 369225.0053

073121	CLOCK REQUEST @ QUADGUID	T1=15727	SECONDS RUNNING	369225.674129	9778
072216	CLOCK REQUEST @ THROTTLE	T1=05760	SECONDS RUNNING	369225.923181	1331
006071	CLOCK REQUEST @ FINDCDLW	T1=05765	SECONDS RUNNING	369225.973194	5207
073473	CLOCK REQUEST @ P63DISRS	T1=06040	SECONDS RUNNING	369226.4117621	2379
073476	CLOCK REQUEST @ ENCLLJCB	T1=06041	SECONDS RUNNING	369226.411318	2651
063073	CLOCK REQUEST @ LRLAT	T1=06177	SECONDS RUNNING	369226.71859	9214

369326.7	1730369	189.1	- 0.01	- 192.0	1.04	- 1.29	358.95	- 2.19	- 0.00	- 0.76	- 3	0	98.1	528.9	7.49
102:35:27	6278	- 5.1	- 0.04	4291.5	32.35	172.52	91.14	91.7	- 0.08	- 0.00	- 9	0	11.9	13.80	-496.25
LANDING	- 260.41	1321.7	- 3.23	- 3.06	48346	- 2.02	2.1	- 1.08	0.1	0.00	- 647	0	29644	5189	





072216	CLOCK REQUEST @ THROTTLE	T1=06673	SECONDS RUNNING	26970,957657	5314
006071	CLOCK REQUEST @ FINDCDUM	T1=06675	SECONDS RUNNING	26970,976531	6925
073473	CLOCK REQUEST @ P6304SP*	T1=06677	SECONDS RUNNING	26970,941697	3974
073476	CLOCK REQUEST @ ENDLJCB	T1=06661	SECONDS RUNNING	26970,713894	4246
063073	CLOCK REQUEST @ LRALT	T1=06717	SECONDS RUNNING	26970,671859	1247

2

3

3"

2"

1"

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-H	CDUX	PRATE	ATT-X	DPPX	DCY	THRUST	CS	APOLU
LANDING	(STABLE MEMBER	COORDS)	FCRVEL	LCNG	PITCH	BALL-P	CDUY	QRATE	ATT-Y	DPPY	DGY	DELTA V	DPS	APOLU	
	METRIC	UNITS	ALTRATE	ALT	RCLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	DGZ	MASS	APS	PERILU	
369330.7	1731113	182.8	0.00	-192.1	1.03	-1.22	35.03	-2.21	0.00	-0.76	1	0	9813	528.9	7.47
102:35:31	6259	-5.3	-0.04	4349.3	32.18	172.29	91.63	91.67	0.11	-0.00	-8	0	1222	13757	-518.54
LANDING	-255127	1309.6	-3.26	-33.1	45154	-2.04	2.21	-0.96	0.01	0.13	-652		29451	518.9	
107441	CLCCK	REQUEST	@	READACCS					T1=	6724		SECONDS	RUNNING	369330.761238	3887
076206	CLCCK	REQUEST	@	SERVICER					T1=	6725		SECONDS	RUNNING	369330.776581	5196
063150	CLCCK	REQUEST	@	RADAREAD					T1=	6731		SECONDS	RUNNING	369330.816118	8561
006071	CLCCK	REQUEST	@	MUNGRAV					T1=	6742		SECONDS	RUNNING	369330.917335	7207
DISPLAYS =	63	16	08		+014.8	-7X1.8	+99999					RELEASE	DISPLAY	369331.01007	
006071	CLCCK	REQUEST	@	MUNGRAV					T1=	6777		SECONDS	RUNNING	369331.193088	7738
073121	CLCCK	REQUEST	@	QUADGUID					T1=	7171		SECONDS	RUNNING	369331.671559	3115
072216	CLCCK	REQUEST	@	THRCTL					T1=	7141		SECONDS	RUNNING	369332.166284	3785
006071	CLCCK	REQUEST	@	FINDCDUW					T1=	7141		SECONDS	RUNNING	369332.176114	4622
073473	CLCCK	REQUEST	@	P63DISPS					T1=	7210		SECONDS	RUNNING	369332.488447	1274
073476	CLCCK	REQUEST	@	ENCLLJOB					T1=	7211		SECONDS	RUNNING	369332.491638	1547
063073	CLCCK	REQUEST	@	LRAIT					T1=	7227		SECONDS	RUNNING	369332.718591	0914
369332.7	1731475	179.6	0.12	-192.1	1.03	-1.20	35.05	-2.21	0.00	-0.76	4	1	9813	528.9	7.46
102:35:33	6234	-5.4	-0.03	428.1	32.09	172.12	91.38	91.41	0.13	-0.01	-7	-2	1244	13.92	-514.58
LANDING	-252523	1309.5	-3.27	-33.9	45087	-2.05	2.21	-0.94	0.02	0.21	-654	3	29386	518.9	
107441	CLCCK	REQUEST	@	READACCS					T1=	7234		SECONDS	RUNNING	369332.761141	4553
076206	CLCCK	REQUEST	@	SERVICER					T1=	7235		SECONDS	RUNNING	369332.776335	5843
063150	CLCCK	REQUEST	@	RADAREAD					T1=	7241		SECONDS	RUNNING	369332.814383	9121
006071	CLCCK	REQUEST	@	MUNGRAV					T1=	7251		SECONDS	RUNNING	369332.883167	4953
006071	CLCCK	REQUEST	@	MUNGRAV					T1=	7263		SECONDS	RUNNING	369332.995881	4576
DISPLAYS =	63	16	08		+013.93	-7X1.6	+99999					RELEASE	DISPLAY	369333.001025	
073121	CLCCK	REQUEST	@	QUADGUID					T1=	7277		SECONDS	RUNNING	369333.665482	3422
072216	CLCCK	REQUEST	@	THRCTL					T1=	7425		SECONDS	RUNNING	369333.673686	3115

LMY99 AGC 001 NASA 2021112-061 NEW SIMULATION MARSROT 20414415 /EYLES LIPADAR 20 ENV MTEL 7/7/77 14:18 PAGE 153  
/DUPLICATE LANTIME LAST SNAP 269320

006071	CLCCK REQUEST @ FINDCDUW	T1=07426	SECONDS RUNNING	369336.04856	8969
073473	CLCCK REQUEST @ P63DISPS	T1=07500	SECONDS RUNNING	369336.017056	5950
073476	CLCCK REQUEST @ ENDDLJCB	T1=07502	SECONDS RUNNING	369336.021654	6242
063073	CLCCK REQUEST @ LRALT	T1=07537	SECONDS RUNNING	369336.718591	1591

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	DGY	THFLST	RC	APOLU
LANDING	(STABLE METRIC	MEMBER UNITS	COORDS)	FORVEL ALTRATE	LONG ALT	PITCH ROLL	BALL-P BALL-Y	CDUY CDUZ	PRATE	ATT-Y ATT-Z	DPPY DPPZ	DGY DYZ	DFLTA MASS	DPS APS	PPFLU
369334.7 102:35:35	1731831 6224	-176.5 5.5	0.03 0.04	-192.03 4366.9	1.003 32.00	-1.26 171.95	35.00 9.12	-2.25 90.16	0.00 0.11	0.76 0.00	8 8	0 0	28.4 12.5	52.09 13.22	7.45 -52.55
LANDING	-249921	1297.4	-3.27	-34.7	45019	-2.06	2.22	0.99	0.02	0.10	-655	0	29321	51.00	

107441	CLCCK REQUEST @ READACCS	T1=07544	SECONDS RUNNING	369336.761228	5219
076206	CLCCK REQUEST @ SEPVICER	T1=07545	SECONDS RUNNING	369336.777574	6614
063150	CLCCK REQUEST @ RADARFEAD	T1=07551	SECONDS RUNNING	369336.814960	9796
006071	CLCCK REQUEST @ MUNGRAV	T1=07560	SECONDS RUNNING	369336.886742	5931

DISPLAYS = 63 16 68 +01373 -07X13 +99999 RELEASE DISPLAY 269335.010023

006071	CLCCK REQUEST @ MUNGRAV	T1=07607	SECONDS RUNNING	369336.115462	5447
072121	CLCCK REQUEST @ QUACGUID	T1=07677	SECONDS RUNNING	369336.676531	3325
072216	CLCCK REQUEST @ THROTTLE	T1=07733	SECONDS RUNNING	369336.958422	738
006071	CLCCK REQUEST @ FINDCDUW	T1=07735	SECONDS RUNNING	369336.977306	8991
073473	CLCCK REQUEST @ P63DISPS	T1=10741	SECONDS RUNNING	369336.041985	5911
073476	CLCCK REQUEST @ ENDDLJOB	T1=10741	SECONDS RUNNING	369336.413048	6174
063073	CLCCK REQUEST @ LRALT	T1=10047	SECONDS RUNNING	369336.718591	2247

369336.7 102:35:37	1732181 6213	173.4 5.6	0.04 0.04	-192.04 4285.7	1.002 31.92	-1.21 171.82	35.06 8.91	-2.24 89.94	0.00 0.8	0.76 0.00	9 9	0 0	28.4 11.4	52.09 13.50	7.44 -52.64
LANDING	-247332	1291.3	-3.28	-35.5	44548	-2.07	2.23	1.04	0.11	0.10	-656	0	29257	51.00	

107441	CLCCK REQUEST @ READACCS	T1=10754	SECONDS RUNNING	369336.761269	5800
076206	CLCCK REQUEST @ SEPVICER	T1=10755	SECONDS RUNNING	369336.776009	7147
063150	CLCCK REQUEST @ RADARFEAD	T1=10761	SECONDS RUNNING	369336.814215	9432

006071 CLCCK REQUEST @ MUNGRAV T1=10070 SECONDS RUNNING 369336.095391 6456

LMY99 AGC 001 NASA 2021112-061 NEW SIMULATCN MARSFCT 20414415 /EYLES LRRADAR2, ENVCONTP1 07/23/69 14:43 PAGE 194  
/DUPLICATE LANDING LAST SNAP 369300

006071 CLCCK REQUEST @ MUNGRAV T1=10113 SECONDS RUNNING 369336.095391 5868  
DISPLAYS = 63 16 68 +1365 -07X11 +99999 RELEASE DISPLAY 369337.0003  
073121 CLCCK REQUEST @ QUACGUID T1=10217 SECONDS RUNNING 369337.074835 3847  
072216 CLCCK REQUEST @ THRATTLE T1=10240 SECONDS RUNNING 369337.023751 5089  
006071 CLCCK REQUEST @ FINDCDUW T1=10245 SECONDS RUNNING 369337.074122 9386  
073473 CLCCK REQUEST @ P63DISPS T1=10321 SECONDS RUNNING 369338.010199 6658  
073476 CLCCK REQUEST @ ENLLJCB T1=10321 SECONDS RUNNING 369338.014197 6931  
063073 CLCCK REQUEST @ LRLAT T1=10357 SECONDS RUNNING 369338.0718591 2914

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DppX	DGX	THRUST	RCS	APOLU
LANDING	(STABLE MEMBER METRIC UNITS)	COORDS)	FCRVEL	LCNG	PITCH	BALL-P	CDUY	ORATE	ATT-Y	DPPY	DGY	DELTA V	OPS	PERILU	
			ALTRATE	ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	DGZ	MASS	APS		
369338.7	1732525	17.04	0.06	-192.5	1.03	-1.30	358.97	-2.25	-0.00	-0.76	12	0	9805	528.6	7.43
102:35:39	6293	-5.7	-0.04	426.4	31.83	171.79	89.71	89.73	-0.09	-0.00	9	0	1308	13498	-532.27
LANDING	-244755	1285.2	-3.29	-36.2	44877	-2.08	2.24	-1.03	-0.00	0.10	-658	0	29192	5186	

107441 CLCCK REQUEST @ READACCS T1=10364 SECONDS RUNNING 369338.071243 6554  
076206 CLCCK REQUEST @ SERVICER T1=10265 SECONDS RUNNING 369338.0776135 7924  
063150 CLCCK REQUEST @ RADAREAD T1=10371 SECONDS RUNNING 369338.0814878 1130  
006071 CLCCK REQUEST @ MUNGRAV T1=10400 SECONDS RUNNING 369338.083304 6971  
006071 CLCCK REQUEST @ MUNGRAV T1=10413 SECONDS RUNNING 369338.090741 6590  
DISPLAYS = 63 16 68 +1351 -07X08 +99999 RELEASE DISPLAY 369339.00022  
073121 CLCCK REQUEST @ QUACGUID T1=10517 SECONDS RUNNING 369339.074958 4524  
072216 CLCCK REQUEST @ THRATTLE T1=10550 SECONDS RUNNING 369339.024183 5780  
006071 CLCCK REQUEST @ FINDCDUW T1=10555 SECONDS RUNNING 369339.074798 1111  
073473 CLCCK REQUEST @ P63DISPS T1=10630 SECONDS RUNNING 369340.010807 7146  
073476 CLCCK REQUEST @ ENLLJCB T1=10631 SECONDS RUNNING 369340.0142005 7419  
063073 CLCCK REQUEST @ LRLAT T1=10667 SECONDS RUNNING 369340.0718592 2591

369340.7	1732863	167.0	0.07	-192.5	1.03	-1.34	358.94	-2.25	-0.01	-0.76	15	0	9805	528.6	7.43
102:35:41	6192	-5.0	-0.14	424.3	31.75	171.59	89.51	89.54	-0.10	-0.00	8	0	1200	13434	-536.07
LANDING	-242190	1279.1	-3.37	-37.0	44813	-2.09	2.25	-1.05	-0.03	0.10	-659	0	2918	5180	

073476 CLCCK REQUEST @ ENDLLJCR

T1=1.631

SECONDS RUNNING

16412.05

741.0

063073 CLCCK REQUEST @ LRLAT

T1=1.667

SECONDS RUNNING

16716.54

759.0

369340.7	1732863	167.3	0.7	- 192.5	1.3	- 1.14	352.5	- 2.25	0.0	- 0.76	1.5	31.5	511.5	7.05
102:35:41	6192	- 5.8	- 1.14	4243.0	31.75	171.59	89.5	99.54	1.19	- 1.07	- 1.0	14.8	138.24	-538.3
LANDING	- 24219	1279.1	- 3.30	- 27.0	44813	- 2.09	2.25	- 1.65	- 0.03	0.0	- 659	291.0	51.86	

107441	CLOCK REQUEST @ READACCS	T1=1074	SECONDS RUNNING	369341.761327	7227
076206	CLOCK REQUEST @ SERVICER	T1=10675	SECONDS RUNNING	369341.777321	8643
063150	CLOCK REQUEST @ RADAREAD	T1=10701	SECONDS RUNNING	369341.814868	1796
006071	CLOCK REQUEST @ MUNGRAV	T1=11171	SECONDS RUNNING	369341.887649	8017
DISPLAYS =	63 16 68 +01337 -07X06 +99999		RELEASE DISPLAY		369341.000006
006071	CLOCK REQUEST @ MUNGRAV	T1=11737	SECONDS RUNNING	369341.91567	7459
073121	CLOCK REQUEST @ QUADGUID	T1=11127	SECONDS RUNNING	369341.973249	5045
072216	CLOCK REQUEST @ THRATTLE	T1=11161	SECONDS RUNNING	369341.921817	6256
006071	CLOCK REQUEST @ FINDCOUN	T1=11055	SECONDS RUNNING	369341.972183	631
073473	CLOCK REQUEST @ P6DISRS	T1=11149	SECONDS RUNNING	369342.004880	7477
073476	CLOCK REQUEST @ ENLLJOB	T1=1114	SECONDS RUNNING	369342.01876	7751
063073	CLOCK REQUEST @ LRLAT	T1=11177	SECONDS RUNNING	369342.0718592	4247

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	RRATE	ATT-X	DRPX	DGX	THRUST	RCS	ARC LIJ
LANDING	(STABLE MEMBR	COORDS)	FOFVEL	LCNG	RITCH	BALL-P	CDUY	RRATE	ATT-Y	DRRY	DGY	DELTA V	DRS	PER ILU	
	METRIC	UNITS	ALTRATE	ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	DGZ	MASS	APS		
369342.7	1733195	164.3	2.18	-192.5	1.42	-1.27	35.01	-2.26	0.0	-0.76	17	38.6	528.0	7.41	
102:35:43	6181	-5.9	-0.14	4221.7	31.66	171.45	89.28	89.31	-0.11	0	1	1351	13.69	-543.72	
LANDING	-239637	1272.9	-3.33	-37.9	44728	-2.17	2.26	-1.98	0.09	0.0	-661	28.63	51.80		

107441	CLOCK REQUEST @ READACCS	T1=11214	SECONDS RUNNING	369342.071232	7856
076206	CLOCK REQUEST @ SERVICER	T1=11205	SECONDS RUNNING	369342.077591	9138
063150	CLOCK REQUEST @ RADAREAD	T1=11211	SECONDS RUNNING	369342.0914382	2464
006071	CLOCK REQUEST @ MUNGRAV	T1=11227	SECONDS RUNNING	369342.185398	8481
006071	CLOCK REQUEST @ MUNGRAV	T1=11233	SECONDS RUNNING	369342.095354	7864
DISPLAYS =	63 16 68 +1323 -7X13 +99999		RELEASE DISPLAY		369342.000034
073121	CLOCK REQUEST @ QUADGUID	T1=11337	SECONDS RUNNING	369342.071829	5035
072216	CLOCK REQUEST @ THRATTLE	T1=11367	SECONDS RUNNING	369342.0917690	6571
006071	CLOCK REQUEST @ FINDCOUN	T1=11375	SECONDS RUNNING	369342.097335	1143
073473	CLOCK REQUEST @ P6DISRS	T1=1145	SECONDS RUNNING	369342.014621	8127
073476	CLOCK REQUEST @ ENLLJOB	T1=11450	SECONDS RUNNING	369342.017815	8395

073476 CLCK REQUEST @ ENLLJOB T1=11451 SECONDS RUNNING 369346718592 6914

LMY99 AGC 01 NASA 2021112-061 NEW SIMULATION MARSRT 20414415 /EYLES IRADAR2, FVCO, 7/7/76 14:42 PAGE 196  
/MUNGRAV LANDING LIST SNAP 369300

063073 CLCK REQUEST @ LRLAT T1=11507 SECONDS RUNNING 369346718592 6914

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVFL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	DGX	THELST	RCS	APOLU
LANDING	(STABLE MEMBER METRIC	COORDS	COORDS	FCRVEL	LONG	PITCH	BALL-P	CDUY	QRATE	ATT-Y	DPPY	DGY	DFTAV	DES	PERILU
	UNITS		ALTRATE		ALT	ROLL	BALL-Y	CDU7	RKATF	ATT-Z	DPPZ	DGZ	MASS	APS	
369344.7	1733521	161.3	0.09	-192.4	1.02	-1.23	359.06	-2.27	-0.00	-0.87	-19		98.7	528.9	7.4
102:35:45	6170	0.1	0.13	421.3	31.58	171.35	89.13	89.14	-0.00	-0.00	-8		1272	132.5	-549.36
LANDING	-237.97	126.07	-3.31	-38.7	446.52	-2.10	2.26	-0.94	-0.07	0.00	-662		28598	51.9	

107441 CLCK REQUEST @ READACCS T1=11514 SECONDS RUNNING 369346761233 6553

076206 CLCK REQUEST @ SFRVICFR T1=11515 SECONDS RUNNING 369346776194 9820

063150 CLCK REQUEST @ RADARFAD T1=11521 SECONDS RUNNING 369346814858 3129

006071 CLCK REQUEST @ MUNGRAV T1=11530 SECONDS RUNNING 369346883126 8954

006071 CLCK REQUEST @ MUNGRAV T1=11543 SECONDS RUNNING 369346995764 8556

DISPLAYS = 63 16 68 +1379 -17X01 +99999 RELEASE DISPLAY 369346711705

073121 CLCK REQUEST @ QUACGUID T1=11647 SECONDS RUNNING 369346672951 6353

072216 CLCK REQUEST @ THROTTLE T1=11677 SECONDS RUNNING 369346919481 7301

006071 CLCK REQUEST @ FINDCOW T1=11705 SECONDS RUNNING 369346970780 1767

073473 CLCK REQUEST @ P63DISPS T1=11761 SECONDS RUNNING 369346941191 9264

073476 CLCK REQUEST @ ENLLJOB T1=11761 SECONDS RUNNING 3693469413389 9537

063073 CLCK REQUEST @ LRLAT T1=12017 SECONDS RUNNING 369346718592 6581

369346.7	1733847	158.3	0.10	-192.5	1.02	-1.29	359.01	-2.28	-0.00	-0.87	-22		98.7	528.9	7.36
102:35:47	6158	0.1	0.14	417.8	31.50	171.21	38.87	88.91	-0.12	-0.00	-8		1294	132.4	-554.92
LANDING	-234.56	126.05	-3.32	-39.5	445.73	-2.12	2.27	-0.98	-0.00	0.00	-664		28934	51.89	

107441 CLCK REQUEST @ READACCS T1=12024 SECONDS RUNNING 369346761274 6222

076206 CLCK REQUEST @ SFRVICFR T1=12025 SECONDS RUNNING 369346778047 1654

063150 CLCK REQUEST @ RADARFAD T1=12031 SECONDS RUNNING 369346814899 2799

006071 CLCK REQUEST @ MUNGRAV T1=12040 SECONDS RUNNING 369346887079 8958

DISPLAYS = 63 16 68 +11296 -16X58 +99999 RELEASE DISPLAY 369346700005

006071 CLCK REQUEST @ MUNGRAV T1=12067 SECONDS RUNNING 3693467115481 9447

LMY99	AGC	001	NASA 2021112- 01 NEW SIMULATION	MARSROT 20414415 /EYLES	LRRADAPP.ENVNCTPL 7/23/69 14:43	PAGE 197
					/DUPLICATE LANDING	LAST SNAP 369300
072216			CLCCK REQUEST @ THROTTLE	T1=12207	SECONDS RUNNING	369347.918619 7983
006071			CLCCK REQUEST @ FINECDUW	T1=12215	SECONDS RUNNING	369347.971269 2476
073473			CLCCK REQUEST @ P63DISPS	T1=12267	SECONDS RUNNING	369348.399182 8991
073476			CLCCK REQUEST @ ENDLLJOB	T1=12270	SECONDS RUNNING	369348.413341 9346
063073			CLCCK REQUEST @ LRALT	T1=12227	SECONDS RUNNING	369348.718592 6247

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	EALL-R	CDUX	PRATE	ATT-X	DPPX	DGX	TRFLST	RCS	ApDLU
LANDING	(STABLE MEMBER	COORDS)	FURVEL	LAT	PITCH	BALL-P	CDUY	QRATE	ATT-Y	DPPY	DGY	DEF TAV	OPS	PER ILU	
	METRIC UNITS	ALTRATE	ALT	ROLL	BALL-Y	CDUZ	PRATE	ATT-Z	DPPZ	DGZ	MASS	APS			
369348.7	1734154	155.4	.12	- 192.5	1.02	- 1.24	359.06	- 2.28	- 0.00	- 0.87	24	0	98.8	528.9	7.37
102:35:49	6147	- 0.2	- 0.3	4157.3	31.41	171.04	88.63	88.65	- 0.14	- 0.00	0	0	1415	1317.0	-56.42
LANDING	- 232054	1254.3	- 3.32	- 40.3	44493	- 2.13	2.28	- 0.93	- 0.00	0.00	- 6.65		28869	51.85	

107441			CLCCK REQUEST @ READACCS	T1=12334	SECONDS RUNNING	369348.761221 0885
076206			CLCCK REQUEST @ SERVICER	T1=12335	SECONDS RUNNING	369348.776169 1161
063150			CLCCK REQUEST @ RACARFAC	T1=12341	SECONDS RUNNING	369348.914876 4464
006071			CLCCK REQUEST @ MUNGRAV	T1=12350	SECONDS RUNNING	369348.865179 4663
006071			CLCCK REQUEST @ MUNGRAV	T1=12363	SECONDS RUNNING	369348.955679 9892

DISPLAYS = 63 16 68 +01282 -06X56 +99999 RELEASE DISPLAY 369349.00003

073121			CLCCK REQUEST @ QUAGUID	T1=12467	SECONDS RUNNING	369349.672610 7657
072216			CLCCK REQUEST @ THROTTLE	T1=12520	SECONDS RUNNING	369349.921269 8876
006071			CLCCK REQUEST @ FINECDUW	T1=12525	SECONDS RUNNING	369349.972141 3217

SNAPSHCT 369350 SECONDS RUNNING 369350.000061

LMY99	AGC	001	NASA 2021112- 01 NEW SIMULATION	MARSROT 20414415 /EYLES	LRRADAPP.ENVNCTPL 7/23/69 14:43	PAGE 198
					/DUPLICATE LANDING	LAST SNAP 369350

073473 CLCCK REQUEST @ P63DISPS T1=12267 SECONDS RUNNING 369348.399182 8991



073473	CLCK REQUEST @ P63DISPS	T1=12600	SECONDS RUNNING	369351.0474321	369
073476	CLCK REQUEST @ ENDLJCB	T1=12600	SECONDS RUNNING	369351.0477519	369
063073	CLCK REQUEST @ LRALT	T1=12637	SECONDS RUNNING	369351.0718592	404

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NM, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-P	CDUX	RRATE	ATT-X	DPRX	DCY	THRUST	RCS	APOLU
LANDING	(STABLE MEMBER METRIC UNITS)	MEMBER UNITS	COORDS)	FCRVFL ALTRATE	LENG ALT	PITCH RCLL	BALL-R BALL-Y	CDUY CDUZ	QRATE RRATE	ATT-Y ATT-Z	DPRY DPRZ	DCZ	DELTA V MASS	DPS APS	PERILU
369350.7	1734462	152.5	0.13	152.5	1.02	1.26	350.04	2.29	0.00	0.87	27	1	0918	528.9	7.36
102:35:51	6135	6.3	1.4	4135.8	31.33	171.91	88.41	88.45	0.10	0.00	8	1	1427	13111	-565.45
LANDING	- 229551	1248.0	- 3.33	- 41.2	44412	- 2.14	2.20	- 0.95	0.01	0.00	- 666	1	288.4	51.80	

107441	CLCK REQUEST @ READACCS	T1=12644	SECONDS RUNNING	369351.0761205	553
076206	CLCK REQUEST @ SERVICER	T1=12645	SECONDS RUNNING	369351.0775464	1773
063150	CLCK REQUEST @ RADARFAC	T1=12651	SECONDS RUNNING	369351.0814933	5135
06071	CLCK REQUEST @ MUNGRAV	T1=12660	SECONDS RUNNING	369351.082521	093
006071	CLCK REQUEST @ MUNGRAV	T1=12673	SECONDS RUNNING	369351.096161	514

DISPLAYS = 63 16 68 +11258 -06X5<sup>3</sup> +99999 RELEASE DISPLAY 369351.000000

073121	CLCK REQUEST @ OUBGUID	T1=12777	SECONDS RUNNING	369351.072640	8333
072216	CLCK REQUEST @ THRITTLE	T1=13027	SECONDS RUNNING	369351.0910581	9398
006071	CLCK REQUEST @ FINDCDLW	T1=13035	SECONDS RUNNING	369351.0971303	2812
073473	CLCK REQUEST @ P63DISPS	T1=13110	SECONDS RUNNING	369352.03365	0681
073476	CLCK REQUEST @ ENDLJCB	T1=13110	SECONDS RUNNING	369352.0416564	1954
063073	CLCK REQUEST @ LRALT	T1=13147	SECONDS RUNNING	369351.0718592	7583

369352.7	1734765	140.6	1.4	152.2	1.01	1.25	350.00	2.30	0.00	1.87	2	1	0919	521.0	7.35
102:35:53	6123	6.4	1.3	4114.2	31.25	171.81	88.22	88.26	0.11	0.00	8	1	1429	13146	-571.23
LANDING	- 227067	1241.0	- 3.34	- 42.0	44229	- 2.14	2.29	- 0.91	0.01	0.00	- 668	1	287.0	51.80	

107441	CLCK REQUEST @ READACCS	T1=13154	SECONDS RUNNING	369352.061318	1227
076206	CLCK REQUEST @ SERVICER	T1=13155	SECONDS RUNNING	369352.0777928	2644
063150	CLCK REQUEST @ RADARFAC	T1=13161	SECONDS RUNNING	369352.0814933	5135

006071

CLOCK REQUEST : MUNGRAV

T1=1.3170

SECONDS RUNNING

369352.887643

2076

DISPLAYS =

64 16 68

+01255 -06x51 +99999

RELEASE DISPLAY

369353.000016

006071	CLCCK REQUEST @ MUNGRAV	T1=13217	SECONDS RUNNING	369353.115398	1442
073121	CLCCK REQUEST @ QUADGUID	T1=1337	SECONDS RUNNING	369353.673637	9978
072216	CLCCK REQUEST @ THROTTLE	T1=13243	SECONDS RUNNING	369353.921991	5271
006071	CLCCK REQUEST @ FINCCDUW	T1=13345	SECONDS RUNNING	369353.073101	4632
073473	CLCCK REQUEST @ P63DISPS	T1=13427	SECONDS RUNNING	369354.406414	168
073476	CLCCK REQUEST @ ENCLLJCB	T1=13427	SECONDS RUNNING	369354.409613	1881
063073	CLCCK REQUEST @ LRALT	T1=13457	SECONDS RUNNING	369354.718593	9247

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	DGX	THRUST	RCS	APOLU
LANDING	(STABLE	MEMBER	COURS)	FCPVEL	LONG	PITCH	BALL-P	CDUY	ORATE	ATT-Y	DPPY	DCY	DELTA V	DPS	PEPILU
	METRIC	UNITS		ALTRATE	ALT	ROLL	BALL-Y	CDU7	RRATE	ATT-Z	DPPZ	DGZ	MASS	APS	
369354.7	1735051	146.7	0.16	-192.2	1.01	-1.13	355.18	-2.31	-0.00	-0.87	32	0	98.0	528.0	7.34
102:35:55	6111	0.5	0.13	4.92	31.17	170.64	37.98	98.2	0.11	0.00	7	0	14.9	12981	-576.54
LANDING	-224583	1235.5	3.35	42.9	44244	-2.15	2.31	0.81	0.11	0.00	67	0	28675	5180	

107441	CLCCK REQUEST @ READACCS	T1=13464	SECONDS RUNNING	369354.761208	1384
076206	CLCCK REQUEST @ SERVICER	T1=13465	SECONDS RUNNING	369354.775622	3114
063150	CLCCK REQUEST @ RADAREAD	T1=13471	SECONDS RUNNING	369354.814866	4463
006071	CLCCK REQUEST @ MUNGRAV	T1=13500	SECONDS RUNNING	369354.884362	2303
006071	CLCCK REQUEST @ MUNGRAV	T1=13512	SECONDS RUNNING	369354.989363	1353

DISPLAYS = 63 16 68 +1241 -06X43 +99959 RELEASE DISPLAY 369355.0129

073121	CLCCK REQUEST @ QUADGUID	T1=13617	SECONDS RUNNING	369355.671342	9549
072216	CLCCK REQUEST @ THROTTLE	T1=13647	SECONDS RUNNING	369355.918975	3681
006071	CLCCK REQUEST @ FINCCDUW	T1=13655	SECONDS RUNNING	369355.970668	5091
073473	CLCCK REQUEST @ P63DISPS	T1=13730	SECONDS RUNNING	369356.403881	109
073476	CLCCK REQUEST @ ENCLLJCB	T1=13731	SECONDS RUNNING	369356.40628	2263
063073	CLCCK REQUEST @ LRALT	T1=13767	SECONDS RUNNING	369356.718593	9074

369356.7	1735352	143.9	0.17	-191.4	1.01	-1.07	355.25	-2.31	-0.00	-0.87	35	0	98.1	528.0	7.32
102:35:57	6199	0.5	0.12	4.71	31.08	170.55	37.81	97.84	0.07	0.00	6	0	15.2	12917	-581.79
LANDING	-222117	1229.2	3.35	43.7	44157	-2.16	2.31	0.74	0.03	0.00	67	0	2861	5189	

107441	CLCCK REQUEST @ READACCS	T1=13774	SECONDS RUNNING	369356.761208	2584
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LMY99	AGC	01	NASA 2021112-161 NEW SIMULATION	MARSRTD 20414415 /EYLES	LPRADAR2.ENVCNT+L 07/23/69	14:43	PAGE	200	
					/DUPLICATE	LANDING	LAST	SNAP	00350
076206	CLCCK	REQUEST	@	SERVICER	T1=13775	SECONDS	RUNNING	369256.776228	3832
063150	CLCCK	REQUEST	@	RADAREAD	T1=14001	SECONDS	RUNNING	369256.814871	7130
006071	CLCCK	REQUEST	@	MUNGRAV	T1=14010	SECONDS	RUNNING	369256.882900	2935
006071	CLCCK	REQUEST	@	MUNGRAV	T1=14022	SECONDS	RUNNING	369256.989842	2061
DISPLAYS =	63	16	68	+01228 - 6X40 +99999	RELEASE DISPLAY				369350.000028
073121	CLCCK	REQUEST	@	QUADGUID	T1=14127	SECONDS	RUNNING	369257.671260	1120
072216	CLCCK	REQUEST	@	THRCTLLE	T1=14157	SECONDS	RUNNING	369257.917617	1230
006071	CLCCK	REQUEST	@	FINDCDUW	T1=14164	SECONDS	RUNNING	369257.909915	5604
073473	CLCCK	REQUEST	@	P63DISPS	T1=14240	SECONDS	RUNNING	369258.411123	2482
073476	CLCCK	REQUEST	@	ENDLLJCB	T1=14240	SECONDS	RUNNING	369258.414222	2754
063073	CLCCK	REQUEST	@	LRLALT	T1=14277	SECONDS	RUNNING	369258.718593	9581

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	DGX	THRUST	PCS	APOLI
LANDING	(STABLE MEMBER METRIC)	(COORDS)	(FCRVEL)	(ALTRATE)	(LNG)	(PITCH)	(BALL-Y)	(CDUY)	(QRATE)	(ATT-Y)	(DPPY)	(DGY)	(DELTAV)	(DPS)	(PERILU)
369350.7	1735637	141.01	0.17	-191.6	1.01	-1.10	355.22	-2.31	-0.00	-0.87	37		9811	528.0	7.31
102:35:59	61.87	-6.6	-1.13	4045.3	31.00	170.56	87.74	87.78	0.04	-0.10	-5		1524	12852	-566.99
LANDING	-219665	1222.9	-3.36	-44.5	44069	-2.17	2.21	-0.76	-0.02	0.00	-672		28546	5190	

107441	CLCCK	REQUEST	@	READACCS	T1=14314	SECONDS	RUNNING	369258.761251	3011
076206	CLCCK	REQUEST	@	SERVICER	T1=14315	SECONDS	RUNNING	369258.77664	4534
063150	CLCCK	REQUEST	@	RADAREAD	T1=14311	SECONDS	RUNNING	369258.814884	7798
006071	CLCCK	REQUEST	@	MUNGRAV	T1=14321	SECONDS	RUNNING	369258.885756	2845
006071	CLCCK	REQUEST	@	MUNGRAV	T1=14333	SECONDS	RUNNING	369258.986333	3256
DISPLAYS =	63	16	68	+01214 - 06X44 +99999	RELEASE DISPLAY				369250.000014
073121	CLCCK	REQUEST	@	QUADGUID	T1=14437	SECONDS	RUNNING	369259.671175	1805
072216	CLCCK	REQUEST	@	THRCTLLE	T1=14467	SECONDS	RUNNING	369259.917726	1917
006071	CLCCK	REQUEST	@	FINDCDUW	T1=14475	SECONDS	RUNNING	369259.909915	6404
073473	CLCCK	REQUEST	@	P63DISPS	T1=14550	SECONDS	RUNNING	369258.412485	3273
073476	CLCCK	REQUEST	@	ENDLLJCB	T1=14550	SECONDS	RUNNING	369258.414222	3546
063073	CLCCK	REQUEST	@	LRLALT	T1=14617	SECONDS	RUNNING	369258.718594	249

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	DGX	THRUST	PCS	AROLU
LANDING	(STABLE MEMBER	COUPOSI	FORVEL	LCNG	PITCH	BALL-P	CDUY	QPATE	ATT-Y	DPPY	DGY	REL TAV	SPS	PERILU	
	METRIC UNITS		ALTRATE	ALT	ROLL	BALL-Y	CDUZ	QPATE	ATT-Z	OPRZ	DGZ	MASS	APS		
369360.7	1735916	138.2	1.18	-191.3	1.01	-1.13	35.2	-2.32	0.00	-0.87	36	0	9911	528.0	7.3
102:36: 1	6074	6.7	0.13	4.27	3.92	170.56	87.66	87.66	0.14	0.16	6	0	1546	12787	-592.12
LANDING	-217225	121.5	-3.37	-45.5	44979	-2.17	2.32	-0.79	0.00	0.00	-674	0	23481	5180	
107441	CLCCK REQUEST @ RFACACCS						T1=14614		SECONDS RUNNING		369361.761239		3887		
076206	CLCCK REQUEST @ SERVICER						T1=14615		SECONDS RUNNING		369361.77680		5153		
063150	CLCCK REQUEST @ RADAREAD						T1=14621		SECONDS RUNNING		369361.814875		9444		
006071	CLCCK REQUEST @ MUNGPAV						T1=14630		SECONDS RUNNING		369361.865174		4462		
006071	CLCCK REQUEST @ MUNGPAV						T1=14643		SECONDS RUNNING		369361.905828		3915		
DISRLAYS =	63	16	68	+12.1	-06X41	+99999	RELEASE DISPLAY					369361.900002			
073121	CLCCK REQUEST @ QUADCUID						T1=14747		SECONDS RUNNING		369361.674195		1792		
072216	CLCCK REQUEST @ THROTTLE						T1=15.00		SECONDS RUNNING		369361.622030		2941		
006071	CLCCK REQUEST @ FINDCDUX						T1=15.05		SECONDS RUNNING		369361.972174		722		
073473	CLCCK REQUEST @ P63DISPS						T1=15.60		SECONDS RUNNING		369362.49154		4512		
073476	CLCCK REQUEST @ ENDLLJCH						T1=15.61		SECONDS RUNNING		369362.412393		4785		
063073	CLCCK REQUEST @ LRALT						T1=15117		SECONDS RUNNING		369362.718594		0914		
369362.7	1736150	135.4	1.20	-191.3	1.01	-1.14	25.20	-2.24	0.00	-0.87	40	0	9912	528.0	7.28
102:36: 3	6062	6.8	0.13	4.15	3.84	170.31	87.33	87.36	0.15	0.15	6	0	1568	12723	-597.19
LANDING	-214797	121.2	-3.37	-46.4	43887	-2.18	2.33	-0.79	0.01	0.00	-675	0	24416	5180	
107441	CLCCK REQUEST @ REAFACCS						T1=15124		SECONDS RUNNING		369362.761212		4551		
076206	CLCCK REQUEST @ SERVICER						T1=15125		SECONDS RUNNING		369362.776297		9339		
063150	CLCCK REQUEST @ RADAREAD						T1=15131		SECONDS RUNNING		369362.814859		9129		
006071	CLCCK REQUEST @ MUNGPAV						T1=15140		SECONDS RUNNING		369362.882474		4894		
006071	CLCCK REQUEST @ MUNGPAV						T1=15152		SECONDS RUNNING		369362.96885		4592		
DISRLAYS =	63	16	68	+11.5	-16X39	+99999	RELEASE DISPLAY					369361.900011			



076208	CLOCK REQUEST @ SERVICER	T1=14743	SECONDS RUNNING	369366.813897	7142
063150	CLOCK REQUEST @ RADARFAR	T1=14751	SECONDS RUNNING	369366.813897	465
006071	CLOCK REQUEST @ MUNGRAV	T1=1476	SECONDS RUNNING	369366.813898	6172

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/DUPLICATE LANDING LAST SNAP 369350

006071	CLOCK REQUEST @ MUNGRAV	T1=15773	SECONDS RUNNING	369366.895784	591
DISPLAYS =	63 10 08 +1162 -06X34 +99999		RELEASE DISPLAY		369367.00026
073121	CLOCK REQUEST @ QUADGUID	T1=16111	SECONDS RUNNING	369367.083772	460
072216	CLOCK REQUEST @ THROTTLE	T1=16135	SECONDS RUNNING	369367.970626	5088
006071	CLOCK REQUEST @ FINDCDUW	T1=16136	SECONDS RUNNING	369367.985345	344
073473	CLOCK REQUEST @ P63DISPS	T1=16211	SECONDS RUNNING	369368.413170	6843
073476	CLOCK REQUEST @ ENDLJCB	T1=16211	SECONDS RUNNING	369368.416269	7116
063073	CLOCK REQUEST @ LRLAT	T1=16247	SECONDS RUNNING	369368.718594	2914

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMT, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-P	CDUX	PRATE	ATT-X	DPPX	DCY	THRUST	KCS	APDU
LANDING	(STABLE MEMBER COORDS)			FORVEL	LONG	PITCH	BALL-P	CDUY	QRATE	ATT-Y	DPPY	DGY	DELTA V	DPS	PER ILU
	METRIC UNITS			ALTRATE	ALT	RCLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	DGZ	MASS	APS	
369368.7	173678	127.2	0.24	191.6	1.00	1.10	35.25	2.35	0.00	0.87	48	0	9814	526.6	7.24
102:36:5	6007	7.0	0.12	394.2	2.06	169.87	86.65	86.68	0.09	0.00	6	0	1634	1262.9	612.08
LANDING	- 207596	1191.0	- 3.41	- 49.1	43601	- 2.21	2.35	- 1.74	- 0.00	0.00	- 680	0	28222	5140	

107441	CLOCK REQUEST @ HEADACCS	T1=16254	SECONDS RUNNING	369369.761215	4551
076206	CLOCK REQUEST @ SERVICER	T1=16255	SECONDS RUNNING	369369.775728	779
063150	CLOCK REQUEST @ PADAREAD	T1=16261	SECONDS RUNNING	369369.814883	1131
006071	CLOCK REQUEST @ MUNGRAV	T1=16271	SECONDS RUNNING	369369.881917	685
006071	CLOCK REQUEST @ MUNGRAV	T1=16302	SECONDS RUNNING	369369.989523	6133
DISPLAYS =	63 16 08 +01149 -06X31 +99999		RELEASE DISPLAY		369369.99013
073121	CLOCK REQUEST @ QUADGUID	T1=16407	SECONDS RUNNING	369369.674856	4515
072216	CLOCK REQUEST @ THROTTLE	T1=16440	SECONDS RUNNING	369370.922581	5654
006071	CLOCK REQUEST @ FINDCDUW	T1=16445	SECONDS RUNNING	369369.973457	9962
073473	CLOCK REQUEST @ P63DISPS	T1=16520	SECONDS RUNNING	369371.011559	6864
073476	CLOCK REQUEST @ ENDLJCB	T1=16521	SECONDS RUNNING	369371.018778	7137
063073	CLOCK REQUEST @ LRLAT	T1=16557	SECONDS RUNNING	369371.0718595	2581

369370.7	173722	124.5	0.25	19.4	1.01	1.11	35.22	2.36	0.00	0.87	52	0	9814	526.6	7.23
102:36:11	5994	7.1	0.12	394.2	2.05	169.72	86.61	86.61	0.11	0.00	6	0	1634	1262.9	612.08

LMY99	AGC	001	NASA 2 21112-061 NEW SIMULATION			MARSROT 2 414415 /FYLES			LPPADAP20 ENVCTPL 17/27/69 14:43			PACF LAST SNAP		204 369353
107441			CLCCK REQUEST @ READACCS			T1=16564	SECONDS RUNNING			369370.761258		7222		
076206			CLCCK REQUEST @ SFRVICEP			T1=16565	SECONDS RUNNING			369370.777103		9574		
063150			CLCCK REQUEST @ RADAFAD			T1=16571	SECONDS RUNNING			369370.81486		1796		
006071			CLCCK REQUEST @ MUNGRAV			T1=16610	SECONDS RUNNING			369370.886157		7880		
006071			CLCCK REQUEST @ MUNGRAV			T1=16613	SECONDS RUNNING			369370.995494		721		
DISPLAYS =	63	16	68	+01136 -06X29 +99959			RELEASE DISPLAY			369371.00025				
073121			CLCCK REQUEST @ QUADGUID			T1=16717	SECONDS RUNNING			369371.0672689		4997		
072216			CLCCK REQUEST @ THRCTTLE			T1=16747	SECONDS RUNNING			369371.019558		6063		
006071			CLCCK REQUEST @ FINDCDUW			T1=16755	SECONDS RUNNING			369371.072950		610		
073473			CLCCK REQUEST @ P03DISPS			T1=17030	SECONDS RUNNING			369372.043053		7324		
073476			CLCCK REQUEST @ ENCLLJOB			T1=17031	SECONDS RUNNING			369372.046282		7597		
063073			CLCCK REQUEST @ LRLAT			T1=17067	SECONDS RUNNING			369372.0718595		4249		

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	P	V	A	LATVEL	LAT	YAW	BALL-R	CPUX	PRATE	ATT-X	DPPX	DPX	THRUST	PCS	APDU
LANDING	(STABLE MEMBER METRIC UNITS)	COURDS)	FORVEL	LONG	PITCH	BALL-P	CDUY	CPATT	ATT-Y	DPPY	DGY	DELTA V	DPS	PERILU	
			ALT	ALT	PCLL	BALL-Y	CDUZ	RPATE	ATT-Z	DPPZ	DGZ	MASS	APS		
369372.7	1737477	121.09	0.27	-19.01	1.000	-1.017	355.029	2.037	-0.000	-0.87	54	0	9815	52809	7.021
102:36:13	5980	-7.01	-0.72	389.03	30.45	169.59	86.22	36.24	-0.12	-0.00	-5	0	1678	17300	-621.72
LANDING	-202856	1178.01	-3.41	-50.9	43399	-2.023	2.036	-0.70	0.003	0.00	-682	0	28002	5180	

107441			CLCCK REQUEST @ READACCS			T1=17074	SECONDS RUNNING			369372.0761213		7996
076206			CLCCK REQUEST @ SERVICEP			T1=17075	SECONDS RUNNING			369372.0775988		9145
063150			CLCCK REQUEST @ RADARFAD			T1=17101	SECONDS RUNNING			369372.0814900		2466
006071			CLCCK REQUEST @ MUNGRAV			T1=17110	SECONDS RUNNING			369372.0884305		9398
006071			CLCCK REQUEST @ MUNGRAV			T1=17123	SECONDS RUNNING			369372.0904924		7428
DISPLAYS =	63	16	68	+01123 -06X27 +99999			RELEASE DISPLAY			369373.00005		
073121			CLCCK REQUEST @ QUADGUID			T1=17227	SECONDS RUNNING			369373.0673265		5713
072216			CLCCK REQUEST @ THRCTTLE			T1=17260	SECONDS RUNNING			369373.0922365		6000
006071			CLCCK REQUEST @ FINDCDUW			T1=17265	SECONDS RUNNING			369373.0972986		1289
073473			CLCCK REQUEST @ P03DISPS			T1=17340	SECONDS RUNNING			369373.0465112		8103
073476			CLCCK REQUEST @ ENCLLJOB			T1=17340	SECONDS RUNNING			369373.0468201		8426



LMY99 AGC 001 NASA 2021112-001 NEW SIMULATION MARKSHEET 2001-0415 VEYLES LRI DARZ.FMVCNTR 77 / 77 LAST SNAP 09350 /DUPLICATE LANDING LAST SNAP 09350

063073 CLCK REQUEST @ LRLAT T1=17377 SECONDS RUNNING 369374.718595 4914

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-P	CDUX	PRATE	ATT-X	DPPX	DGY	THRUST	PC5	APDU
LANDING	(STABLE METRIC	MEMBER UNITS	COORDS)	FORVEL	LONG ALT	PITCH RCLL	BALL-P BALL-Y	CDUY CDUZ	DPATE RPATE	ATT-Y	DPPY	DGY	DELTA MASS	DP5 APS	PERILU
369374.7	1737718	119.3	0.27	189.8	1.00	1.12	35.2	2.37	0.1	0.87	56		9815	528.9	7.2
102:36:15	5967	7.2	0.12	3874.3	31.37	169.59	86.14	86.17	0.02	0.00	6		170	12335	-626.46
LANDING	- 20050.6	1171.6	3.42	51.8	43297	2.24	2.37	0.74	0.00	0.00	684		28729	5109	

107441 CLCK REQUEST @ PEADACCS T1=17404 SECONDS RUNNING 369374.761218 855

076206 CLCK REQUEST @ SERVICER T1=17415 SECONDS RUNNING 369374.775380 9741

063150 CLCK REQUEST @ RADAREAD T1=17411 SECONDS RUNNING 369374.814919 3134

006071 CLCK REQUEST @ MUNGRAV T1=17420 SECONDS RUNNING 369374.882415 8994

006071 CLCK REQUEST @ MUNGRAV T1=17433 SECONDS RUNNING 369374.995166 897

DISPLAYS = 63 16 48 +1111 -16X24 +59359 RELEASE DISPLAY 369375.00023

073121 CLCK REQUEST @ QUADGUID T1=17537 SECONDS RUNNING 369375.070782 4168

072216 CLCK REQUEST @ THROTTLE T1=17567 SECONDS RUNNING 369375.118277 7297

006071 CLCK REQUEST @ FINCCDUW T1=17575 SECONDS RUNNING 369375.971146 1713

073473 CLCK REQUEST @ P63DISPS T1=17651 SECONDS RUNNING 369375.415749 8890

073476 CLCK REQUEST @ ENDDLJCB T1=17651 SECONDS RUNNING 369375.408949 9158

063073 CLCK REQUEST @ LRLAT T1=17707 SECONDS RUNNING 369376.718595 5581

369376.7	1737954	116.6	0.28	189.2	0.99	1.05	35.2	2.38	0.00	0.87	57		9816	528.9	7.18
102:36:17	5953	7.3	0.12	3852.3	30.29	169.56	86.14	86.16	0.15	0.00	6		173	12370	-631.15
LANDING	- 198168	1165.2	3.42	52.3	43192	2.24	2.37	0.74	0.00	0.00	685		27964	5186	

107441 CLCK REQUEST @ READACCS T1=17714 SECONDS RUNNING 369376.761461 9230

076206 CLCK REQUEST @ SERVICER T1=17716 SECONDS RUNNING 369376.782432 1128

063150 CLCK REQUEST @ RADAREAD T1=17721 SECONDS RUNNING 369376.814843 3776

006071 CLCK REQUEST @ MUNGRAV T1=17730 SECONDS RUNNING 369376.884796 9934

DISPLAYS = 63 16 48 +1111 -16X24 +40930 RELEASE DISPLAY 369377.00024

006071	CLOCK REQUEST @ MUNGRAV	T1=17757	SECONDS RUNNING	369377.114337	9325
073121	CLOCK REQUEST @ QUADGUID	T1=2147	SECONDS RUNNING	369377.672201	6955
LMY99	AGC 001 NASA 2 21112- 61 NEW SIMULATION	MARSFCT 20414415 /FYLES	SECONDS RUNNING	369377.14:43	PAGE 206
072216	CLOCK REQUEST @ THROTTLE	T1=20777	SECONDS RUNNING	369377.919999	8111
006071	CLOCK REQUEST @ EINDCDUW	T1=21195	SECONDS RUNNING	369377.672531	2583
073473	CLOCK REQUEST @ P63DISPS	T1=21160	SECONDS RUNNING	369378.464204	9421
073476	CLOCK REQUEST @ ENDLJCB	T1=21160	SECONDS RUNNING	369378.467404	9693
063073	CLOCK REQUEST @ LRALT	T1=20217	SECONDS RUNNING	369378.718596	6249

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LPS, FT, MMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	OGX	THPLST	RCS	APOLU
LANDING	(STABLE MEMBER	COORDS)		FORVEL	LONG	PITCH	BALL-P	CDUY	OPATE	ATT-Y	DPPY	DGY	DELTA V	DPS	PERILU
	METRIC	UNITS		ALTRATE	ALT	RCLL	BALL-Y	CDUZ	FRATE	ATT-Z	DPPZ	DGZ	MASS	APS	
369378.7	1738185	114.0	0.31	- 184.2	0.99	- 1.70	355.38	- 2.31	0.03	- 0.87	63	0	9816	528.0	7.17
102:36:19	5939	- 7.3	- 0.02	3630.4	30.21	169.34	85.75	05.77	- 0.15	- 0.00	- 5	0	1745	1220.6	-635.79
LANDING	- 195844	1158.7	- 3.43	- 53.8	430.85	- 2.18	2.31	- 0.61	0.13	0.00	- 697	0	27999	518.6	

107441	CLOCK REQUEST @ READACCS	T1=20224	SECONDS RUNNING	369378.761221	4585										
076206	CLOCK REQUEST @ SERVICEP	T1=20225	SECONDS RUNNING	369378.775826	1132										
063150	CLOCK REQUEST @ RADAREAD	T1=20231	SECONDS RUNNING	369378.814905	4465										
006071	CLOCK REQUEST @ MUNGRAV	T1=20241	SECONDS RUNNING	369378.884824	7432										
006071	CLOCK REQUEST @ MUNGRAV	T1=20253	SECONDS RUNNING	369378.995749	9839										
DISPLAYS =	63	16	68	+1085	-76X19	+99999				RELEASE DISPLAY			369378.000006		

073121	CLOCK REQUEST @ QUADGUID	T1=20257	SECONDS RUNNING	369379.672800	7677
072216	CLOCK REQUEST @ THROTTLE	T1=20410	SECONDS RUNNING	369379.921880	8928
006071	CLOCK REQUEST @ EINDCDUW	T1=20415	SECONDS RUNNING	369379.972138	3217
073473	CLOCK REQUEST @ P63DISPS	T1=20470	SECONDS RUNNING	369380.414616	1121
073476	CLOCK REQUEST @ ENDLJCB	T1=20470	SECONDS RUNNING	369380.467815	9394
063073	CLOCK REQUEST @ LRALT	T1=20527	SECONDS RUNNING	369380.718596	4914

369380.7	1738411	111.5	0.31	- 175.0	0.99	- 0.95	350.44	- 2.25	0.03	- 0.76	63	0	9817	528.0	7.15
102:36:21	5925	- 7.4	- 0.01	3800.5	30.14	169.15	85.48	05.57	- 0.08	- 0.00	- 7	0	1767	1214.1	-640.37
LANDING	- 193533	1152.1	- 3.44	- 54.7	429.77	- 2.12	2.24	- 0.56	0.00	0.00	- 688	0	27924	518.6	

107441	CLOCK REQUEST @ READACCS	T1=20534	SECONDS RUNNING	369380.761277	4586
076206	CLOCK REQUEST @ SERVICEP	T1=20535	SECONDS RUNNING	369380.775912	1874
063150	CLOCK REQUEST @ RADAREAD	T1=20561	SECONDS RUNNING	369380.814927	5135

006071	CLCK REQUEST @ MUNGRAV	T1=2055	SECONDS RUNNING	369380.962718	0919
006071	CLCK REQUEST @ MUNGRAV	T1=20563	SECONDS RUNNING	369381.094498	1499
DISPLAYS =	63 16 68 +11072 -06X17 +99999		RELEASE DISPLAY		369381.000020
073121	CLCK REQUEST @ QUADGUID	T1=20667	SECONDS RUNNING	369381.0672708	8340
072216	CLCK REQUEST @ THROTTLE	T1=20720	SECONDS RUNNING	369381.021357	0550
006071	CLCK REQUEST @ FINDCDUW	T1=20725	SECONDS RUNNING	369381.072104	3872
073473	CLCK REQUEST @ P63DISPS	T1=21000	SECONDS RUNNING	369382.0414460	1775
073476	CLCK REQUEST @ ENDLJCB	T1=21000	SECONDS RUNNING	369382.0407664	1048
063073	CLCK REQUEST @ LRLAT	T1=21037	SECONDS RUNNING	369382.0718596	7581

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVFL	LAT	YAW	PALL-P	CDUX	PRATE	ATT-X	DPOX	DCY	THRST	PCS	APOLU
LANDING	(STABLE	MEMBR	COORDS)	FCRVFL	LONG	PITCH	PALL-P	CDUY	ORATE	ATT-Y	DPPY	DGY	DELTA V	GPS	PERILU
	METRIC	UNITS		ALTRATE	ALT	RCLL	PALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	DGZ	MASS	APS	
369382.7	1738631	108.9	1032	-173.9	0.99	0.94	350.45	-2.17	0.02	-0.76	66		9818	525.9	7.14
102:36:23	5912	-7.4	-10.1	3786.5	30.06	169.17	85.37	85.35	-1.08	-0.11	-4		174	10076	-644.91
LANDING	-191234	1145.6	-3.45	-55.6	42866	-2.15	2.17	-1.54	0.01	0.11	-69		2777	511.0	

107441	CLCK REQUEST @ READACCS	T1=2144	SECONDS RUNNING	369382.061277	1223
076206	CLCK REQUEST @ SERVICER	T1=21045	SECONDS RUNNING	369382.077865	2630
063150	CLCK REQUEST @ PADAREAD	T1=21051	SECONDS RUNNING	369382.0814872	5707
006071	CLCK REQUEST @ MUNGRAV	T1=21060	SECONDS RUNNING	369382.088703	1954
DISPLAYS =	63 16 68 +11061 -06X15 +99999		RELEASE DISPLAY		369382.000020
006071	CLCK REQUEST @ MUNGRAV	T1=21117	SECONDS RUNNING	369383.0115474	1442
073121	CLCK REQUEST @ QUADGUID	T1=21177	SECONDS RUNNING	369383.0675101	0211
072216	CLCK REQUEST @ THROTTLE	T1=21230	SECONDS RUNNING	369383.023764	422
006071	CLCK REQUEST @ FINDCDUW	T1=21235	SECONDS RUNNING	369383.0975701	4854
073473	CLCK REQUEST @ P63DISPS	T1=21310	SECONDS RUNNING	369384.017473	1593
073476	CLCK REQUEST @ ENDLJCB	T1=21311	SECONDS RUNNING	369384.01613	1966
063073	CLCK REQUEST @ LRLAT	T1=21347	SECONDS RUNNING	369384.0718596	8248

369384.7 1738846 1 0.4 34 - 160.8 0.99 - 0.97 350.42 - 2.11 0.13 - 0.65 0.11 - 0.00 - 3 0.12 12 11 - 640.39  
 102:36:25 5857 - 7.5 - 3.1 3764.5 270.99 168.95 85.13 85.15 - 0.11 - 0.00 - 3

LMY99 AGC 001 NASA 2J21112-061 NEW SIMULATION MARSROT 21414415 /EYLF5 LRPADAR2.0 ENVYNT6L 17/23/65 14:43 PACE 208  
 /DUPLICATE LANDING LAST SNAP 369350

LANDING - 188949 1130. - 3.45 - 56.6 42754 - 1.99 2.11 - 7.57 - 1.02 0.11 - 6.91 0 277.5 5189

107441 CLCCK REQUEST @ RFADACCS T1=21354 SECONDS RUNNING 269384.761223 1995

076206 CLCCK RFQUEST @ SERVICER T1=21355 SECONDS PUNNING 269384.776385 3179

063150 CLCCK REQUEST @ RADAREAD T1=21361 SECONDS RUNNING 269384.814889 6465

006071 CLCCK REQUEST @ MUNGRAV T1=21370 SECONDS RUNNING 269384.865403 2482

006071 CLCCK RFQUEST @ MUNGRAV T1=21403 SECONDS PUNNING 269384.906256 1941

DISPLAYS = 63 16 68 +11747 -16X12 +99999 PLEASE DISPLAY 369395.00005

073121 CLCCK REQUEST @ QUACGUID T1=21507 SECONDS RUNNING 269385.675786 9928

072216 CLCCK REQUEST @ THROTTLE T1=21540 SECONDS PUNNING 269385.924475 1149

006071 CLCCK REQUEST @ FINDERDUW T1=21545 SECONDS RUNNING 269385.974618 6428

073473 CLCCK REQUEST @ P63DISPS T1=21620 SECONDS PUNNING 269386.417285 0340

073476 CLCCK REQUEST @ ENDLJCB T1=21621 SECONDS RUNNING 269386.417485 2622

063073 CLCCK REQUEST @ LRLAT T1=21657 SECONDS PUNNING 269386.718596 8014

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, ET, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPX	DX	THRUST	PCS	APOLU
LANDING	(STABLE	MEMBER	COORDS)	FCRVEL	LCNG	PITCH	BALL-P	CDUY	QRATE	ATT-Y	DPY	DY	DELTA V	DPS	PEPILU
	METRIC	UNITS		ALT	ALT	ROLL	BALL-Y	CDU7	PRATE	ATT-Z	DPZ	DZ	MASS	APS	
369386.7	1739057	113.9	0.34	-1.63.08	1.98	-1.97	350.41	-2.04	0.03	-0.65	7.0	0	9819	526.0	7.11
102:36:27	5883	-7.5	-3.12	3742.4	20.91	168.94	85.15	85.16	0.02	-0.90	-4	0	1825	11.946	-653.82
LANDING	-186677	1132.4	-3.46	-57.5	42641	-1.92	2.04	-0.50	0.10	0.11	-6.92	0	277.41	5189	

107441 CLCCK REQUEST @ READACCS T1=21664 SECONDS RUNNING 269386.761210 2551

076206 CLCCK RFQUEST @ SERVICER T1=21665 SECONDS RUNNING 269386.776370 3813

063150 CLCCK REQUEST @ RADAREAD T1=21671 SECONDS RUNNING 269386.814976 7120

006071 CLCCK REQUEST @ MUNGRAV T1=21700 SECONDS PUNNING 269386.865431 2928

006071 CLCCK REQUEST @ MUNGRAV T1=21713 SECONDS RUNNING 269386.906234 2564

DISPLAYS = 63 16 68 +11735 -16X11 +99999 PLEASE DISPLAY 369387.00005

073121 CLCCK REQUEST @ QUACGUID T1=22117 SECONDS RUNNING 269387.674797 9510

072216 CLCCK REQUEST @ THROTTLE T1=22153 SECONDS PUNNING 269387.924551 1423

006071 CLCCK REQUEST @ FINDERDUW T1=22155 SECONDS PUNNING 269387.974618 6119

073473	CLOCK REQUEST @ P63DISPS	T1=22130	SECONDS RUNNING	369380.418382	31.9
073476	CLOCK REQUEST @ ENDLLJCB	T1=22131	SECONDS RUNNING	369380.411582	33.93
063073	CLOCK REQUEST @ LPA1T	T1=22167	SECONDS RUNNING	369380.718596	95.81

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	CGX	THRUST	PCS	APDLII
LANDING	(STAR E MEMBER COORDS)	FORVEL	LCNG	PITCH	BALL-R	CDUY	CRATE	ATT-Y	DPPY	CGY	DELTAV	DPS	PPF ILU		
	METRIC UNITS	ALTRATE	ALT	ROLL	BALL-Y	CDUZ	RPATE	ATT-Z	DPPZ	DGZ	MASS	APS			
369380.7	1739262	111.4	3.35	-152.7	0.98	-0.96	350.44	-1.07	0.03	-0.54	71	9819	528.0	7.10	
102:36:29	5869	-7.6	0.1	372.0	20.84	168.92	84.96	84.97	0.14	0.10	-4	1857	11882	-658.2	
LANDING	-184418	1125.8	-3.47	-58.5	42524	-1.86	1.97	-0.56	0.12	0.10	-694	27575	5189		

107441	CLOCK REQUEST @ READACCS	T1=22174	SECONDS RUNNING	369380.761292	32.24
076206	CLOCK REQUEST @ SERVICE4	T1=22175	SECONDS RUNNING	369380.778199	46.50
063150	CLOCK REQUEST @ KADAREAD	T1=22211	SECONDS RUNNING	369380.814875	77.97
006071	CLOCK REQUEST @ MUNCRAV	T1=22210	SECONDS RUNNING	369380.887669	40.00

DISPLAYS = 63 16 68 + 1 22 - 6XL7 +99999 RELEASE DISPLAY 369380 1011

006071	CLOCK REQUEST @ MUNCRAV	T1=22237	SECONDS RUNNING	369380.915473	34.48
073121	CLOCK REQUEST @ QUADGUID	T1=22237	SECONDS RUNNING	369380.676845	13.52
072216	CLOCK REQUEST @ THROTTLE	T1=22262	SECONDS RUNNING	369380.967917	53.36
006071	CLOCK REQUEST @ FINDCDUW	T1=22365	SECONDS RUNNING	369380.976310	69.49
073473	CLOCK REQUEST @ P63DISPS	T1=22440	SECONDS RUNNING	369380.417663	37.15
073476	CLOCK REQUEST @ ENDLLJCB	T1=22441	SECONDS RUNNING	369380.411582	33.93
063073	CLOCK REQUEST @ LPA1T	T1=22477	SECONDS RUNNING	369380.718597	95.81

369390.7	1739463	98.9	0.37	-153.3	0.98	-0.99	350.51	-1.01	0.03	-0.43	74	982	528.0	7.17
102:36:31	5855	-7.6	0.11	365.0	20.76	168.77	84.66	84.68	0.11	0.11	-3	1857	11817	-662.54
LANDING	-182172	1119.2	-3.48	-59.5	42406	-1.79	1.91	-0.48	0.10	0.21	-696	27511	5189	

107441	CLOCK REQUEST @ READACCS	T1=22514	SECONDS RUNNING	369380.761224	38.85
076206	CLOCK REQUEST @ SERVICE4	T1=22515	SECONDS RUNNING	369380.775974	51.44
063150	CLOCK REQUEST @ KADAREAD	T1=22511	SECONDS RUNNING	369380.814879	84.64
006071	CLOCK REQUEST @ MUNCRAV	T1=22520	SECONDS RUNNING	369380.888114	45.47

006071 CLCCK REQEST @ MUNGRAV T1=22533 SECONDS RUNNING 369391.006016 3020

LMY99 AGC 01 NASA 2 21112-61 NEW SIMULATION MARSROT 23414415 /EYLES LPRADAR20 ENVCTRL 17/03/69 14:43 PAGE 210  
/DUPLICATE LANDING LAST SNAP 369359

DISPLAYS = 63 16 68 +01 11 -06X95 +99999 RELEASE DISPLAY 369391.000044

072121 CLCCK REQUEST @ QUADGUID T1=22637 SECONDS RUNNING 369391.0674479 1816

072216 CLCCK REQUEST @ THROTTLE T1=22671 SECONDS RUNNING 369391.0921822 2923

006071 CLCCK REQUEST @ FINDCDUW T1=22675 SECONDS RUNNING 369391.072689 7244

073473 CLCCK REQUEST @ P63DISPS T1=22754 SECONDS RUNNING 369392.047933 4415

073476 CLCCK REQUEST @ ENCLLJOB T1=22751 SECONDS RUNNING 369392.011133 4678

063073 CLCCK REQUEST @ LRLAT T1=23007 SECONDS RUNNING 369392.718597 015

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVFL	LAT	YAW	BALL-P	CDUX	PRATE	ATT-X	DPRY	DGX	THPLST	DPS	APCLU
LANDING	(STABLE MEMBER METRIC UNITS)	COORDS)	FORVFL	LONG	RITCH	BALL-R	CDUY	QRATE	ATT-Y	DRPY	DGY	DELTA V	DPS	APCLU	
			ALTRATE	ALT	ROLL	BALL-Y	CDUZ	RPATE	ATT-Z	DRPZ	DGZ	MASS	APS	PER ILU	
369392.7	1739658	96.5	0.38	-148.9	0.98	0.92	359.49	-1.84	0.03	-0.43	73	27446	5189	7.85	
102:36:33	5840	7.6	0.01	3675.9	290.69	1680.59	840.48	0.11	0.00	0.00	0.00	1025	11789	-6710.7	
LANDING	-175940	1112.6	-3.48	-61.5	42285	-1.73	1.84	0.50	0.00	0.21	-66				

107441 CLCCK REQUEST @ READACCS T1=23014 SECONDS RUNNING 369392.761281 4557

076206 CLCCK REQUEST @ SERVICE R T1=23015 SECONDS RUNNING 369392.776691 5872

063150 CLCCK REQUEST @ RADAPFAC T1=23021 SECONDS RUNNING 369392.814953 9137

006071 CLCCK REQUEST @ MUNGRAV T1=23030 SECONDS RUNNING 369392.822836 4931

006071 CLCCK REQUEST @ MUNGRAV T1=23043 SECONDS RUNNING 369392.995747 4565

DISPLAYS = 63 16 68 +1998 -06X63 +99999 RELEASE DISPLAY 369393.000032

073121 CLCCK REQUEST @ QUADGUID T1=23147 SECONDS RUNNING 369393.0674588 2488

072216 CLCCK REQUEST @ THROTTLE T1=23200 SECONDS RUNNING 369393.0921816 3554

006071 CLCCK REQUEST @ FINDCDUW T1=23205 SECONDS RUNNING 369393.072215 789

073473 CLCCK REQUEST @ P63DISPS T1=23260 SECONDS RUNNING 369394.015076 4827

073476 CLCCK REQUEST @ ENCLLJOB T1=23260 SECONDS RUNNING 369394.078276 5130

063073 CLCCK REQUEST @ LRLAT T1=23317 SECONDS RUNNING 369394.718597 1581

369394.7	1739849	94.0	0.39	-144.1	0.98	0.96	350.46	-1.77	0.03	-0.32	79	27446	5189	7.84
102:36:35	5025	7.7	0.01	3650.6	290.62	1580.46	840.29	0.11	0.00	0.00	0.00	1025	11789	-6710.7
LANDING	-177721	1150.0	-3.49	-61.5	42162	-1.67	1.77	0.53	0.01	0.10	-66			

107441 CLCCK REQUEST @ READACCS T1=23324 SECONDS RUNNING 369394.761281 522



063073

CLCCK REQUEST @ LRALT

T1=24137

SECONDS RUNNING

369398.718598

2915

LMY99 AGC J01 NASA 2-21112-761 NEW SIMULATION

MARSROT 29414415 /FILES

LFRADAR2, ENVGNTFL (7/23/77) 14:43 PAGE 212  
/DUPLICATE LABELING LAST SNAP 369350

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME LANCING	R (STABE MEMBER COORDS) METRIC UNITS	V	A	LATVEL FORVEL ALTRATE	LAT LONG ALT	YAW PITCH ROLL	BALL-R BALL-P BALL-Y	CDUX CDLY CDUZ	PRATE QRATE RRATE	ATT-X ATT-Y ATT-Z	DPPX DPPY DPPZ	DGX DGY DGZ	THRUST DELTAV MASS	RCS EPS APS	APOLU PERILU	
369398.7 102:36:35 LANDING	174.0216 5796 - 173223	89.3 7.8 - 192.6	1.47 1.01 - 3.50	- 134.5 3608.9 - 63.5	7.57 - 29.47 41913	1.99 168.48 - 1.54	350.43 - 84.15 1.64	1.64 - 84.17 - 1.56	.03 - 0.13 0.01	0.21 - 0.10 - 0.13	82 4 7.01	0 0 0	9822 1671 27252	528.0 11558 5189	7.00 -67.41	
107441	CLCCK REQUEST @ READACCS								T1=24144	SECONDS RUNNING		369398.761215		6551		
076206	CLCCK REQUEST @ SERVICER								T1=24145	SECONDS RUNNING		369398.776474		7853		
063150	CLCCK REQUEST @ RACAREAD								T1=24152	SECONDS RUNNING		369398.821797		1721		
066071	CLCCK REQUEST @ MUNGRAV								T1=24163	SECONDS RUNNING		369398.913411		6539		
DISPLAYS =	63	16	08		+00962	-05455	+99999					RELEASE DISPLAY		369398.913011		
006071	CLCCK REQUEST @ MUNGRAV								T1=24217	SECONDS RUNNING		369398.102336		3393		
073121	CLCCK REQUEST @ QUADGUID								T1=24317	SECONDS RUNNING		369398.765498		2250		
SNAPSHOT	369400				SECONDS RUNNING				369400.000500							



LMY99 AGC 001 NASA 242111Z-061 NEW SIMULATION MARKSPOT 2444415 /FYLES LRFADAR20.FAVCNT11 7/ 1/ 1 04:43 PAGE 213  
/DUPLICATE LANDING LAST SNAP 0400

072216	CLOCK REQUEST @ THRATTLE	T1=24454	SECONDS RUNNING	3694	0.124496	7895
006071	CLOCK REQUEST @ FINDCDUW	T1=24461	SECONDS RUNNING	3694	0.171479	6994
073473	CLOCK REQUEST @ P63DISPS	T1=24421	SECONDS RUNNING	3694	0.481155	8315
073476	CLOCK REQUEST @ ENDLLJOB	T1=2442	SECONDS RUNNING	3694	0.484376	8598
063073	CLOCK REQUEST @ LRLAT	T1=24447	SECONDS RUNNING	3694	0.718598	7591

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LPS, FT, NMI, SFC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPX	DCX	THPLST	PCS	APOLU
LANDING	(STABLE MEMBER COORDS)	FORVEL		ALTRATE	LCNG	PITCH	BALL-P	CDUY	ORATE	ATT-Y	DPY	DGZ	DELTA V	HPS	PERLU
	METRIC UNITS				ALT	ROLL	BALL-Y	CDUZ	RPATE	ATT-Z	DPZ	DGZ	MASS	APS	
369400.7	1740392	87.0	1.43	-125.8	0.97	0.99	359.44	-1.58	0.03	-0.10	85	1	2823	528.9	6.98
102:36:41	5766	7.8	1.11	3566.5	25.44	168.19	83.74	83.88	0.17	-0.10	4	2	1094	11492	-683.51
LANDING	-171153	1085.9	-3.91	-64.6	41785	-1.47	1.57	-11.56	-0.10	0.10	-703	3	27187	5188	

167441	CLOCK REQUEST @ READACCS	T1=24454	SECONDS RUNNING	3694	0.761301	7219
076206	CLOCK REQUEST @ SERVICE	T1=24455	SECONDS RUNNING	3694	0.777388	8649
063150	CLOCK REQUEST @ PACARFAD	T1=24461	SECONDS RUNNING	3694	0.14361	1716
006071	CLOCK REQUEST @ MUNGRAV	T1=24471	SECONDS RUNNING	3694	0.187411	7997

DISPLAYS = 63 16 68 +1095 -75X53 +99999 RELEASE DISPLAY 3694 1.0 0002

006071	CLOCK REQUEST @ MUNGRAV	T1=24517	SECONDS RUNNING	3694	0.115289	7432
073121	CLOCK REQUEST @ QUADGUIN	T1=24410	SECONDS RUNNING	3694	0.84322	5991
072216	CLOCK REQUEST @ THRATTLE	T1=24645	SECONDS RUNNING	3694	0.473816	6693
006071	CLOCK REQUEST @ FINDCDUW	T1=24646	SECONDS RUNNING	3694	0.984999	1647
073473	CLOCK REQUEST @ P63DISPS	T1=24721	SECONDS RUNNING	3694	0.415127	8352
073476	CLOCK REQUEST @ ENDLLJOB	T1=24721	SECONDS RUNNING	3694	0.419534	8726
063073	CLOCK REQUEST @ LRLAT	T1=24757	SECONDS RUNNING	3694	0.718598	4248

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPX	DCX	THPLST	PCS	APOLU
LANDING	(STABLE MEMBER COORDS)	FORVEL		ALTRATE	LCNG	PITCH	BALL-P	CDUY	ORATE	ATT-Y	DPY	DGZ	DELTA V	HPS	PERLU
	METRIC UNITS				ALT	ROLL	BALL-Y	CDUZ	RPATE	ATT-Z	DPZ	DGZ	MASS	APS	
369402.7	1740564	84.7	0.44	-125.2	0.97	0.96	359.48	-1.51	0.02	-0.1	89	1	2823	528.8	6.98
102:36:43	5751	7.9	1.31	3564.0	29.33	168.14	83.57	83.58	0.11	-0.11	3	2	1117	11429	-687.51
LANDING	-168987	1079.1	-3.52	-65.5	41655	-1.41	1.51	-0.51	0.12	0.1	-704	3	27122	5188	

107441	CLOCK REQUEST @ READACCS	T1=24744	SECONDS RUNNING	3694	0.761354	7819
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TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATF	ATT-X	DPPX	DGX	THRUST	RCS	APOLU
LANDING	(STABLE MEMBER COORDS)	METRIC	UNITS	FORVEL	LONG	PITCH	BALL-P	CDUY	CRATF	ATT-Y	DPPY	DGY	DELTA V	DPS	PFILU
				ALTRATE	ALT	ROLL	BALL-Y	CDUZ	KRATE	ATT-Z	DPPZ	DGZ	MASS	APS	
063150	CLCCK REQUEST @ KADAREAD														
006071	CLCCK REQUEST @ MUNGRAV														
006071	CLCCK REQUEST @ MUNGRAV														
DISPLAYS =	63	16	68												
073121	CLCCK REQUEST @ QUADGUID														
072216	CLCCK REQUEST @ THROTTLE														
006071	CLCCK REQUEST @ FINDCDUW														
073473	CLCCK REQUEST @ P63DISPS														
073476	CLCCK REQUEST @ ENDLJCB														
063073	CLCCK REQUEST @ LRLALT														

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATF	ATT-X	DPPX	DGX	THRUST	RCS	APOLU
LANDING	(STABLE MEMBER COORDS)	METRIC	UNITS	FORVEL	LONG	PITCH	BALL-P	CDUY	CRATF	ATT-Y	DPPY	DGY	DELTA V	DPS	PFILU
				ALTRATE	ALT	ROLL	BALL-Y	CDUZ	KRATE	ATT-Z	DPPZ	DGZ	MASS	APS	
369404.7	1740731	82.4	0.45	-120.5	0.97	0.93	359.51	-1.45	0.03	0.00	91	0	2824	528.9	6.94
102:36:45	5736	-7.9	0.11	3541.5	29.26	167.96	83.42	83.44	0.15	0.00	3	0	21.41	11.64	-0.10.57
LANDING	-166835	1072.4	3.53	-6.65	41523	-1.35	1.44	-0.48	0.1	0.21	-7.5	0	27.58	51.89	
107441	CLCCK REQUEST @ REACACCS														
076206	CLCCK REQUEST @ SERVICER														
063150	CLCCK REQUEST @ KADAREAD														
006071	CLCCK REQUEST @ MUNGRAV														
006071	CLCCK REQUEST @ MUNGRAV														
DISPLAYS =	63	16	68												
073121	CLCCK REQUEST @ QUADGUID														
072216	CLCCK REQUEST @ THROTTLE														
006071	CLCCK REQUEST @ FINDCDUW														
073473	CLCCK REQUEST @ P63DISPS														
073476	CLCCK REQUEST @ ENDLJCB														
063073	CLCCK REQUEST @ LRLALT														
369406.7	1740893	8.1	0.47	-116.0	0.97	0.94	359.51	-1.0	0.3	0.00	62	0	28.14	50.00	6.92
102:36:47	5721	-8.0	0.11	3518.9	29.19	167.77	83.16	83.17	0.15	0.00	3	0	21.37	11.40	-0.05.55

LANDING - 164696	1065.6	- 3.53	- 67.5	41389	- 1.28	1.38	- 0.49	- 0.02	0.21	- 707	26993	5187	
107441	CLCCK REQUEST @ REALACCS								T1=25674	SECONDS RUNNING	369406.761261	9222	
076206	CLCCK REQUEST @ SERVICER								T1=25615	SECONDS RUNNING	369406.776866	1553	
063150	CLCCK REQUEST @ RADAREAD								T1=25611	SECONDS RUNNING	369406.814928	3801	
06071	CLCCK REQUEST @ MUNGRAV								T1=25620	SECONDS RUNNING	369406.885176	0706	
006071	CLCCK REQUEST @ MUNGRAV								T1=25633	SECONDS RUNNING	369406.995966	9229	
DISPLAYS =	63	16	68	+77915	-05x46	+99999				RELEASE DISPLAY		369407.000013	
073121	CLCCK REQUEST @ QUADGUID								T1=25737	SECONDS RUNNING	369407.0674417	7164	
072216	CLCCK REQUEST @ THROTTLE								T1=25779	SECONDS RUNNING	369407.0927801	8347	
06071	CLCCK REQUEST @ FIKDCDUW								T1=25775	SECONDS RUNNING	369407.0974663	2764	
073473	CLCCK REQUEST @ P6DISPS								T1=26150	SECONDS RUNNING	369408.0476773	0639	
073476	CLCCK REQUEST @ FNELLJCB								T1=26150	SECONDS RUNNING	369408.069976	0912	
063073	CLCCK REQUEST @ LRALT								T1=2617	SECONDS RUNNING	369408.0719599	6248	

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, MMT, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	DCX	THELST	CS	APFLU
LANDING	(STABLE METRIC	MEMBER UNITS	COORDS)	FORVEL ALTRATE	LONG ALT	PITCH RCLL	BALL-P BALL-Y	CDUY CDUZ	QRATE RRATE	ATT-Y ATT-Z	DPPY DPPZ	DGY DGZ	DELTA MASS	DPS APS	PRFILU
369408.7	1741752	77.9	7.48	- 111.6	1.96	- 10.98	359.47	- 1.31	0.03	0.10	99	0	9825	528.0	6.01
102:36:49	5716	8.0	- 10.01	3496.03	29.12	167.62	82.94	82.05	- 0.07	0.11	3	0	2086	11234	-699.45
LANDING - 162571	158.8	- 3.54	- 68.5	41253	- 1.22	1.31	- 0.52	- 0.13	0.10	- 719	26928	5189			

107441	CLCCK REQUEST @ RFADACCS								T1=26114	SECONDS RUNNING	369408.0761221	9885			
076206	CLCCK REQUEST @ SERVICER								T1=26115	SECONDS RUNNING	369408.0776278	1170			
063150	CLCCK REQUEST @ RADAREAD								T1=26121	SECONDS RUNNING	369408.0814877	4464			
06071	CLCCK REQUEST @ MUNGRAV								T1=26131	SECONDS RUNNING	369408.085331	1476			
006071	CLCCK REQUEST @ MUNGRAV								T1=26143	SECONDS RUNNING	369408.096121	093			
DISPLAYS =	63	16	68	+10913	-75x44	+99999				RELEASE DISPLAY		369409.01025			
073121	CLCCK REQUEST @ QUADGUID								T1=26247	SECONDS RUNNING	369409.0676457	7995			
072216	CLCCK REQUEST @ THROTTLE								T1=2633	SECONDS RUNNING	369409.095071	19			

006071 CLCK REQUEST @ FINDCDUW T1=26305 SECONDS RUNNING 369410.975913 6512

LMY99 AGC 01 NASA 2021112-061 NEW SIMULATION MARSBOT 20414415 /FYLES LPPADAR2.EMVONTPL 17/23/69 14:43 PAGE 216  
 /DUPLICATE LANDING LAST SNAP 369400

073473 CLCK REQUEST @ P63DISPS T1=26361 SECONDS RUNNING 369410.410856 654  
 073476 CLCK REQUEST @ ENDLLJOB T1=26361 SECONDS RUNNING 369410.414156 697  
 063073 CLCK REQUEST @ LRLAT T1=26417 SECONDS RUNNING 369410.718599 6915

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	DGX	THEUST	PCS	APOLU
LANDING	(STABLE	MEMBER	CCRCSS)	FCRVFL	LCNG	PITCH	BALL-P	CDUY	QRATE	ATT-Y	DPPY	DGY	DEITAV	DPS	PEPILU
	METRIC	UNITS		ALTRATE	ALT	RCLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	DGZ	MASS	APS	
369410.7	1741205	75.7	1.49	-17.01	0.96	-1.00	359.45	-1.25	0.13	0.1	99	0	9826	528.9	6.88
102:36:51	5651	-8.1	-0.01	3473.6	29.05	167.62	82.87	82.89	0.11	-0.21	-4	0	2119	1117.0	-73.33
LANDING	-160460	152.0	-3.55	-69.4	41115	-1.15	1.24	-0.54	0.01	-0.10	-71	0	26663	5186	

107441 CLCK REQUEST @ READACCS T1=26424 SECONDS RUNNING 369410.761294 552  
 076206 CLCK REQUEST @ SERVICER T1=26425 SECONDS RUNNING 369410.770277 1837  
 063150 CLCK REQUEST @ RADAREAD T1=26431 SECONDS RUNNING 369410.814877 5130  
 006071 CLCK REQUEST @ MUNGRAV T1=26440 SECONDS RUNNING 369410.863393 977  
 006071 CLCK REQUEST @ MUNCPAV T1=26453 SECONDS RUNNING 369410.896672 544

DISPLAYS = 63 16 68 +11892 -5X41 +99999 RELEASE DISPLAY 369410.90010

073121 CLCK REQUEST @ QUACGUID T1=26557 SECONDS RUNNING 369411.675176 8534  
 072216 CLCK REQUEST @ THROTTLE T1=26610 SECONDS RUNNING 369411.923918 9749  
 006071 CLCK REQUEST @ FINDCDUW T1=26615 SECONDS RUNNING 369411.973964 4041  
 073473 CLCK REQUEST @ P63DISPS T1=26670 SECONDS RUNNING 369412.418808 1144  
 073476 CLCK REQUEST @ ENDLLJOB T1=26671 SECONDS RUNNING 369412.412009 1419  
 063073 CLCK REQUEST @ LRLAT T1=26727 SECONDS RUNNING 369412.718599 7581

369412.7 1741354 73.5 0.49 -102.6 0.96 -0.97 359.49 -1.18 0.13 0.10 101 0 9826 528.9 6.86  
 102:36:53 5675 -8.1 -0.01 3450.9 28.98 167.60 82.78 82.79 -0.10 -0.00 -3 0 2122 1115 -77.06  
 LANDING -158362 145.2 -3.56 -70.4 40575 -1.09 1.17 -0.51 -0.01 -0.21 -71 0 26799 5149

107441 CLCK REQUEST @ READACCS T1=26734 SECONDS RUNNING 369412.761221 1218  
 076206 CLCK REQUEST @ SERVICER T1=26735 SECONDS RUNNING 369412.777377 2597  
 063150 CLCK REQUEST @ RADAREAD T1=26741 SECONDS RUNNING 369412.814891 5793  
 006071 CLCK REQUEST @ MUNGRAV T1=2675 SECONDS RUNNING 369412.86471 1016

DISPLAYS = 63 16 58 +11881 -5X39 +99999 RELEASE DISPLAY 369410.9027

006071	CLCK REQUEST @ MUNGRAV	T1=26777	SECONDS RUNNING	369413.114358	1351
073121	CLCK REQUEST @ QUADGUID	T1=2767	SECONDS RUNNING	369413.675199	9211
072216	CLCK REQUEST @ THRATTLE	T1=27120	SECONDS RUNNING	369413.924001	1447
006071	CLCK REQUEST @ FINDERLUM	T1=27125	SECONDS RUNNING	369413.975434	4831
073473	CLCK REQUEST @ P63DISPS	T1=2721	SECONDS RUNNING	369414.017944	1731
073476	CLCK REQUEST @ ENCLLJCB	T1=27211	SECONDS RUNNING	369414.011145	2012
063073	CLCK REQUEST @ LRALT	T1=27237	SECONDS RUNNING	369414.718600	9248

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME LANDING	R (STAELE MEMBER METRIC)	V (COORDS)	A (UNITS)	LATVEL FORVFL ALTRATE	LAT LONCNG ALT	YAW PITCH ROLL	BALL-R BALL-P BALL-Y	CDUX CDUY CDUZ	PRATE ORATE RRATE	ATT-X ATT-Y ATT-Z	DPPX OPPY DPPZ	DGX DGY DCZ	THRUST DELTAV MASS	RCS DPS APS	APDUU PFRILU
369414.7 102:36:55 LANDING	1741499 5660 - 156278	71.3 8.1 1038.4	0.50 - 1.01 - 3.56	- 98.2 3428.1 - 71.5	0.96 28.91 47833	- 0.96 167.58 - 1.02	359.51 82.71 1.11	- 1.10 - 0.10 - 0.48	0.13 - 0.10 - 0.10	0.21 - 0.10 - 0.21	107 - 3 - 713	0 0 0	9927 2155 26734	528.0 116.4 5190	6.84 - 71.96 -

107441	CLCK REQUEST @ READACCS	T1=27244	SECONDS RUNNING	369414.761223	1095
076206	CLCK REQUEST @ SERVICER	T1=27245	SECONDS RUNNING	369414.776046	2151
063150	CLCK REQUEST @ RADAREAD	T1=27251	SECONDS RUNNING	369414.814922	6468
006071	CLCK REQUEST @ MUNGRAV	T1=27261	SECONDS RUNNING	369414.885612	2511
006071	CLCK REQUEST @ MUNGRAV	T1=27273	SECONDS RUNNING	369414.995861	1010

DISPLAYS = 63 16 68 +20869 -15336 +99999 RELEASE DISPLAY 369415.110203

073121	CLCK REQUEST @ QUADGUID	T1=27377	SECONDS RUNNING	369415.675114	9171
072216	CLCK REQUEST @ THRATTLE	T1=27430	SECONDS RUNNING	369415.923824	1094
006071	CLCK REQUEST @ FINDERLUM	T1=27435	SECONDS RUNNING	369415.974137	5379
073473	CLCK REQUEST @ P63DISPS	T1=27510	SECONDS RUNNING	369416.018316	2436
073476	CLCK REQUEST @ ENCLLJOB	T1=27511	SECONDS RUNNING	369416.011167	2719
063073	CLCK REQUEST @ LRALT	T1=27547	SECONDS RUNNING	369416.718600	9915

369416.7 102:36:57 LANDING	174164 5644 - 156277	69.1 1.2 1101.2	1.51 - 1.01 - 1.37	- 94.0 3435.2 - 7.0	0.96 28.84 46887	- 1.01 167.51 - 0.96	359.47 82.56 1.06	- 1.04 - 0.11 - 0.52	0.13 - 0.11 - 0.10	0.21 - 0.10 - 0.10	103 - 3 - 716	0 0 0	9927 2171 26734	528.0 116.4 5190	6.82 - 71.47 -
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073476 CLCCK REQUEST @ ENDDLJCB T1=31331 SECONDS RUNNING 369421.71377 219  
 063073 CLCCK REQUEST @ LRALT T1=31367 SECONDS RUNNING 369421.71377 219  
 LMY99 AGC 1 NASA 2121112-051 NEW SIMULATION WANSF01 2141415 /EYLES /DUPLICATE LANDING LAST SNAP 369400

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-P	CDUX	PRATF	ATT-X	DPX	DCX	THRUST	ROS	APDLU
LANDING	(STABLE MEMBER COORDS)			FCRVEL	LCNG	PITCH	BALL-P	CDUY	QRATE	ATT-Y	DPY	DCY	DELTAV	RPS	PERILU
	METRIC UNITS			ALTRATE	ALT	ROLL	BALL-Y	COUZ	RPRATE	ATT-Z	DPZ	DCZ	MASS	APS	
369420.7	1741508	64.8	3.53	- 85.4	6.95	- 0.95	359.53	- 0.91	0.93	0.43	117	0	9829	529.9	6.78
102:37: 1	5613	- 8.3	- 0.1	3259.4	28.71	167.39	82.31	82.37	- 0.11	0.0	- 3	0	2225	1.846	-722.19
LANDING	- 1501.8	1.17.7	- 3.59	- 74.7	40394	- 0.83	1.91	- 0.46	- 0.01	0.21	- 717	0	26599	5189	
107441	CLCCK REQUEST @ READACCS								T1=31374	SECONDS RUNNING			369421.761266		3880
076206	CLCCK REQUEST @ SERVICER								T1=31375	SECONDS RUNNING			369421.776790		5214
063150	CLCCK REQUEST @ RADAREAD								T1=31401	SECONDS RUNNING			369421.814871		8463
006071	CLCCK REQUEST @ MUNGRAV								T1=31410	SECONDS RUNNING			369421.886664		4590
DISPLAYS =	63	16	68		+00836	-05X29	+99999			RELEASE DISPLAY			369421.10008		
006071	CLCCK REQUEST @ MUNGRAV								T1=31437	SECONDS RUNNING			369421.115214		4092
073121	CLCCK REQUEST @ QUADGUID								T1=31527	SECONDS RUNNING			369421.676384		2022
072216	CLCCK REQUEST @ THROTTLE								T1=31563	SECONDS RUNNING			369421.957528		6970
006071	CLCCK REQUEST @ FINDCDUX								T1=31565	SECONDS RUNNING			369421.976434		7583
073473	CLCCK REQUEST @ P63DISPS								T1=31640	SECONDS RUNNING			369422.409975		4570
073476	CLCCK REQUEST @ ENDDLJCB								T1=31641	SECONDS RUNNING			369422.413176		4852
063073	CLCCK REQUEST @ LRALT								T1=31677	SECONDS RUNNING			369422.718610		6915
369422.7	1742036	62.7	0.54	- 81.2	6.95	- 0.92	354.57	- 0.84	0.93	0.43	111	0	9870	528.9	6.70
102:37: 3	5597	- 8.3	- 0.1	3236.3	28.64	167.29	82.14	82.15	- 0.07	0.0	- 3	0	2225	1.781	-725.72
LANDING	- 148078	1.11.8	- 3.59	- 75.8	40243	- 0.76	1.84	- 0.42	- 0.15	0.21	- 719	0	26475	5189	
107441	CLCCK REQUEST @ READACCS								T1=31704	SECONDS RUNNING			369422.761213		6661
076206	CLCCK REQUEST @ SERVICER								T1=31715	SECONDS RUNNING			369422.774952		5723
063150	CLCCK REQUEST @ RADAREAD								T1=31711	SECONDS RUNNING			369422.81489		9131
006071	CLCCK REQUEST @ MUNGRAV								T1=31721	SECONDS RUNNING			369422.882115		4850
006071	CLCCK REQUEST @ MUNGRAV								T1=31732	SECONDS RUNNING			369422.919371		4027
DISPLAYS =	63	16	68		+00825	-05X27	+99999			RELEASE DISPLAY			369422.100009		
073121	CLCCK REQUEST @ QUADGUID								T1=31717	SECONDS RUNNING			369422.676357		2022

072216 CLCCK REQUEST @ THROTTLE T1=31070 SECONDS RUNNING 3694260971051 3575

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 /DUPLICATE LANDING LAST SNAP 369420

LMY99 AGC DUI NASA 2 21112-061 NEW SIMULATION MARSROT 20414415 /EYLES

066071 CLCCK REQUEST @ EINDCDUW T1=31075 SECONDS RUNNING 3694260971059 7869  
 073473 CLCCK REQUEST @ P63DISPS T1=31150 SECONDS RUNNING 3694260971099 4744  
 073476 CLCCK REQUEST @ ENCLLJCB T1=31150 SECONDS RUNNING 3694260971012 5017  
 063073 CLCCK REQUEST @ LKALT T1=31207 SECONDS RUNNING 3694260971060 1591

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	PALL-R	CDUX	PRATE	ATT-X	OPP-X	DCY	THRUST	APS	APOLU
LANDING	(STABLE	MEMBER	COORDS)	FORVEL	LCNG	PITCH	BALL-P	CDUY	GRATE	ATT-Y	OPPY	DCY	DEL TAV	OPS	PEE ILU
	METRIC	UNITS		ALTRATE	ALT	ROLL	BALL-Y	COUZ	RPATE	ATT-Z	OPPZ	DCZ	MASS	APS	
369426.7	1742159	581	60.6	1.56	77.9	0.95	0.86	359.63	0.78	0.12	0.54	112	993	528.6	6.73
102:37:5	5581	-	8.3	1.11	3313.7	28.57	167.17	81.96	81.96	0.12	0.10	1	2272	1716	-729.31
LANDING	- 146063	1000.9	- 3.60	- 76.9	4109	- 1.70	0.77	- 0.26	- 0.02	0.10	- 721	-	2641	5189	

107441 CLCCK REQUEST @ READACCS T1=31214 SECONDS RUNNING 3694260971209 5217  
 076206 CLCCK REQUEST @ SERVICER T1=31215 SECONDS RUNNING 3694260971381 6597  
 063150 CLCCK REQUEST @ RADAREAD T1=31221 SECONDS RUNNING 36942609714914 6837  
 066071 CLCCK REQUEST @ MUNGRAV T1=31230 SECONDS RUNNING 36942609716427 6972

DISPLAYS = 63 16 68 +00814 -05X25 499959 RELEASE DISPLAY 36942609710006

066071 CLCCK REQUEST @ MUNGRAV T1=31257 SECONDS RUNNING 369426097114284 5346  
 073121 CLCCK REQUEST @ QUADGUID T1=31347 SECONDS RUNNING 36942609715157 5199  
 072216 CLCCK REQUEST @ THROTTLE T1=31400 SECONDS RUNNING 36942609724865 4516  
 066071 CLCCK REQUEST @ FINECDUW T1=31405 SECONDS RUNNING 3694260976631 8933  
 073473 CLCCK REQUEST @ P63DISPS T1=31467 SECONDS RUNNING 3694260974958 5878  
 073476 CLCCK REQUEST @ ENCLLJCB T1=31461 SECONDS RUNNING 369426097412783 5152  
 063073 CLCCK REQUEST @ LKALT T1=31517 SECONDS RUNNING 36942609718651 2248

369426.7	1742278	585	1.57	72.9	0.95	0.97	359.59	0.71	0.13	0.54	115	0	993	528.6	6.71
102:37:7	5565	-	8.4	1.11	3293.2	28.51	167.05	81.77	81.78	0.16	0.10	2	2296	17651	-729.86
LANDING	- 144062	996.9	- 3.61	- 78.1	39935	- 1.63	0.71	- 0.41	- 0.10	0.00	- 722	-	26245	5189	

107441 CLCCK REQUEST @ READACCS T1=31524 SECONDS RUNNING 3694260971228 5886  
 076206 CLCCK REQUEST @ SERVICER T1=31525 SECONDS RUNNING 36942609716228 7174  
 063150 CLCCK REQUEST @ RADAREAD T1=31531 SECONDS RUNNING 3694260971904 465  
 066071 CLCCK REQUEST @ MUNGRAV T1=31540 SECONDS RUNNING 36942609718614 6525

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006071	CLCCK REQUEST @ MUNGRAV	T1=31553	SECONDS RUNNING	369426.996352	595
DISPLAYS =	63 16 68 +0000 -15X22 +99999		RELEASE DISPLAY		369475.00007
073121	CLCCK REQUEST @ QUADGUID	T1=31657	SECONDS RUNNING	369427.674993	596
072216	CLCCK REQUEST @ THROTTLE	T1=31711	SECONDS RUNNING	369427.924747	5173
006071	CLCCK REQUEST @ FINDCDUW	T1=31715	SECONDS RUNNING	369427.974760	954
073473	CLCCK REQUEST @ P63DISPS	T1=31771	SECONDS RUNNING	369428.41184	6597
073476	CLCCK REQUEST @ ENCLLJOB	T1=31771	SECONDS RUNNING	369428.413386	6971
063073	CLCCK REQUEST @ LRALT	T1=32027	SECONDS RUNNING	369428.718601	2915

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	PALL-R	CDUX	PPATE	ATT-X	DPPX	DCX	THEUST	RC	APOLU
LANDING	(STABLE	MEMBER	COORDS)	FORVEL	LONG	PITCH	BALL-P	CDUY	PPATE	ATT-Y	DPPY	DCY	PFLTAV	OPS	PERILU
	METRIC	UNITS		ALTRATE	ALT	RCLL	BALL-Y	CDUZ	RPATE	ATT-Z	DPPZ	DGZ	MASS	APS	
369428.7	1742393	56.5	0.58	68.9	0.95	0.89	359.62	0.64	0.03	0.65	117		9831	528.9	6.66
102:37:9	5549	0.4	0.00	3267.0	28.44	166.91	81.57	81.57	0.10	0.10	2		2219	13587	-736.37
LANDING	-142774	79.0	3.62	79.1	39778	0.57	0.64	0.38	0.01	0.10	724		26280	5189	

107441	CLCCK REQUEST @ READACCS	T1=32034	SECONDS RUNNING	369428.761216	6581
076206	CLCCK REQUEST @ SERVICER	T1=32035	SECONDS RUNNING	369428.776578	7862
063150	CLCCK REQUEST @ RADAREAD	T1=32041	SECONDS RUNNING	369428.814976	1130
006071	CLCCK REQUEST @ MUNGRAV	T1=32050	SECONDS RUNNING	369428.883513	6987
006071	CLCCK REQUEST @ MUNGRAV	T1=32063	SECONDS RUNNING	369429.096571	6635
DISPLAYS =	63 16 68 +00792 -05X20 +99999		RELEASE DISPLAY		369429.00034
073121	CLCCK REQUEST @ QUADGUID	T1=32167	SECONDS RUNNING	369429.677855	4771
072216	CLCCK REQUEST @ THROTTLE	T1=32220	SECONDS RUNNING	369429.924121	5786
006071	CLCCK REQUEST @ FINDCDUW	T1=32225	SECONDS RUNNING	369429.974231	9242
073473	CLCCK REQUEST @ P63DISPS	T1=32300	SECONDS RUNNING	369430.418625	7133
073476	CLCCK REQUEST @ ENCLLJOB	T1=32301	SECONDS RUNNING	369430.413826	7433
063073	CLCCK REQUEST @ LRALT	T1=32337	SECONDS RUNNING	369430.718601	2592

369431.7	1742574	54.5	0.59	64.9	0.95	0.88	356.62	0.58	0.03	0.76	12		9521	528.9	6.66
102:37:11	5533	0.4	0.00	3267.0	28.38	166.92	83.00	81.61	0.04	0.10			2219	13587	-736.37

LMY99	AGC	001	NASA 2021112-161 NEW SIMULATION	MARSROT 20414415 /FYLES	LRPADAR20 ENVNTP1 /7/23/60	14:42	PAGE 222
							369400
107441			CLCCK REQUEST @ READACCS	T1=32344	SECONDS RUNNING	369430.761285	7224
076206			CLCCK REQUEST @ SERVICER	T1=32345	SECONDS RUNNING	369430.9777718	8629
063150			CLCCK REQUEST @ RADAREAD	T1=32351	SECONDS RUNNING	369431.0814898	1799
006071			CLCCK REQUEST @ MUNGRAV	T1=32360	SECONDS RUNNING	369431.886989	7951
DISPLAYS =	63	16	68	+00781 -05X18 +99999	RELEASE DISPLAY		369431.00020
006071			CLCCK REQUEST @ MUNGRAV	T1=32417	SECONDS RUNNING	369431.115487	7449
073121			CLCCK REQUEST @ QUADGUID	T1=32477	SECONDS RUNNING	369431.676973	6363
072216			CLCCK REQUEST @ THROTTLE	T1=32539	SECONDS RUNNING	369431.923778	6423
006071			CLCCK REQUEST @ FINDCDDW	T1=32535	SECONDS RUNNING	369431.975760	6859
073473			CLCCK REQUEST @ P03DISPS	T1=32610	SECONDS RUNNING	369432.0417038	7661
073476			CLCCK REQUEST @ ENCLLJOB	T1=32611	SECONDS RUNNING	369432.0410240	7835
063073			CLCCK REQUEST @ LRALT	T1=32647	SECONDS RUNNING	369432.719612	4248

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DRPX	DCX	THPLST	PCS	AROLU
LANDING	(STABLE MEMBER METRIC UNITS)	(COORDS)	(FORVFL ALTRATE)	LONG	PITCH	ROLL	BALL-P	CDUZ	GRATE	ATT-Y	DRPY	DCY	DELTA V	OPS	PEPILU
369432.7	1742612	52.5	3.61	- 60.9	0.94	0.90	359.61	- 0.51	0.63	0.76	122		9852	528.0	6.64
102:37:13	5517	8.5	0.01	322.05	28.31	166.85	81.39	81.39	0.90	0.10	1		2267	1167	-743.027
LANDING	- 138141	976.1	3.63	- 81.3	39457	0.44	0.51	0.38	0.10	0.10	726		26151	5180	

107441			CLCCK REQUEST @ READACCS	T1=32654	SECONDS RUNNING	369432.761231	7886
076206			CLCCK REQUEST @ SERVICER	T1=32655	SECONDS RUNNING	369432.776180	9154
063150			CLCCK REQUEST @ RADAREAD	T1=32661	SECONDS RUNNING	369432.814874	2463
006071			CLCCK REQUEST @ MUNGRAV	T1=32670	SECONDS RUNNING	369432.885279	9471
006071			CLCCK REQUEST @ MUNGRAV	T1=32753	SECONDS RUNNING	369432.995965	7917

DISPLAYS =	63	16	68	+00771 -05X15 +99999	RELEASE DISPLAY		369433.00005
073121			CLCCK REQUEST @ QUADGUID	T1=33097	SECONDS RUNNING	369433.675684	5919
072216			CLCCK REQUEST @ THROTTLE	T1=33040	SECONDS RUNNING	369433.022510	6881
006071			CLCCK REQUEST @ FINDCDDW	T1=33045	SECONDS RUNNING	369433.073074	1294
073473			CLCCK REQUEST @ P03DISPS	T1=33120	SECONDS RUNNING	369433.0417245	5346
073476			CLCCK REQUEST @ ENCLLJOB	T1=33121	SECONDS RUNNING	369433.0411447	8619

7547370

063073 CLECK REQUEST @ LRLALT T1=33157 SECONDS RUNNING 369436.718672 4915

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-P	CDUX	PRATE	ATT-X	DPPX	DGX	THPUST	RCS	APDLU
LANDING	(STAELE MEMBER CUORDS)			FPRVEL	LONG	PITCH	BALL-P	CDUY	QRATE	ATT-Y	DPPY	DGY	RELTAV	OPS	PEPILU
	METRIC UNITS			ALTRATE	ALT	ROLL	PALL-Y	CDUZ	KRATE	ATT-Z	DPPZ	DGZ	MASS	APS	
369434.7	1742715	51.5	1.61	- 57.1	0.94	- 0.91	359.61	- 1.43	0.13	0.47	12.2	1	9823	52.09	60.62
102:37:15	5469	- 8.5	- 1.01	3173.7	28.25	166.77	31.23	81.2	0.15	- 0.21	- 2	- 2	2414	11.27	-75.0.13
LANDING	- 126196	96.09	- 3.64	- 82.4	392.93	- 1.37	1.44	- 1.43	0.13	0.11	- 728	3	26.21	51.89	

107441 CLECK REQUEST @ READACCS T1=33164 SECONDS RUNNING 369436.761242 4921

076206 CLECK REQUEST @ SEPVICER T1=33165 SECONDS RUNNING 369436.775984 4812

063150 CLECK REQUEST @ RADAREAD T1=33172 SECONDS RUNNING 369436.821343 3682

006071 CLECK REQUEST @ MUNGRAV T1=33203 SECONDS RUNNING 369436.913755 1568

DISPLAYS = 63 16 08 +0767 -05X13 +99999 RELEASE DISPLAY 369436.110023

006071 CLECK REQUEST @ MUNGRAV T1=33237 SECONDS RUNNING 369436.102460 5351

073121 CLECK REQUEST @ QUADGUID T1=33237 SECONDS RUNNING 369436.76575 4272

072216 CLECK REQUEST @ THROTTLE T1=33374 SECONDS RUNNING 369436.123828 4828

006071 CLECK REQUEST @ FINDCDUW T1=33401 SECONDS RUNNING 369436.179935 8847

073473 CLECK REQUEST @ P63DISPS T1=33440 SECONDS RUNNING 369436.483811 5546

073476 CLECK REQUEST @ ENCLLJCB T1=33344 SECONDS RUNNING 369436.48713 5812

063073 CLECK REQUEST @ LPALT T1=33467 SECONDS RUNNING 369436.718672 5582

369436.7	1742813	48.6	0.62	- 53.8	0.94	- 0.96	359.56	- 1.38	0.11	0.98	12.6	1	9823	52.09	60.59
102:37:17	5469	- 8.5	- 1.01	3173.7	28.18	166.62	31.12	81.2	0.16	- 0.21	- 2	- 2	2414	11.27	-75.0.13
LANDING	- 124274	96.19	- 3.65	- 83.5	391.27	- 1.32	1.38	- 1.43	0.11	0.03	- 730	3	26.21	51.89	

107441 CLECK REQUEST @ READACCS T1=33474 SECONDS RUNNING 369436.761247 9221

076206 CLECK REQUEST @ SERVICER T1=33475 SECONDS RUNNING 369436.777764 63

063150 CLECK REQUEST @ RADARFAC T1=33501 SECONDS RUNNING 369436.814878 3707

006071 CLECK REQUEST @ MUNGRAV T1=33510 SECONDS RUNNING 369436.887333 998

DISPLAYS = 63 16 08 +0767 -05X11 +99999 RELEASE DISPLAY 369436.110017

006071	CLOCK REQUEST @ MUNGRAV	T1=33537	SECONDS RUNNING	369437.115781	0476
073121	CLOCK REQUEST @ QUADGUID	T1=33630	SECONDS RUNNING	369437.144333	0776
LMY99	AGC 001 NASA 2021112-061 NEW SIMULATION	MARSROT 2 414415 /EYLES	LRP ADAR 20 FV C N TPL	7727719 714443	224 369400
072216	CLOCK REQUEST @ THROTTLE	T1=32665	SECONDS RUNNING	369437.074173	2715
006071	CLOCK REQUEST @ FINDCDUW	T1=33666	SECONDS RUNNING	369437.095213	3665
073473	CLOCK REQUEST @ P63DISPS	T1=33741	SECONDS RUNNING	369438.419125	693
073476	CLOCK REQUEST @ ENDLLJCB	T1=33742	SECONDS RUNNING	369438.423720	1086
063073	CLOCK REQUEST @ LRLAT	T1=33777	SECONDS RUNNING	369438.718612	6248

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPX	DY	THFUST	CS	APOLU
LANDING	(STABLF MEMBER COORDS)			FORVEL	LONG	PITCH	BALL-P	CDUY	GRATE	ATT-Y	DPPY	DGY	FLTA V	DPS	PER ILU
	METRIC	UNITS		ALTRATE	ALT	RGLL	BALL-Y	CDUZ	PRATE	ATT-Z	DPPZ	DGZ	MASS	APS	
369438.7	1742919	40.6	1.63	54.1	0.94	0.96	350.57	0.39	0.17	0.87	12P		0874	528.0	6.57
102:37:19	5453	8.6	1.11	315.02	28.12	166.56	80.90	80.91	0.08	0.10	3		2438	110.98	-753.34
LANDING	132356	954.8	3.65	84.6	38959	0.33	0.39	0.42	0.11	0.00	732		25056	518.0	

107441	CLOCK REQUEST @ READACCS	T1=34014	SECONDS RUNNING	369438.761261	9199
076206	CLOCK REQUEST @ SFRVICER	T1=34075	SECONDS RUNNING	369438.776225	1165
063150	CLOCK REQUEST @ RADAREAD	T1=34071	SECONDS RUNNING	369438.814865	4463
006071	CLOCK REQUEST @ MUNGRAV	T1=34020	SECONDS RUNNING	369438.885463	521

DISPLAYS = 63 16 08 + 0739 - 5X09 +99999 PFLAS DISPLAY 369439.00017

006071	CLOCK REQUEST @ MUNGRAV	T1=34047	SECONDS RUNNING	369439.011599	6083
073121	CLOCK REQUEST @ QUADGUID	T1=34137	SECONDS RUNNING	369439.0678778	8182
072216	CLOCK REQUEST @ THROTTLE	T1=34173	SECONDS RUNNING	369439.057932	2104
006071	CLOCK REQUEST @ FINDCDUW	T1=34175	SECONDS RUNNING	369439.076831	2617
073473	CLOCK REQUEST @ P63DISPS	T1=34251	SECONDS RUNNING	369440.411171	1587
073476	CLOCK REQUEST @ ENDLLJCB	T1=34251	SECONDS RUNNING	369440.413273	1860
063073	CLOCK REQUEST @ LRLAT	T1=34307	SECONDS RUNNING	369440.718612	6915

369440.7	1743000	44.7	1.64	54.1	0.94	0.95	350.57	0.39	0.17	0.87	12P		0874	528.0	6.54
102:37:21	5437	8.6	1.11	312.65	28.16	166.49	80.76	80.77	0.06	0.10	2		2462	110.98	-756.63
LANDING	130453	947.7	3.66	85.7	38789	0.34	0.39	0.41	0.00	0.00	733		25051	518.0	

107441	CLOCK REQUEST @ READACCS	T1=34314	SECONDS RUNNING	369440.761224	568
076206	CLOCK REQUEST @ SFRVICER	T1=34315	SECONDS RUNNING	369440.776221	1015
063150	CLOCK REQUEST @ RADAREAD	T1=34321	SECONDS RUNNING	369440.874882	5121



369444.7 1743171 41.9 1.66 - 54.6 1.93 - 0.94 359.60 - 0.41 - 0.11 11.87 171 251 11.6F -76.078  
 102:37:25 54.14 - 8.6 - 0.1 3079.3 27.93 166.44 80.59 80.59 - 0.12 - 0.01 - 1 251 11.6F -76.078  
 LRRADAR2.ENVCONTPL 7/2/66 14:43 PAGE 225  
 LMY99 AGC 01 NASA 2N21112-061 NEW SIMULATION MARSROT 20414415 /EYLES /DUPLICATE LANDING LAST SNAP 19400

LANDING - 126690 933.5 - 3.68 - 88.0 38441 - 0.35 0.41 - 0.39 - 0.07 0.00 - 736 0 25762 5100

107441 CLCCK REQUEST @ READACCS T1=35124 SECONDS RUNNING 369444.761264 1899

076206 CLCCK REQUEST @ SERVICER T1=35135 SECONDS RUNNING 369444.776120 2154

063150 CLCCK REQUEST @ RADARFAD T1=35141 SECONDS RUNNING 369444.814873 6463

006071 CLCCK REQUEST @ MUNGRAV T1=35150 SECONDS RUNNING 369444.865313 2474

006071 CLCCK REQUEST @ MUNGRAV T1=35163 SECONDS RUNNING 369444.896495 1962

DISPLAYS = 63 16 68 +0070R -05X02 +99999 RELEASE DISPLAY 369444.101001

073121 CLCCK REQUEST @ QUADGUID T1=35267 SECONDS RUNNING 369445.071422 9556

072216 CLCCK REQUEST @ THROTTLE T1=35317 SECONDS RUNNING 369445.091785 7619

006071 CLCCK REQUEST @ FINDCDLW T1=35326 SECONDS RUNNING 369445.070415 5170

073473 CLCCK REQUEST @ P63DISPS T1=35411 SECONDS RUNNING 369446.045990 2572

073476 CLCCK REQUEST @ ENDDLJCB T1=35431 SECONDS RUNNING 369446.013112 2946

063173 CLCCK REQUEST @ LRALT T1=35437 SECONDS RUNNING 369446.071803 8915

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	VAW	PALL-R	CDUX	RRATE	ATT-X	DPPX	DCX	THFUST	RCS	APILU
LANDING	(STABLE MEMBER	COORDS)	FCRVEL	ALTRATE	LENG	RITCH	BALL-P	CDUY	QRATE	ATT-Y	DPPY	DCY	DFLTAV	DPS	REFILU
	METRIC	UNITS			ALT	ROLL	BALL-Y	CCUZ	RRATE	ATT-Z	DPPZ	DCZ	MASS	ARS	
369444.7	1743252	39.1	1.67	54.8	1.93	0.97	359.58	0.41	0.00	0.87	176	251	11.6F	52.06	6.47
102:37:27	5387	8.7	1.01	3055.6	27.87	166.37	80.46	80.46	0.11	0.21	3	2535	11.112	-766.26	
LANDING	124829	926.3	3.69	89.2	38264	0.36	0.41	0.41	0.07	0.10	736	25762	5189		

107441 CLCCK REQUEST @ READACCS T1=35444 SECONDS RUNNING 369446.761222 2592

076206 CLCCK REQUEST @ SERVICER T1=35445 SECONDS RUNNING 369446.775359 3901

063150 CLCCK REQUEST @ RADARFAD T1=35451 SECONDS RUNNING 369446.814850 7123

006071 CLCCK REQUEST @ MUNGRAV T1=35460 SECONDS RUNNING 369446.803114 2952

006071 CLCCK REQUEST @ MUNGRAV T1=35473 SECONDS RUNNING 369446.956674 0644

DISPLAYS = 63 16 68 +10658 -14X59 +99999 RELEASE DISPLAY 369447.111013

073121 CLCCK REQUEST @ QUADGUID T1=35576 SECONDS RUNNING 369447.068448 9969

072216 CLCCK REQUEST @ THROTTLE T1=35627 SECONDS RUNNING 369447.094375 1954

006071 CLCCK REQUEST @ FINDCDLW T1=35633 SECONDS RUNNING 369447.057167 6674

JG6071

CLOCK REQUEST FINDD

T1=35733

SECONDS RUNNING

247.957247

2674

LMY99	AGC	J01	NASA	2121112-	61 NEW SIMULATION	MARSFOT	2	414415	/EYLES	LEBRADAR2	ENVOMTEL	77	7/65	14:43	PAGE	227
										/DUPLICATE	LANDING			LAST	SNAP	3-9600
073473					CLOCK REQUEST @ P03DISRS				T1=35707					SECONDS RUNNING	369449.769152	2234
073476					CLOCK REQUEST @ ENDDLJCB				T1=35711					SECONDS RUNNING	369449.769236	2592
062073					CLOCK REQUEST @ LRLAT				T1=35747					SECONDS RUNNING	369449.718615	0592

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LPS, FT, NMI, SEC, DEG

TIME	R	V	Z	LATVEL	LAT	YAN	BALL-R	CDUX	RRATE	ATT-X	DPYX	GRX	TH-UST	RCS	APIULU	
LANDING	(STABLE MEMBER	COORDS)		FORVEL	LONG	PITCH	BALL-P	CDUY	QRATE	ATT-Y	DPYV	DGV	DELTA V	UPS	PER ILU	
	METRIC UNITS			ALTRATE	ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPYZ	DGZ	MASS	APS		
369449.7	1743328	37.2	3.58	- 54.9	0.93	- 1.87	350.69	- .41	- 3.17	.87	1.6	0	9837	528.9	6.44	
102:37:29	5371	- 8.7	- 3.6	3.31.8	27.81	166.25	8.32	8.33	- 0.13	- 0.11	- 1	0	2552	9438	-76.0.47	
LANDING	- 122983	319.2	- 3.69	- 91.4	38.84	- 3.37	.41	- 0.31	- 0.03	1.67	- 7.32		25472	5180		
107441									T1=35754					SECONDS RUNNING	369449.761228	3221
076206									T1=35755					SECONDS RUNNING	369449.778129	4661
062150									T1=35761					SECONDS RUNNING	369449.814863	7796
006071									T1=35777					SECONDS RUNNING	369449.887371	3977
DISPLAYS =	63	16	68		+ 688	- 74X57	+99999						RELEASE DISPLAY		369449.10013	
006071									T1=36117					SECONDS RUNNING	369449.114818	3392
072121									T1=36116					SECONDS RUNNING	369449.669385	4633
072216									T1=36137					SECONDS RUNNING	369449.914257	1611
006071									T1=36143					SECONDS RUNNING	369449.959724	5415
SNARSHCT	36945													SECONDS RUNNING	369450.000024	

073473 CLCCK REQUEST @ P63DISPS T1=36217 SECONDS RUNNING 369450.398009 3891  
 073476 CLCCK REQUEST @ ENDLJCB T1=36220 SECONDS RUNNING 369450.402174 3746  
 063073 CLCCK REQUEST @ LRALT T1=36257 SECONDS RUNNING 369450.718603 0249

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LPS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPX	DCX	THEUST	PCS	APOLU
LANDING	(STAELE	MEMBE	COORDS)	FORVEL	LCNG	PITCH	BALL-P	CDUY	QRATE	ATT-Y	DPY	DCY	DELTA V	OPS	PERILU
	METRIC	UNITS		ALTRATE	ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	DQZ	MASS	APS	
369450.7	17434.1	35.4	0.69	-55.0	0.93	-0.84	350.72	-0.42	-0.00	0.87	140	0	9837	528.9	6.41
102:37:31	5354	-8.7	-0.00	3708.0	27.75	166.14	80.12	-0.08	-0.01	-1	0	0	2583	9874	-772.5
LANDING	-121151	912.0	-3.70	-91.5	37902	-0.38	0.42	-0.27	0.12	0.00	-74	0	25567	5189	
DISPLAYS =	63	16	68		+0678	-14X55	+99909						RELEASE DISPLAY		369450.00013

107441 CLCCK REQUEST @ READACCS T1=36264 SECONDS RUNNING 369450.76121 3884  
 076206 CLCCK REQUEST @ SERVICER T1=36265 SECONDS RUNNING 369450.776240 5167  
 063150 CLCCK REQUEST @ RADAREAD T1=36271 SECONDS RUNNING 369450.814904 8466  
 066071 CLCCK REQUEST @ MUNGRAV T1=36300 SECONDS RUNNING 369450.886163 4530  
 066071 CLCCK REQUEST @ MUNGRAV T1=36313 SECONDS RUNNING 369450.906468 3961

369452.7	174347	33.6	0.71	-55.2	0.93	-0.84	350.72	-0.42	-0.00	0.87	142	0	9838	528.9	6.39
102:37:33	5337	-8.7	-0.00	2984.1	27.69	166.12	79.93	-0.10	-0.01	-1	0	0	2607	9874	-775.57
LANDING	-119234	914.8	-3.71	-92.7	37718	-0.39	0.42	-0.27	0.12	0.00	-74	0	25567	5189	
107441	CLCCK REQUEST @ READACCS	T1=36574	SECONDS RUNNING	369452.761226	4552										
076206	CLCCK REQUEST @ SERVICER	T1=36575	SECONDS RUNNING	369452.775589	5778										
063150	CLCCK REQUEST @ RADAREAD	T1=36611	SECONDS RUNNING	369452.814882	9131										
066071	CLCCK REQUEST @ MUNGRAV	T1=36610	SECONDS RUNNING	369452.817277	4835										
066071	CLCCK REQUEST @ MUNGRAV	T1=36622	SECONDS RUNNING	369452.906938	4159										



LMY99 AGC 01 NASA 2121112-61 NEW SIMULATION MARSDUT 2114415 /YLES LFRADAR?EMVCHTRP 7/17/77 14:47 1 LGF 229  
/DUPLICATE LANDING LAST SNAP 369450

DISPLAYS = 63 16 68 +0668 -04X52 +99999 RELEASE DISPLAY 369453.110012

073121 CLCCK REQUEST @ QUADGUID T1=36726 SECONDS RUNNING 369453.668585 1994

072216 CLCCK REQUEST @ THRUTTLE T1=36757 SECONDS RUNNING 369453.914138 2995

006071 CLCCK REQUEST @ FINDCDUW T1=36763 SECONDS RUNNING 369453.957414 6627

073473 CLCCK REQUEST @ P63DISPS T1=37037 SECONDS RUNNING 369454.308134 4235

073476 CLCCK REQUEST @ ENCLLJOB T1=37040 SECONDS RUNNING 369454.412299 4591

063073 CLCCK REQUEST @ LRALT T1=37177 SECONDS RUNNING 369454.718614 1582

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	OPPX	DCY	THPST	RCS	APOLH
LANDING	(STABLE MEMBER	COORDS)	FCFVEL	ALTRATE	LONG	PITCH	RALL-P	CDUY	OPATF	ATT-Y	OPPY	D-Y	DELTA	OPS	PERILU
	METRIC UNITS				ALT	RCLL	RALL-Y	CPUZ	PRATE	ATT-Z	OPPZ	OPZ	MASS	APS	
369454.7	1743535	31.8	0.72	-55.1	0.93	-0.72	35.85	-0.42	0.10	0.87	146		2.38	52.09	6.36
102:37:35	5314	3.8	0.01	296.01	27.63	165.95	79.87	79.87	0.10	0.21			2.32	47.4	-778.67
LANDING	-117531	857.6	-3.72	-53.8	37531	-0.35	0.42	-0.14	0.14	0.14	-744		25279	5189	

107441 CLCCK REQUEST @ READACCS T1=37174 SECONDS RUNNING 369454.761274 5218

076206 CLCCK REQUEST @ SERVICER T1=37115 SECONDS RUNNING 369454.777189 6573

063150 CLCCK REQUEST @ RADAREAD T1=37111 SECONDS RUNNING 369454.814858 9795

006071 CLCCK REQUEST @ MUNGRAV T1=3712 SECONDS RUNNING 369454.885681 5930

006071 CLCCK REQUEST @ MUNGRAV T1=37133 SECONDS RUNNING 369454.996453 5291

DISPLAYS = 63 16 68 +0668 -04X50 +99999 RELEASE DISPLAY 369455.100040

073121 CLCCK REQUEST @ QUADGUID T1=37236 SECONDS RUNNING 369455.667246 2533

072216 CLCCK REQUEST @ THRUTTLE T1=37267 SECONDS RUNNING 369455.912417 2454

006071 CLCCK REQUEST @ FINDCDUW T1=37274 SECONDS RUNNING 369455.953492 4399

073473 CLCCK REQUEST @ P63DISPS T1=37347 SECONDS RUNNING 369456.309671 5133

073476 CLCCK REQUEST @ ENCLLJOB T1=37359 SECONDS RUNNING 369456.433388 5388

063073 CLCCK REQUEST @ LRALT T1=37417 SECONDS RUNNING 369456.718614 2249

369456.7	1743597	3.1	0.73	-55.0	0.92	-0.62	35.86	-0.42	0.10	0.87	146		2.36	52.09	6.33
102:37:37	5314	3.7	0.01	293.02	27.57	165.91	79.60	79.60	0.10	0.10			2.34	47.9	-791.61
LANDING	-115742	857.3	-3.73	-54.5	37343	-0.40	0.43	-0.14	0.08	0.08	-745		25273	5189	

107441

CLCK REQUEST @ READACCS

T1=37414

SECONDS RUNNING

369457.71227

5907

LMY99	AGC	001	NASA 2121112-061 NEW SIMULATION	MARSKUT 20414415 /EYLES	LRRADAR? ENVCAT? 7/27/70 14:43	PAGE 230
					/DUPLICATE LANDING	LAST SHAP 369450
076206	CLCK	REQUEST @	SERVICER	T1=37415	SECONDS RUNNING	369456.776374 7178
063150	CLCK	REQUEST @	RADARFAD	T1=37421	SECONDS RUNNING	369456.814885 644
006071	CLCK	REQUEST @	MUNGRAV	T1=37430	SECONDS RUNNING	369456.885227 647
006071	CLCK	REQUEST @	MUNGRAV	T1=37443	SECONDS RUNNING	369456.996468 599
DISPLAYS =	63	16	68	+10649 -04X48 +99999	RELEASE DISPLAY	369456.00000
073121	CLCK	REQUEST @	QUADGUID	T1=37547	SECONDS RUNNING	369457.671168 2525
072216	CLCK	REQUEST @	THRATTLE	T1=37577	SECONDS RUNNING	369457.916812 4466
006071	CLCK	REQUEST @	FINDCPLW	T1=37604	SECONDS RUNNING	369457.969712 9019
073473	CLCK	REQUEST @	P63DISPS	T1=37660	SECONDS RUNNING	369459.401911 5800
073476	CLCK	REQUEST @	ENDLLJCB	T1=37660	SECONDS RUNNING	369459.405114 6163
063073	CLCK	REQUEST @	LRALT	T1=37717	SECONDS RUNNING	369459.718604 2915

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	Lat	YAW	BALL-K	CDUX	PPATE	ATT-X	DPX	DCY	THRUJST	KCS	APDU
LANDING	(STABLE MEMBER METRIC	COORDS)	UNITS	FCRVEL	LCNG	PITCH	BALL-P	CDUY	QPATE	ATT-Y	DPY	DCY	DELTA V	DPS	PEPILU
				ALTRATE	ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPZ	DCZ	MASS	APS	
369458.7	1743656	28.3	0.74	- 55.1	0.92	- 0.75	359.83	- 0.43	- 0.00	0.87	149	0	984	528.0	6.31
102:37:39	5287	- 8.7	0.00	2912.1	27.51	165.85	79.59	0.59	- 0.11	- 0.21	1	0	2681	3614	-784.57
LANDING	- 113968	383.1	- 3.73	- 96.1	37152	- 0.41	0.44	- 0.16	0.02	0.00	- 747	0	253.8	5186	

107441	CLCK	REQUEST @	READACCS	T1=37724	SECONDS RUNNING	369458.761228 6552
076206	CLCK	REQUEST @	SERVICER	T1=37725	SECONDS RUNNING	369458.775621 7720
063150	CLCK	REQUEST @	RADARFAD	T1=37731	SECONDS RUNNING	369458.814861 1129
006071	CLCK	REQUEST @	MUNGRAV	T1=37740	SECONDS RUNNING	369458.882883 6934
006071	CLCK	REQUEST @	MUNGRAV	T1=37753	SECONDS RUNNING	369458.906271 6619
DISPLAYS =	63	16	68	+10639 -04X46 +99999	RELEASE DISPLAY	369458.00010
073121	CLCK	REQUEST @	QUADGUID	T1=37656	SECONDS RUNNING	369459.668273 3954
072216	CLCK	REQUEST @	THRATTLE	T1=37137	SECONDS RUNNING	369459.914481 4963
006071	CLCK	REQUEST @	FINDCPLW	T1=37613	SECONDS RUNNING	369459.957865 9665
073473	CLCK	REQUEST @	P63DISPS	T1=37167	SECONDS RUNNING	36946.039788 6214
073476	CLCK	REQUEST @	ENDLLJOB	T1=3717	SECONDS RUNNING	36946.062150 6569
063073	CLCK	REQUEST @	LRALT	T1=37227	SECONDS RUNNING	36946.071804 3592

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CMUX	PRATE	ATT-X	DPPX	DGX	THFUST	RCS	APOLU
LANDING	(STABLE MEMBER METRIC UNITS)	COORDS)	FORVEL	ALTRATE	LONG	PITCH	BALL-P	CCUY	CPATF	ATT-Y	DPPY	DGY	DELTA V	DRS	PERILU
					ALT	ROLL	BALL-Y	CDUZ	PRATF	ATT-Z	DPPZ	DGZ	MASS	APS	
369460.7	1743711	26.6	0.75	- 55.1	0.92	- 0.69	359.89	- 0.45	- 0.11	0.87	15		9841	528.0	6.28
102:37:41	527.0	- 0.7	0.1	2880.1	27.46	165.76	79.45	79.45	- 0.12	- 0.11	2		277.5	944.0	-787.051
LANDING	- 1122.19	875.8	- 3.74	- 97.2	36958	- 0.41	0.44	- 0.09	0.95	0.00	- 74.0		2524.3	518.0	
107441	CLOCK REQUEST @	REACACCS								T1=01234		SECONDS RUNNING	36946.0701229		721
076206	CLOCK REQUEST @	SERVICER								T1=01235		SECONDS RUNNING	36946.07772.2		958
063150	CLOCK REQUEST @	RADAREAD								T1=01241		SECONDS RUNNING	36946.0814971		1815
006071	CLOCK REQUEST @	MUNGRAV								T1=01250		SECONDS RUNNING	36946.0886966		7949
DISPLAYS =	63	16	68		+ 0629	- 04X43	+95999					RELEASE DISPLAY			369461.00000
006071	CLOCK REQUEST @	MUNGRAV								T1=01277		SECONDS RUNNING	369461.114754		7387
073121	CLOCK REQUEST @	QUADGUID								T1=01266		SECONDS RUNNING	369461.068438		4534
072216	CLOCK REQUEST @	THRITTLE								T1=01417		SECONDS RUNNING	369461.0914946		5670
006071	CLOCK REQUEST @	FINDCDBW								T1=01423		SECONDS RUNNING	369461.0959500		5472
073473	CLOCK REQUEST @	P63DISPS								T1=01477		SECONDS RUNNING	369462.039728		6820
073476	CLOCK REQUEST @	ENLLJCB								T1=01511		SECONDS RUNNING	369462.001445		7186
063073	CLOCK REQUEST @	LRALT								T1=01537		SECONDS RUNNING	369462.718615		4248
369462.7	1743763	24.9	0.76	- 55.1	0.92	- 0.66	359.93	- 0.46	- 0.11	0.87	15.6		9841	528.0	6.25
102:37:43	525.3	- 0.7	0.11	2863.9	27.41	165.58	79.21	79.21	- 0.12	- 0.11	2		277.0	944.4	-791.039
LANDING	- 110464	869.5	- 3.75	- 98.4	36762	- 0.42	0.44	- 0.06	0.91	0.00	- 75.0		2517.8	518.0	
107441	CLOCK REQUEST @	REACACCS								T1=01544		SECONDS RUNNING	369462.0711231		7986
076206	CLOCK REQUEST @	SERVICER								T1=01545		SECONDS RUNNING	369462.0775856		9134
063150	CLOCK REQUEST @	RADAREAD								T1=01551		SECONDS RUNNING	369462.0914865		2463
006071	CLOCK REQUEST @	MUNGRAV								T1=01560		SECONDS RUNNING	369462.0956111		3500
006071	CLOCK REQUEST @	MUNGRAV								T1=01573		SECONDS RUNNING	369462.098434		7957
DISPLAYS =	63	16	68		+ 00629	- 04X41	+95999					RELEASE DISPLAY			369463.00022
073121	CLOCK REQUEST @	QUADGUID								T1=01670		SECONDS RUNNING	369463.0014700		5133

072216 CLCCK REQUEST @ THROTTLE T1=11727 SECONDS RUNNING 369463.914631 63.9

LMY99 AGC 1 NASA 2021112-61 NEW SIMULATION MARKSPOT 2414415 /EYLES LRRADAR2. FMVNTFL /7/22/66 14:43 PACF 232  
/DUPLICATE LAMPING LAST SNAP 369450

006071 CLCCK REQUEST @ FINDCDUW T1=11733 SECONDS RUNNING 369463.957891 6301  
073473 CLCCK REQUEST @ P63CISFS T1=11707 SECONDS RUNNING 369464.298719 7613  
073476 CLCCK REQUEST @ ENCLLJCB T1=11711 SECONDS RUNNING 369464.412885 7974  
063073 CLCCK REQUEST @ LRLAT T1=11647 SECONDS RUNNING 369464.718605 4915

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PPATE	ATT-X	DPPX	DGY	THPLST	RCS	APOLU
LANDING	(STABLE MEMPER	METRIC	COURDS)	FORVEL	LCNG	PITCH	BALL-P	CDUY	QPATE	ATT-Y	DRPY	DGY	DELTA V	DPS	REF ILU
		UNITS		ALTRATE	ALT	ROLL	BALL-Y	CDUZ	RPATE	ATT-Z	DRPZ	DGZ	MASS	APS	
369464.7	1743811	23.3	0.78	-55.1	0.92	-0.69	359.91	-0.46	-0.01	0.87	157		9841	528.9	6.22
102:37:45	5237	-8.7	0.00	2839.7	27.34	165.57	79.16	79.96	-0.01	-0.21	2		2755	1421	-793.26
LANDING	-108734	61.2	-3.76	-99.5	36564	-0.43	0.45	-0.09	-0.05	0.00	-752		25113	518.0	

107441 CLCCK REQUEST @ READACCS T1=11754 SECONDS RUNNING 369464.761217 8351

076206 CLCCK REQUEST @ SERVICER T1=11755 SECONDS RUNNING 369464.775542 9774

063150 CLCCK REQUEST @ RADARFAD T1=11061 SECONDS RUNNING 369464.814924 8134

006071 CLCCK REQUEST @ MUNGRAV T1=11771 SECONDS RUNNING 369464.881714 8934

006071 CLCCK REQUEST @ MUNGRAV T1=11712 SECONDS RUNNING 369464.989476 8133

DISRLAYS = 63 16 68 +11611 -04x39 +99999 RFLFASE DISPLAY 369465.00048

073121 CLCCK REQUEST @ QUADGUID T1=11216 SECONDS RUNNING 369465.067314 5972

072216 CLCCK REQUEST @ THROTTLE T1=11237 SECONDS RUNNING 369465.913121 6847

006071 CLCCK REQUEST @ FINDCDUW T1=11241 SECONDS RUNNING 369465.924201 7792

073473 CLCCK REQUEST @ P63DISPS T1=11317 SECONDS RUNNING 369466.396511 8196

073476 CLCCK REQUEST @ ENCLLJCB T1=11317 SECONDS RUNNING 369466.399713 8371

063073 CLCCK REQUEST @ LRLAT T1=11357 SECONDS RUNNING 369466.718605 5582

369466.7	1743856	21.6	0.79	-55.2	0.92	-0.72	359.82	-0.46	-0.01	0.87	158		9842	528.9	6.10
102:37:47	5220	-8.7	0.00	2815.4	27.29	165.44	79.09	79.95	-0.01	-0.19	1		2770	1455	-796.00
LANDING	-107118	553.8	-3.77	-100.6	36364	-0.44	0.46	-0.08	-0.02	0.00	-754		25120	518.0	

107441 CLCCK REQUEST @ READACCS T1=11364 SECONDS RUNNING 369466.761731 9219

076206 CLCCK REQUEST @ SERVICER T1=11365 SECONDS RUNNING 369466.777979 8420

063150 CLCCK REQUEST @ RADARFAD T1=11371 SECONDS RUNNING 369466.814969 8136

006071 CLCCK REQUEST @ MUNGRAV T1=11401 SECONDS RUNNING 369466.887131 9963

LMY99 AGC 1 NASA 2021112-61 NEW SIMULATION MARKSPOT 2414415 /EYLES LRRADAR2. FMVNTFL /7/22/66 14:43 PACF 233  
/DUPLICATE LAMPING LAST SNAP 369450

06071 CLCCK REQUEST @ MUNGRAV T1=1427 SECONDS RUNNING 369467.115951 9489  
 LMY99 AGC 011 NASA 2121112-161 NEW SIMULATION HARSFOT 21414415 /EYLES /DUPLICATE LANDING LAST SNAP 369450

DISPLAYS = 63 16 68 +00601 -04X37 +99999 RELEASE DISPLAY 369467.1007

06071 CLCCK REQUEST @ MUNGRAV T1=1427 SECONDS RUNNING 369467.115951 9489  
 073121 CLCCK REQUEST @ QUADGUID T1=01517 SECONDS RUNNING 369467.67134 6779  
 072216 CLCCK REQUEST @ THROTTLE T1=01547 SECONDS RUNNING 369467.915818 7743  
 06071 CLCCK REQUEST @ FINDCDUW T1=01555 SECONDS RUNNING 369467.97074 2374  
 073473 CLCCK REQUEST @ P63DISPS T1=01631 SECONDS RUNNING 369468.41932 9226  
 073476 CLCCK REQUEST @ ENDLJDR T1=0163 SECONDS RUNNING 369469.405130 9609  
 062073 CLCCK REQUEST @ LRAIT T1=01617 SECONDS RUNNING 369469.718615 6269

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPX	DCY	THIRST	FCS	APOLU
LANDING	(STABLE	MEMBER	COORDS)	FCFVFL	LONG	PITCH	BALL-P	CDUZ	CPATE	ATT-Y	DPY	DCZ	DELTA	OPS	PEPILU
	METRIC	UNITS		ALTRATE	ALT	ROLL	BALL-Y	CDUZ	CPATE	ATT-Z	DPZ	DCZ	MASS	APS	
369468.7	1743898	21.0	1.79	- 55.1	0.91	0.71	359.89	- 1.47	0.00	0.87	16	0	9842	528.0	6.16
102:37:49	5263	- 8.7	0.00	2791.1	27.23	165.47	78.92	78.92	0.02	0.21	2	0	2.4	92.0	-798.89
LANDING	- 115317	84.65	- 3.78	- 111.7	361.62	- 0.44	0.46	0.01	0.04	0.10	- 755	0	24984	5186	

107441 CLCCK REQUEST @ READACES T1=01674 SECONDS RUNNING 369468.761248 2887  
 076206 CLCCK REQUEST @ SERVICER T1=01675 SECONDS RUNNING 369468.775587 1111  
 063150 CLCCK REQUEST @ PACAREAD T1=01761 SECONDS RUNNING 369468.814961 4462  
 06071 CLCCK REQUEST @ MUNGRAV T1=01713 SECONDS RUNNING 369468.916251 3114

DISPLAYS = 63 16 68 +00592 -04X34 +99999 RELEASE DISPLAY 369468.10013

06071 CLCCK REQUEST @ MUNGRAV T1=01747 SECONDS RUNNING 369469.191436 6597  
 073121 CLCCK REQUEST @ QUADGUID T1=02032 SECONDS RUNNING 369469.709618 914  
 072216 CLCCK REQUEST @ THROTTLE T1=02103 SECONDS RUNNING 36947.0118718 5725  
 06071 CLCCK REQUEST @ FINDCDUW T1=02110 SECONDS RUNNING 36947.0114263 9611  
 073473 CLCCK REQUEST @ P63DISPS T1=02147 SECONDS RUNNING 36947.0473323 5985  
 073476 CLCCK REQUEST @ ENDLJDR T1=02147 SECONDS RUNNING 36947.0476536 6259  
 063073 CLCCK REQUEST @ LRAIT T1=02177 SECONDS RUNNING 36947.0718615 6915

369470.7	1743936	18.4	0.91	- 55.1	0.91	0.74	359.87	- 1.47	0.00	0.87	16	1	9842	528.0	6.13
102:37:51	5172	- 8.7	0.00	2766.7	27.17	165.47	78.87	78.87	0.12	0.00	0	0	2.0	92.0	-810.55
LANDING	- 11366	84.63	- 3.78	- 111.6	355.57	- 0.45	0.46	0.01	0.04	0.10	- 757	0	24984	5186	

107441	CLCK	REQUEST @	READACCS	T1=02204	SECONDS	RUNNING	369470.761234	553
076206	CLCK	REQUEST @	SERVICER	T1=02205	SECONDS	RUNNING	369470.775091	1735
063150	CLCK	REQUEST @	RADAREAD	T1=02211	SECONDS	RUNNING	369470.814929	5135
006071	CLCK	REQUEST @	MUNGRAV	T1=02220	SECONDS	RUNNING	369470.881612	5825
006071	CLCK	REQUEST @	MUNGRAV	T1=02233	SECONDS	RUNNING	369470.895373	5933

DISPLAYS = 63 16 08 +00583 -14x32 +99999 RELEASE DISPLAY 369470.910006

073121	CLCK	REQUEST @	QUADGUID	T1=02337	SECONDS	RUNNING	369470.677112	8719
072216	CLCK	REQUEST @	THRITTLE	T1=02370	SECONDS	RUNNING	369470.924415	9811
006071	CLCK	REQUEST @	FINDCOLW	T1=02375	SECONDS	RUNNING	369470.974336	4771
073473	CLCK	REQUEST @	P63DISPS	T1=02451	SECONDS	RUNNING	369470.466310	0933
073476	CLCK	REQUEST @	ENDLLJOB	T1=02451	SECONDS	RUNNING	369470.419512	1226
063073	CLCK	REQUEST @	LRLALT	T1=02507	SECONDS	RUNNING	369470.718600	7582

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, ET, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	DGX	THRUST	RCS	APOLU
LANDING	(STABLE	MEMBER	COORDS)	FCRVEL	LONG	PITCH	BALL-P	CDUY	ORATE	ATT-Y	DPPY	DGY	DELTA V	DPS	PEFILU
	METRIC	UNITS		ALT RATE	ALT	ROLL	BALL-Y	CDUZ	PRATE	ATT-Z	DPPZ	DGZ	MASS	APS	
369470.7	1743971	16.3	1.81	55.0	0.91	1.67	359.94	1.47	1.10	0.87	163		9844	528.0	0.16
102:37:53	5155	8.7	1.71	2742.3	27.12	1.65	78.63	78.62	0.9	0.21	2	0	2854	916	-804.39
LANDING	131969	831.7	3.79	104.0	35750	1.46	1.47	1.05	0.02	0.10	759		24654	5189	

107441	CLCK	REQUEST @	READACCS	T1=02514	SECONDS	RUNNING	369470.761262	1022
076206	CLCK	REQUEST @	SERVICER	T1=02515	SECONDS	RUNNING	369470.777327	2592
063150	CLCK	REQUEST @	RADAREAD	T1=02521	SECONDS	RUNNING	369470.814863	5706
006071	CLCK	REQUEST @	MUNGRAV	T1=02527	SECONDS	RUNNING	369470.886994	1951

DISPLAYS = 63 16 08 +00573 -14x30 +99999 RELEASE DISPLAY 369470.910018

006071	CLCK	REQUEST @	MUNGRAV	T1=02557	SECONDS	RUNNING	369470.9114956	1414
073121	CLCK	REQUEST @	QUADGUID	T1=02647	SECONDS	RUNNING	369470.673020	9125
072216	CLCK	REQUEST @	THRITTLE	T1=02777	SECONDS	RUNNING	369470.919361	7146
006071	CLCK	REQUEST @	FINDCOLW	T1=02775	SECONDS	RUNNING	369470.972511	4682
073473	CLCK	REQUEST @	P63DISPS	T1=02765	SECONDS	RUNNING	369470.47735	1551
073476	CLCK	REQUEST @	ENDLLJOB	T1=02761	SECONDS	RUNNING	369470.418239	1924

063073 CLCCK REQUEST @ LRALT T1=03017 SECONDS RUNNING 360476.710500 0240

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-P	CDUX	PRATF	ATT-X	DPX	CGX	THRUST	PCS	AROLL
LANDING	(STABLE MEMBER METRIC UNITS)	COORDS)	FORVEL	ALTRATE	LONG	PITCH	BALL-P	CDUY	ORATF	ATT-Y	DPY	DGY	DELTA V	DPS	PERILU
369476.7	1744003	15.3	0.83	-55.1	0.91	-0.73	359.91	-0.48	-0.00	0.87	165	0	9844	528.0	6.7
102:37:55	5130	8.7	0.01	2717.6	27.6	165.14	78.44	78.44	-0.09	0.21	2	0	2179	9.95	-817.00
LANDING	100312	824.3	3.8	-175.2	35541	-0.46	0.47	-0.08	-0.13	0.0	-76	0	24780	5180	

107441 CLCCK REQUEST @ READACCS T1=03024 SECONDS RUNNING 360476.761222 1895

076206 CLCCK REQUEST @ SERVICE0 T1=03025 SECONDS RUNNING 360476.776171 2152

063150 CLCCK REQUEST @ RADAREAD T1=03031 SECONDS RUNNING 360476.814867 6463

006971 CLCCK REQUEST @ MUNGRAV T1=03041 SECONDS RUNNING 360476.885791 2515

006071 CLCCK REQUEST @ MUNGRAV T1=03053 SECONDS RUNNING 360476.905473 1917

DJSRLAYS = 63 16 68 +0504 -4X28 +99999 RELEASE DISPLAY 360476.90002

073121 CLCCK REQUEST @ QUADGUID T1=03057 SECONDS RUNNING 360476.917385 0511

072210 CLCCK REQUEST @ THRATTLE T1=03077 SECONDS RUNNING 360476.918513 0647

006971 CLCCK REQUEST @ FINDCDUX T1=03213 SECONDS RUNNING 360476.99994 4176

073473 CLCCK REQUEST @ P63E1SPS T1=03270 SECONDS RUNNING 360476.941720 1876

073476 CLCCK REQUEST @ FNDLLJCH T1=03277 SECONDS RUNNING 360476.944942 2140

063073 CLCCK REQUEST @ LRALT T1=03277 SECONDS RUNNING 360476.718600 0916

369476.7	1744003	13.7	0.84	-55.0	0.91	-0.73	359.88	-0.48	-0.00	0.87	171	0	9845	528.0	6.4
102:37:57	5122	8.7	0.01	2693.0	27.6	165.5	78.29	78.28	-0.06	0.10	0	0	2904	9.31	-819.76
LANDING	98671	816.9	3.81	-106.2	35229	-0.47	0.48	-0.10	-0.12	0.00	-762	0	24734	5180	

107441 CLCCK REQUEST @ READACCS T1=03334 SECONDS RUNNING 360476.761211 2551

076206 CLCCK REQUEST @ SERVICE0 T1=03335 SECONDS RUNNING 360476.775015 2779

063150 CLCCK REQUEST @ RADAREAD T1=03241 SECONDS RUNNING 360476.814382 7131

006971 CLCCK REQUEST @ MUNGRAV T1=03351 SECONDS RUNNING 360476.882419 2993

006071 CLCCK REQUEST @ MUNGRAV T1=03363 SECONDS RUNNING 360476.905364 2575

DISPLAYS =	073121	CLCK REQUEST @ QUADGUID	T1=03447	SECONDS RUNNING	369477.071161	02
LMY99	AGC	001 NASA 2121112-061 NEW SIMULATION	MARSKOT 2/414415 /EYLES	LRPADAR2.0 FMCNTFL 7/22/80 14:45	PAGE 236	369450
	072216	CLCK REQUEST @ THROTTLE	T1=03517	SECONDS RUNNING	369477.016896	1169
	006071	CLCK REQUEST @ FINDCDUW	T1=03524	SECONDS RUNNING	369477.969653	5571
	073473	CLCK REQUEST @ P63DISPS	T1=03577	SECONDS RUNNING	369478.009580	2358
	073476	CLCK REQUEST @ ENDLLJOB	T1=03600	SECONDS RUNNING	369478.403746	2714
	063073	CLCK REQUEST @ LRLALT	T1=03637	SECONDS RUNNING	369478.718607	9582

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPY	DGY	THUST	RCS	APOLU
LANDING	(STABLE MEMBER METRIC UNITS)	COORDS)	FORVEL	ALTRATE	LONG	PITCH	BALL-P	CDUY	RRATE	ATT-Y	DPPZ	DGZ	DELTA V	DPS	PEPILU
369478.7	1744J59	12.2	0.85	- 54.9	0.91	- 0.72	350.91	- 0.49	- 0.00	0.87	171	0	9845	522.0	6.11
102:37:59	5105	- 8.7	0.70	2668.6	26.96	165.05	78.23	70.23	- 0.00	0.21	2	0	2929	845	-812.39
LANDING -	57.044	8.9.4	- 3.82	- 107.63	35116	- 0.48	0.48	- 0.08	- 0.00	0.00	- 763	0	24659	5189	

107441	CLCK REQUEST @ READACCS	T1=03644	SECONDS RUNNING	369478.761211	218
076206	CLCK REQUEST @ SERVICER	T1=03645	SECONDS RUNNING	369478.776927	4559
063150	CLCK REQUEST @ RACAREAD	T1=03651	SECONDS RUNNING	369478.814859	7795
006071	CLCK REQUEST @ MUNGRAV	T1=03660	SECONDS RUNNING	369478.86648	387

DISPLAYS = 63 16 68 +0547 -04X23 +99999 RELEASE DISPLAY 369478.00004

006071	CLCK REQUEST @ MUNGRAV	T1=03707	SECONDS RUNNING	369478.115379	3443
073121	CLCK REQUEST @ QUADGUID	T1=03777	SECONDS RUNNING	369479.070881	1843
072216	CLCK REQUEST @ THROTTLE	T1=04027	SECONDS RUNNING	369479.915914	1752
006071	CLCK REQUEST @ FINDCDUW	T1=04035	SECONDS RUNNING	369479.970822	6436
073473	CLCK REQUEST @ P63DISPS	T1=04107	SECONDS RUNNING	369480.009932	2055
073476	CLCK REQUEST @ ENDLLJOB	T1=04110	SECONDS RUNNING	369480.404098	3411
063073	CLCK REQUEST @ LRLALT	T1=04147	SECONDS RUNNING	369480.718617	9239

369480.7	1744J82	1.7	0.86	- 54.9	0.91	- 0.76	269.87	- 0.49	- 0.00	0.87	173	0	9845	522.0	5.97
102:38:1	5089	- 8.7	0.70	2644.0	26.96	165.01	78.14	70.14	- 0.00	0.10	2	0	2055	801	-815.00
LANDING -	55432	8.1.9	- 3.83	- 108.5	34900	- 0.49	0.49	- 0.13	0.01	0.00	- 765	0	24604	5180	

107441	CLCK REQUEST @ READACCS	T1=04154	SECONDS RUNNING	369480.761211	3836
076206	CLCK REQUEST @ SERVICER	T1=04155	SECONDS RUNNING	369480.776927	5151
063150	CLCK REQUEST @ RACAREAD	T1=04161	SECONDS RUNNING	369480.814859	8462

7547384



LMY99 AGC 001 NASA 2121112-01 NEW SIMULATION MARSPDT 21-414415 /EYLEFS LRPADAN 20 FNVCMTEL 27/07/AT 14:47 PAGES 237 /DUPLICATE LANDER LAST SNAP 09450

006071	CLOCK REQUEST @ MUNGRAV	T1=04170	SECONDS RUNNING	369481.000000	4474
006071	CLOCK REQUEST @ MUNGRAV	T1=04273	SECONDS RUNNING	369481.000000	3955
DISPLAYS =	63 16 08	+10538 -04X21 +99459	RELEASE DISPLAY	369481.000000	
073121	CLOCK REQUEST @ QUADGUID	T1=04317	SECONDS RUNNING	369481.000000	1514
072216	CLOCK REQUEST @ THROTTLE	T1=04337	SECONDS RUNNING	369481.000000	2436
006071	CLOCK REQUEST @ FINDCDUW	T1=04344	SECONDS RUNNING	369481.000000	7124
073473	CLOCK REQUEST @ P63DISPS	T1=04420	SECONDS RUNNING	369481.000000	4100
073476	CLOCK REQUEST @ ENDLLJCB	T1=04420	SECONDS RUNNING	369481.000000	4363
063073	CLOCK REQUEST @ LRALT	T1=04457	SECONDS RUNNING	369481.000000	1015

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-F	CDUX	PRATE	ATT-X	DPX	CGY	THRUST	FCG	APDU
LANDING	(STABLE MEMBER METRIC	UNITS	COURS)	FCRVFL	LONG	PITCH	BALL-P	CDUY	QRATF	ATT-Y	DPY	CGZ	DELTA	DPS	PPILU
				ALTRATE	ALT	PCLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPZ	CGZ	MASS	APS	
369482.7	1744102	9.3	0.86	-54.08	109.0	0.74	359.9	0.50	0.00	0.76	174		9246	528.0	5.94
102:38:3	5072	8.6	0.00	2619.03	200.85	164.05	78.00	78.00	0.00	0.21	2		2087	2886	-817.5P
LANDING	93835	75.4	3.84	-100.6	34682	0.49	0.49	0.00	0.00	0.15	767		2420	6180	

107441	CLOCK REQUEST @ READACCS	T1=04464	SECONDS RUNNING	369482.000000	4551
076206	CLOCK REQUEST @ SERVICER	T1=04465	SECONDS RUNNING	369482.000000	5754
063150	CLOCK REQUEST @ RADAREAD	T1=04471	SECONDS RUNNING	369482.000000	9131
006071	CLOCK REQUEST @ MUNGRAV	T1=04570	SECONDS RUNNING	369492.000000	4842
006071	CLOCK REQUEST @ MUNGRAV	T1=04513	SECONDS RUNNING	369492.000000	4491
DISPLAYS =	63 16 08	+0529 -04X19 +99999	RELEASE DISPLAY	369483.000000	
073121	CLOCK REQUEST @ QUADGUID	T1=04616	SECONDS RUNNING	369483.000000	1219
072216	CLOCK REQUEST @ THROTTLE	T1=04647	SECONDS RUNNING	369483.000000	2922
006071	CLOCK REQUEST @ FINDCDUW	T1=04653	SECONDS RUNNING	369483.000000	6677
073473	CLOCK REQUEST @ P63DISPS	T1=04727	SECONDS RUNNING	369483.000000	4100
073476	CLOCK REQUEST @ ENDLLJCB	T1=04727	SECONDS RUNNING	369483.000000	4370
063073	CLOCK REQUEST @ LRALT	T1=04767	SECONDS RUNNING	369483.000000	1582

369486.7 1744119 7.06 3.87 - 34.5 0.00 - 0.85 350.81 - 11.50 - 0.88 0.76 176 9847 522.9 5.98  
 102:38: 5 5756 - 3.66 0.00 2594.5 26.8 164.99 77.92 - 77.92 - 0.11 - 0.11 1 0 3105 3771 - 822.64

LRPADAR2. FMVCONTPL = 7/23/69 14:43 PAGE 238  
 LMY99 AGC 001 NASA 2021112- 61 NEW SIMULATION MARSHOT 20414415 /EYLES /DUPLICATE LANDING LAST SNAP 369450

LANDING -	92253	786.9 - 3.84 - 111.7	34461 - 1.50	1.50 - 0.19 - 1.04	0.00 - 7.69	24465	5189		
107441	CLCK REQUEST @ READACCS				T1=04774	SECONDS RUNNING	369486.761214	5218	
076206	CLCK REQUEST @ SFRVICER				T1=04775	SECONDS RUNNING	369486.778016	6452	
063150	CLCK REQUEST @ RADAREAD				T1=05001	SECONDS RUNNING	369486.814891	8798	
006071	CLCK REQUEST @ MUNGRAV				T1=05011	SECONDS RUNNING	369486.867954	6033	
DISPLAYS =	63	16	68	+052	-04X17	+99999	RELEASE DISPLAY	369486.00004	
006071	CLCK REQUEST @ MUNGRAV				T1=05027	SECONDS RUNNING	369486.911641	5527	
073121	CLCK REQUEST @ QUADGUID				T1=05127	SECONDS RUNNING	369486.971356	2798	
072216	CLCK REQUEST @ THROTTLE				T1=05157	SECONDS RUNNING	369486.916510	3813	
006071	CLCK REQUEST @ FINDCCLW				T1=05165	SECONDS RUNNING	369486.971655	8423	
073473	CLCK REQUEST @ P63DISPS				T1=05241	SECONDS RUNNING	369486.941234	5313	
073476	CLCK REQUEST @ ENDLJCB				T1=05240	SECONDS RUNNING	369486.941238	5576	
063073	CLCK REQUEST @ LRALT				T1=05277	SECONDS RUNNING	369486.971867	2249	

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-P	CDUX	PRATE	ATT-X	DPPX	DGX	THPUST	PCS	APOLI
LANDING	(STABLE	MEMBER	COORDS)	EGRVEL	LONG	PITCH	BALL-P	CDUY	QRATE	ATT-Y	DPPY	DGY	DELTA V	DPS	PERILU
	METRIC	UNITS		ALT RATE	ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	DGZ	MASS	APS	
369486.7	1744133	6.4	1.88	- 54.5	26.87	- 2.86	350.79	- 77.87	- 0.00	0.76	179	0	9843	522.9	5.98
102:38:7	5035	3.7	0.00	- 256.96	26.75	164.83	77.87	- 77.87	- 0.00	0.21	1	0	3021	47.0	- 822.64
LANDING -	91686	779.4 - 3.85 - 111.8			34239 - 1.51	0.51	- 0.20	0.71	0.00 - 7.71	0.00	0	0	24465	5189	

107441	CLCK REQUEST @ READACCS				T1=05304	SECONDS RUNNING	369486.761215	5885	
076206	CLCK REQUEST @ SFRVICER				T1=05305	SECONDS RUNNING	369486.775984	7145	
063150	CLCK REQUEST @ RADAREAD				T1=05311	SECONDS RUNNING	369486.814882	8464	
006071	CLCK REQUEST @ MUNGRAV				T1=05320	SECONDS RUNNING	369486.885843	6510	
006071	CLCK REQUEST @ MUNGRAV				T1=05333	SECONDS RUNNING	369486.990179	5935	

DISPLAYS =	63	16	68	+0512	-04X14	+99999	RELEASE DISPLAY	369486.000016	
073121	CLCK REQUEST @ QUADGUID				T1=05436	SECONDS RUNNING	369486.668018	3265	
072216	CLCK REQUEST @ THROTTLE				T1=05467	SECONDS RUNNING	369486.914021	4259	
006071	CLCK REQUEST @ FINDCDUW				T1=05473	SECONDS RUNNING	369486.971441	7962	

073473	CLCK REQUEST @ P63DISPS	T1=05547	SECONDS RUNNING	369488.399317	5669
073476	CLCK REQUEST @ ENDLLJCB	T1=05550	SECONDS RUNNING	369488.413483	6025
063073	CLCK REQUEST @ LRALT	T1=05607	SECONDS RUNNING	369488.718607	2915

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPX	DY	TILT	PCS	APDU
LANDING	(STABLE MEMBER COCRDS)	METRIC UNITS		FCRVEL	LONG	PITCH	PALL-P	CDUY	QRATE	ATT-Y	DPPY	DGZ	DELTA V	OPS	PERILU
				ALTRATE	ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	DG7	MASS	AFS	
369488.7	1744145	4.9	0.89	- 54.8	0.90	- 0.78	35.87	- 0.51	- 0.00	0.76	180	0	9849	528.9	5.84
102:38:9	5023	- 2.7	0.00	2544.7	26.70	164.79	77.77	77.72	- 0.11	- 0.10	0	0	3154	8641	-825.12
LANDING	- 89134	771.8	- 3.86	- 113.0	24.14	- 0.52	0.51	- 0.12	0.13	0.1	- 772	0	24335	5185	

107441	CLCK REQUEST @ READACCS	T1=05614	SECONDS RUNNING	369488.761215	6551
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RANGE DATA GOOD BIT CHANGED TO 1 AT T = 369488.77

076206	CLCK REQUEST @ SERVICER	T1=05615	SECONDS RUNNING	369488.775342	7808
063150	CLCK REQUEST @ RADAREAD	T1=05621	SECONDS RUNNING	369488.814382	1121
006071	CLCK REQUEST @ MUNGRAV	T1=05630	SECONDS RUNNING	369488.828273	4923
006071	CLCK REQUEST @ MUNGRAV	T1=05643	SECONDS RUNNING	369488.845698	6560

DISPLAYS = 63 16 68 +1.5 3 -1.4x12 +99999 RELEASE DISPLAY 369488.80016

073121	CLCK REQUEST @ QUADGUID	T1=05746	SECONDS RUNNING	369488.868797	2098
072216	CLCK REQUEST @ THRITTLE	T1=05777	SECONDS RUNNING	369488.8914299	4948
006071	CLCK REQUEST @ FINCDPUW	T1=06003	SECONDS RUNNING	369488.957708	8652
073473	CLCK REQUEST @ P63DISPS	T1=06060	SECONDS RUNNING	369488.962475	6415
073476	CLCK REQUEST @ ENDLLJCB	T1=06109	SECONDS RUNNING	369488.975679	6879
063073	CLCK REQUEST @ LRALT	T1=06117	SECONDS RUNNING	369488.9718608	3582

369490.7	1744153	3.5	0.91	- 54.7	0.9	- 0.75	35.8	- 0.52	- 0.00	0.76	182	0	9849	528.9	5.81
102:38:11	5116	- 8.6	0.01	2519.5	26.65	164.67	77.24	77.54	- 0.14	- 0.21	0	0	3122	8571	-827.55
LANDING	- 87598	744.3	- 3.87	- 114.1	33.86	- 0.53	0.51	- 0.08	0.02	0.0	- 774	0	2427	5189	

107441	CLCK REQUEST @ READACCS	T1=06124	SECONDS RUNNING	369488.9761244	7221
076206	CLCK REQUEST @ SERVICER	T1=06125	SECONDS RUNNING	369488.977223	8584
063150	CLCK REQUEST @ RADAREAD	T1=06131	SECONDS RUNNING	369488.9814885	1708
006071	CLCK REQUEST @ MUNGRAV	T1=06143	SECONDS RUNNING	369488.9887176	7084

DISPLAYS =	63	16	08	+17495	-04X10	+99999	RELEASE DISPLAY	369491	0000
006071	CLOCK REQUEST @ MUNGRAV	T1=06167	SECONDS RUNNING	369491.116463	7566				
073121	CLOCK REQUEST @ QUADGUID	T1=06257	SECONDS RUNNING	369491.67795	4849				
072216	CLOCK REQUEST @ THPCTTLE	T1=06307	SECONDS RUNNING	369491.916408	5794				
006071	CLOCK REQUEST @ FINDCDUW	T1=06315	SECONDS RUNNING	369491.971901	6530				
073473	CLOCK REQUEST @ P63DISPS	T1=06370	SECONDS RUNNING	369492.413587	7367				
073476	CLOCK REQUEST @ ENDLLJOB	T1=06370	SECONDS RUNNING	369492.406792	764				
063073	CLOCK REQUEST @ LRALT	T1=06427	SECONDS RUNNING	369492.718670	4249				

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	P	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	DCX	THRUST	WCS	APDU
LANDING	(STABLE MEMBER METRIC UNITS)	COORDS)	FCRVEL	ALTRATE	LONG	PITCH	BALL-P	CDUY	GRATE	ATT-Y	DPPY	DCY	DELTAV	WPS	PERILU
					ALT	ROLL	BALL-Y	CDUZ	PPATE	ATT-Z	DPPZ	DGZ	MASS	WPS	
369492.7	1744159	2.1	0.92	- 54.5	0.90	- 0.66	0.00	- 0.52	- 0.00	0.76	185	0	98.9	528.9	5.77
102:38:13	4989	- 8.6	0.11	2494.0	2267	164.61	77.43	77.43	- 0.08	0.10	3	0	31.7	9511	-830.11
LANDING -	86076	756.7	- 3.88	- 115.2	32557	- 0.53	0.52	0.1	0.10	- 0.10	- 775	0	242.5	5189	

107441	CLOCK REQUEST @ PEADACCS	T1=06434	SECONDS RUNNING	369492.761245	7987
076206	CLOCK REQUEST @ SERVICER	T1=06435	SECONDS RUNNING	369492.775547	9118
063150	CLOCK REQUEST @ PADAPRAD	T1=06441	SECONDS RUNNING	369492.814888	2465
006071	CLOCK REQUEST @ MUNGRAV	T1=06450	SECONDS RUNNING	369492.883934	8357
006071	CLOCK REQUEST @ MUNGRAV	T1=06463	SECONDS RUNNING	369492.905112	7843

DISPLAYS =	63	16	08	+17487	-04X08	+99999	RELEASE DISPLAY	369493	00011
073121	CLOCK REQUEST @ QUADGUID	T1=06566	SECONDS RUNNING	369493.677761	5247				
072216	CLOCK REQUEST @ THPCTTLE	T1=06617	SECONDS RUNNING	369493.913325	6241				
006071	CLOCK REQUEST @ FINDCDUW	T1=06620	SECONDS RUNNING	369493.924912	7187				
073473	CLOCK REQUEST @ P63DISPS	T1=06677	SECONDS RUNNING	369494.098853	7630				
073476	CLOCK REQUEST @ ENDLLJOB	T1=06700	SECONDS RUNNING	369494.413200	7905				
063073	CLOCK REQUEST @ LRALT	T1=06737	SECONDS RUNNING	369494.718670	4915				

369494.7	1744152	0.8	0.93	- 54.2	0.9	- 0.59	0.7	- 0.52	- 0.0	0.76	188	0	98.9	528.9	5.74
102:38:15	4573	- 8.6	0.12	2499.7	26.55	164.46	77.24	77.24	- 0.7	0.1	4	0	31.7	9766	-820.70
LANDING -	8457	749.1	- 3.89	- 116.2	32225	- 0.54	0.62	0.7	0.10	- 0.10	- 778	0	241.6	5189	

369496.7 1744152 7.08 3.93 - 54.2 0.91 - 0.55 0.17 - 0.52 - 0.07 0.70 1.81 0.05 528.0 5.74  
 102:38:15 4573 - 8.6 3.92 2449.7 26.55 164.46 77.24 77.24 - 0.17 - 0.1 4 31.77 4.66 - 832.39  
 LANDING - 8457 74.1 - 3.89 - 116.3 3325 - 0.54 0.52 0.7 - 0.3 0 - 77 2.14 11.0

LMY99 ACC 1 NASA 2121112- 61 NEW SIMULATION MARSPOT 2 414415 /EYLF5 LFPADAR2 ENVCHTPL 7/27/68 14:43 PAGE 241  
 /DUPLICATE LANDING LAST SNAP 369496

107441 CLCK REQUEST @ READACCS T1=06744 SECONDS RUNNING 369496.761324 0554  
 076206 CLCK REQUEST @ SERVICER T1= 6745 SECONDS RUNNING 369496.7776871 0947  
 063150 CLCK REQUEST @ RACARAC T1=06751 SECONDS RUNNING 369496.814497 2133  
 006071 CLCK REQUEST @ MUNGRAV T1=0676 SECONDS RUNNING 369496.884480 071  
 DISPLAYS = 63 16 68 +77479 -04X06 +99999 RELEASE DISPLAY 369496.10025  
 006071 CLCK REQUEST @ MUNGRAV T1=07007 SECONDS RUNNING 369496.112525 8531  
 073121 CLCK REQUEST @ QUADGUIN T1=07102 SECONDS RUNNING 369496.507863 0997  
 072216 CLCK REQUEST @ THRATTLE T1= 7103 SECONDS RUNNING 369496.11459 4040  
 006071 CLCK REQUEST @ FINDCROW T1=0716 SECONDS RUNNING 369496.163941 0251

T = 369496.19. ASTRONAUT SEES DESIRED DISPLAYS.

MODE 63 VERB 16 NOUN 68 FLASH R1 + 47 R2 - 4034 83 + 9999 CK FAIL PCM ALM TEL DSPLY 1  
 UPLINK 0

073473 CLCK REQUEST @ P63DISP T1=07217 SECONDS RUNNING 369496.07613 0101  
 073476 CLCK REQUEST @ ENDLJCB T1=07217 SECONDS RUNNING 369496.079117 0166  
 063073 CLCK REQUEST @ LRLAT T1=07247 SECONDS RUNNING 369496.0718610 0592

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-P	COU	PRATE	ATT-X	DPY	CGX	TRPST	WCS	APOLU
LANDING	(STABLE MEMBER METRIC UNITS)	(COORDS)	FCRVEL	LONG	PITCH	ROLL	BALL-P	COU	RRATE	ATT-Y	DPY	DGY	DELTA V	DPS	PEPILU
			ALTRATE	ALT			BALL-Y	COUZ		ATT-Z	DPZ	DGZ	MASS	APS	
369496.7	1744152	0.4	0.94	54.0	3.89	0.58	0.9	0.52	0.07	0.76	1.89		0.85	528.0	5.74
102:38:17	4957	8.6	3.92	2444.6	26.55	164.46	77.24	77.24	0.12	0.21	5		21.80	83.1	-834.76
LANDING	83079	74.1	3.89	117.3	331.92	0.54	0.52	0.18	0.1	0.7	77.9		24.75	51.89	

107441 CLCK REQUEST @ READACCS T1= 7254 SECONDS RUNNING 369496.761322 0735  
 076206 CLCK REQUEST @ SERVICER T1= 7255 SECONDS RUNNING 369496.777334 504  
 063150 CLCK REQUEST @ RACARAC T1=07261 SECONDS RUNNING 369496.814870 2797  
 006071 CLCK REQUEST @ MUNGRAV T1=0727 SECONDS RUNNING 369496.887652 077  
 DISPLAYS = 63 16 68 +1047 -04X04 -01954 RELEASE DISPLAY 369496.10010  
 006071 CLCK REQUEST @ MUNGRAV T1=07317 SECONDS RUNNING 369496.136590 0511  
 073121 CLCK REQUEST @ QUADGUIN T1= 742 SECONDS RUNNING 369496.76587 448

006071	CLCK	REQUEST @	FINDCDUW	T1=07470	SECONDS	RUNNING	369498.168876	9337
LMY99	AGC	001	NASA 2021112-161 NEW SIMULATION	MAPSROT 29414415 /EYLF5	LPPADAR2	ENVNTEFL (7722/60	14:43	PAGE 242
						/DUPLICATE LANDING	LAST SNAP	369450
073473	CLCK	REQUEST @	P63CISPS	T1=07530	SECONDS	RUNNING	369498.481564	6121
073476	CLCK	REQUEST @	ENDLLJCB	T1= 7530	SECONDS	RUNNING	369498.484769	6294
063073	CLCK	REQUEST @	LRALT	T1=07557	SECONDS	RUNNING	369498.71860	6249

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LRS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PPATE	ATT-X	DPPX	DGX	THRUST	IICS	APOLU					
LANDING	(STABLE MEMBER	CGRES)	FCRVEL	LCNG	PITCH	BALL-P	CDUY	ORATE	ATT-Y	DPPY	DGY	DELTA V	APS	PERILU						
	METRIC	UNITS	ALTPATE	ALT	PCLL	BALL-Y	CDUZ	PRATE	ATT-Z	DPPZ	DGZ	MASS	APS							
369498.7	174416	-	1.7	0.95	-	53.8	0.89	-	0.55	0.12	-	0.52	-	0.00	0.76	102	0	9851	528.6	5.67
102:38:19	454	-	8.5	0.02	2419.4	26.45	164.37	77.05	0.14	0.00	4	3185	9318	-837.09						
LANDING	81673	733.8	-	3.91	-	118.4	32656	-	0.55	0.53	0.12	0.01	0.00	-	78	24.1	5180			

107441	CLCK	REQUEST @	PEADACC5	T1=07564	SECONDS	RUNNING	369498.761235	9886
076206	CLCK	REQUEST @	SERVICER	T1=07565	SECONDS	RUNNING	369498.775634	1115
063150	CLCK	REQUEST @	RACAPEAD	T1=07571	SECONDS	RUNNING	369498.814860	4463
066071	CLCK	REQUEST @	MUNGRAV	T1=07610	SECONDS	RUNNING	369498.885926	7527
066071	CLCK	REQUEST @	MUNGPAV	T1=07613	SECONDS	RUNNING	369498.996415	9955
DISPLAYS =	63	16	68	+0462	-0401	-00099	RELEASE DISPLAY	369498.10008
073121	CLCK	REQUEST @	QUADGUID	T1= 7730	SECONDS	RUNNING	369498.788500	5847

SNAPSHOT 369500 SECONDS RUNNING 369500.00005

072216	CLOCK REQUEST @ THROTTLE	T1=1000	SECONDS RUNNING	369500143550	9551
006071	CLOCK REQUEST @ FINDCDOW	T1=10001	SECONDS RUNNING	369500173384	130
073473	CLOCK REQUEST @ P63DISPS	T1=10041	SECONDS RUNNING	369500491741	7556
073476	CLOCK REQUEST @ ENLLJOB	T1=10041	SECONDS RUNNING	369500704945	7831
063073	CLOCK REQUEST @ LRLT	T1=10067	SECONDS RUNNING	369500718619	8916

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-P	CDUX	PRATE	ATT-X	DPYX	DGX	TRFUST	PCS	APDLU
LANDING	(STAELE MEMBER METRIC)	(MEMBER UNITS)	(COORDS)	(FORVEL ALTRATE)	(LONG ALT)	(PITCH ROLL)	(BALL-P FALL-Y)	(CDUY CDUZ)	(CPATE PRATE)	(ATT-Y ATT-Z)	(DPY DPZ)	(DGZ)	(PFLTAV MASS)	(DPS APS)	(PERLU)
369500.7	1744155	- 30.4	0.96	- 50.6	0.89	- 0.59	0.09	- 0.53	- 0.00	0.70	194		9852	528.9	5.63
102:38:21	4924	- 80.5	0.2	294.1	26.41	164.27	76.90	76.90	- 0.01	- 0.21	5		3271	3251	-440.4
LANDING	- 80143	72.01	- 3.91	- 119.5	32618	- 0.56	0.53	0.18	0.00	0.01	- 783		22845	5180	
107441	CLOCK REQUEST @ READACCS	T1=10074	SECONDS RUNNING	36950071238	553										
076206	CLOCK REQUEST @ SERVICER	T1=10075	SECONDS RUNNING	36950077635	1016										
063150	CLOCK REQUEST @ RACAFAC	T1=10111	SECONDS RUNNING	36950081686	5129										
006071	CLOCK REQUEST @ MUNGRAV	T1=10111	SECONDS RUNNING	36950082317	971										
006071	CLOCK REQUEST @ MUNGRAV	T1=10123	SECONDS RUNNING	369500896214	604										
DISPLAYS =	63	16	68	+00454	-(3X59	-0011)							RELEASE DISPLAY		36950090010
073121	CLOCK REQUEST @ QUADGUID	T1=10124	SECONDS RUNNING	369500965430	6245										
072216	CLOCK REQUEST @ THROTTLE	T1=10304	SECONDS RUNNING	369501010132	6768										
006071	CLOCK REQUEST @ FINDCDOW	T1=10311	SECONDS RUNNING	369501017293	793										
073473	CLOCK REQUEST @ P63DISPS	T1=10347	SECONDS RUNNING	3695010479232	7155										
073476	CLOCK REQUEST @ ENLLJOB	T1=10351	SECONDS RUNNING	3695010483390	7511										
063073	CLOCK REQUEST @ LRLT	T1=10377	SECONDS RUNNING	3695010718619	7582										
369502.7	1744148	- 40.3	0.97	- 50.4	0.89	- 0.56	0.12	- 0.54	- 0.00	0.76	195		9852	528.9	5.61
102:38:23	4908	- 80.4	0.2	230.8	26.35	164.25	76.83	76.83	- 0.08	- 0.11	6		3276	3186	-641.68
LANDING	- 78698	71.84	- 3.92	- 120.5	32378	- 0.56	0.54	0.12	- 0.01	0.00	- 784		2288	5180	

107441 CLCCK REQUEST @ RADACALCS  
076206 CLCCK REQUEST @ SERVICEP  
063150 CLCCK REQUEST @ RADARFAC

T1=10404  
T1=10405  
T1=10411

SECONDS RUNNING  
SECONDS RUNNING  
SECONDS RUNNING

36052.761236  
36052.777275  
369502.814928

122  
2588  
5861

1547392



006071	CLOCK REQUEST @ MUNGRAV	T1=10421	SECONDS RUNNING	3695007164	1964
DISPLAYS =	63 16 68 +07446 -03X57 -0013		RELEASE DISPLAY		36950070023
006071	CLOCK REQUEST @ MUNGRAV	T1=10447	SECONDS RUNNING	369500716170	1968
073121	CLOCK REQUEST @ QUADGUID	T1=10550	SECONDS RUNNING	369500760668	7017
072216	CLOCK REQUEST @ THROTTLE	T1=10617	SECONDS RUNNING	369500758508	454
006071	CLOCK REQUEST @ FINDCOW	T1=10620	SECONDS RUNNING	369500769225	1368
073473	CLOCK REQUEST @ P63DISRS	T1=10660	SECONDS RUNNING	369500401862	8046
073476	CLOCK REQUEST @ ENCLLJOB	T1=10666	SECONDS RUNNING	3695004085766	132
063073	CLOCK REQUEST @ LRALT	T1=10717	SECONDS RUNNING	369500718510	8249

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME LANDING	R (STABLE MEMBER)	V (MEMBER CORDS)	A (MEMBER CORDS)	LATVEL FORVEL ALTRATE	LAT LONG ALT	YAW PITCH ROLL	BALL-R BALL-P BALL-Y	COUZY COUZ	RPATE CPATE RRATE	ATT-X ATT-Y ATT-Z	DRPX DRPY DRZ	DGX DGX DGZ	THFLST DELTAV MASS	PCSS FPS	APOLU PFPILU
369500.7	1744138	-	5.6	0.98 - 53.1	1.89 - 3.57	0.11 - 0.57	0.11 - 0.54	0.11 - 0.54	0.11 - 0.54	0.76 198	1.98	1.98	995 5.00	5.00	5.00
102:38:25	4892	-	8.4	0.2 2342.64	26.30 164.22	7.076	7.076	7.076	7.076	0.21 5	5	5	3272 3122	-843.92	
LANDING -	77268		71.07	3.93 - 121.6	32135 - 1.57	0.54	0.54	0.54	0.54	0.17 - 787	787	787	22815 51.0		

107441	CLOCK REQUEST @ READACCS	T1=10714	SECONDS RUNNING	369500761225	1847
076206	CLOCK REQUEST @ SERVICER	T1=10715	SECONDS RUNNING	369500775585	3111
063150	CLOCK REQUEST @ RACAREAD	T1=10721	SECONDS RUNNING	369500814978	6464
006071	CLOCK REQUEST @ MUNGRAV	T1=10733	SECONDS RUNNING	369500916716	5154
DISPLAYS =	63 16 68 +07434 -03X55 -0017		RELEASE DISPLAY		36950070013

006071	CLOCK REQUEST @ MUNGRAV	T1=10767	SECONDS RUNNING	3695009102416	6880
073121	CLOCK REQUEST @ QUADGUID	T1=10764	SECONDS RUNNING	369500819743	1359

ASTRONAUT KEYSTROKE "VERB"	FOR TIME	3695006.100
ASTRONAUT KEYSTROKE "5"	FOR TIME	3695006.440
ASTRONAUT KEYSTROKE "7"	FOR TIME	3695006.690
ASTRONAUT KEYSTROKE "ENTER"	FOR TIME	3695006.940

072216	CLOCK REQUEST @ THROTTLE	T1=11142	SECONDS RUNNING	369500920667	1008
006071	CLOCK REQUEST @ FINDCOW	T1=11143	SECONDS RUNNING	369500922479	946
073473	CLOCK REQUEST @ P63DISRS	T1=11142	SECONDS RUNNING	369500920722	7710

073476

CLCK REQUEST @ ENCLLJCB

T1=11203

SECONDS RUNNING

3695 6.590417

7276

LMY99 AGC 001 NASA 2021112-161 NEW SIMULATION MARSPT 20414415 ZEYLES LRFADAR2,FMVCMPL 7/23/69 14:43 PAGE 245  
/DUPLICATE LANDING LAST SNAP 369500

063073 CLCK REQUEST @ LRLAT T1=11217 SECONDS RUNNING 3695 6.719364 8992

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SFC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	DGX	THELST	PCS	APOLU
LANDING	(STABLE	MEMBER	COORDS)	FORVEL	LONG	PITCH	BALL-P	CDUY	GRATE	ATT-Y	DPPY	DGY	DELTA	DPS	PERILU
	METRIC	UNITS		ALT RATE	ALT	ROLL	BALL-Y	CDUZ	KRATE	ATT-Z	DPPZ	DGZ	MASS	APS	
369506.7	1744125	- 6.8	0.99	- 52.6	0.89	- 0.60	0.08	- 0.54	- 0.00	0.76	2.03	0	2954	528.6	5.52
102:38:27	4861	- 8.4	0.72	2318.0	26.26	164.13	76.62	- 0.10	- 0.10	0.21	5	1	3245	8157	-846.14
LANDING	- 75863	772.9	- 3.94	- 122.7	31891	- 0.58	0.55	0.18	- 0.00	0.00	- 789	3	2375	5189	

107441 CLCK REQUEST @ READACCS T1=11224 SECONDS RUNNING 3695 6.761224 2552

076206 CLCK REQUEST @ SERVICER T1=11225 SECONDS RUNNING 3695 6.776932 3892

063150 CLCK REQUEST @ RADARLAD T1=11231 SECONDS RUNNING 3695 6.814964 7120

066071 CLCK REQUEST @ MUNGRAV T1=11241 SECONDS RUNNING 3695 6.884456 3768

DISPLAYS = 63 57 68 +00421 -03X53 -01105 3695 7.000008

066071 CLCK REQUEST @ MUNGRAV T1=11275 SECONDS RUNNING 3695 7.0371875 7594

066071 CLCK REQUEST @ MUNGRAV T1=11322 SECONDS RUNNING 3695 7.221815 5509

073121 CLCK REQUEST @ QUADGUID T1=11403 SECONDS RUNNING 3695 7.878622 7903

DISPLAYS = 63 6 63 +23318 -01210 +32271 3695 8.000005

072216 CLCK REQUEST @ THRATTLE T1=11440 SECONDS RUNNING 3695 8.016596 2477

006071 CLCK REQUEST @ FINDORW T1=11441 SECONDS RUNNING 3695 8.017639 3313

073473 CLCK REQUEST @ P62DISPS T1=11500 SECONDS RUNNING 3695 8.481352 9236

073476 CLCK REQUEST @ ENCLLJCB T1=11500 SECONDS RUNNING 3695 8.484366 9593

063073 CLCK REQUEST @ LRLAT T1=11527 SECONDS RUNNING 3695 8.719367 9547

369508.7	1744110	- 8.0	1.00	- 52.7	0.89	- 0.59	0.10	- 0.56	- 0.00	0.76	2.03	0	2954	528.6	5.49
102:38:29	4845	- 8.3	0.72	2252.5	26.21	164.03	76.48	76.47	- 0.02	0.21	5	1	3215	7992	-848.37
LANDING	- 74464	695.2	- 3.95	- 122.7	31645	- 0.55	0.55	0.19	- 0.00	0.00	- 790	0	23685	5189	

107441 CLCK REQUEST @ RFALACCS T1=11534 SECONDS RUNNING 3695 8.761254 3221

076206 CLCK REQUEST @ SERVICER T1=11536 SECONDS RUNNING 3695 8.761337 4026

063150 CLCK REQUEST @ RADAREAD T1=11541 SECONDS RUNNING 3695 8.814961 7811

066071 CLCK REQUEST @ MUNGRAV T1=11551 SECONDS RUNNING 3695 8.884456 4452

006071 CLCCK REQUEST 3 MUNGRAV

11=11E51

SECONDS PUNNING

11=11E51

4800

006071 CLCCK REQUEST 3 MUNGRAV

11=11E52

SECONDS PUNNING

11=11E52

745

3"

2"

1"

DISPLAYS = 63 16 63 +23065 -01221 +32015 369500.00008

006071 CLCCK REQUEST @ MUNGRAV T1=11606 SECONDS RUNNING 369510.0189183 9731

ASTRONAUT KEYSTROKE "VERB" FOR TIME 369510.190  
 ASTRONAUT KEYSTROKE 1 FOR TIME 369510.441  
 ASTRONAUT KEYSTROKE 6 FOR TIME 369510.690  
 ASTRONAUT KEYSTROKE "NCUN" FOR TIME 369510.940  
 ASTRONAUT KEYSTROKE 6 FOR TIME 369510.190  
 ASTRONAUT KEYSTROKE 8 FOR TIME 369510.441  
 ASTRONAUT KEYSTROKE "ENTER" FOR TIME 369510.691

073121 CLCCK REQUEST @ QUAEGUID T1=11701 SECONDS RUNNING 369510.0771363 9322

DISPLAYS = 63 16 63 +23065 -01221 +32015 369510.000016

072216 CLCCK REQUEST @ THRCITL T1=11732 SECONDS RUNNING 369510.024492 1018

006071 CLCCK REQUEST @ FINDGRW T1=11737 SECONDS RUNNING 369510.072179 5187

073473 CLCCK REQUEST @ P63DISPS T1=11776 SECONDS RUNNING 369510.0386709 1927

073476 CLCCK REQUEST @ ENDILJCB T1=11776 SECONDS RUNNING 369510.0389721 5184

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	DGX	THRUST	RCS	APDU
LANDING	(STABE MEMBER	COORDS)	FORVEL	LONG	PITCH	BALL-P	CDUY	ORATE	ATT-Y	OPPY	DGY	DFLTA	OPS	PRILU	
	METRIC	UNITS	ALTRATE	ALT	ROLL	BALL-Y	COUZ	RPATE	ATT-Z	DPPZ	DGZ	MASS	APS		
369510.7	1744093	- 9.2	1.12	- 52.5	7.88	- 7.69	0.00	- 0.56	- 0.00	0.76	2.04	0	9855	52.09	5.45
102:38:31	4829	- 8.3	0.41	2266.9	26.17	163.94	76.34	76.34	- 0.11	0.11	4	0	2241	7.97	-85.05
LANDING	- 73081	087.4	- 3.96	- 124.7	31396	- 0.63	0.56	0.00	- 0.15	0.00	- 79	0	2362	5186	

107441 CLCCK REQUEST @ READACCS T1=12044 SECONDS RUNNING 369510.0761220 3985

063073 CLCCK REQUEST @ LRLALT T1=12057 SECONDS RUNNING 369510.0773002 3424

076206 CLCCK REQUEST @ SERVICER T1=12057 SECONDS RUNNING 369510.0877160 3770

063150 CLCCK REQUEST @ RADAREAD T1=12070 SECONDS RUNNING 369510.0969657 1672

DISPLAYS = 63 16 66 +07416 -01221 +32015 RELEASE DISPLAY 369510.000042

006071 CLCCK REQUEST @ MUNGRAV T1=12075 SECONDS RUNNING 369510.011243 5125

006071 CLCCK REQUEST @ MUNGRAV T1=12107 SECONDS RUNNING 369510.0114227 4118

006071 CLCCK REQUEST @ MUNGRAV T1=12133 SECONDS RUNNING 369510.0318495 1430

073121 CLCCK REQUEST @ QUAEGUID T1=12230 SECONDS RUNNING 369510.0023007 3007

DISPLAYS = 63 16 68 +07416 -01347 -01110 RELEASE DISPLAY 369510.000044

072216 CLCCK REQUEST @ THRCITL T1=12204 SECONDS RUNNING 369510.020721 7235

006071	CLCCK REQUEST @ FINDCCUW	T1=12272	SECONDS RUNNING	3695120263863	211
073473	CLCCK REQUEST @ P63DISPS	T1=12331	SECONDS RUNNING	3695120565173	7872
073476	CLCCK REQUEST @ ENDLJCB	T1=12331	SECONDS RUNNING	3695120568376	8062

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-F	CDUX	PRATE	ATT-X	DPPX	DGX	THPUST	PCS	APDLU
LANDING	(STABLE MEMBER METRIC UNITS)	COORDS)	COORDS)	FORVEL ALTRATE	LONG ALT	PITCH RCLL	BALL-P BALL-Y	CDUY CCU7	ORATE PRATE	ATT-Y ATT-Z	DPPY DPPZ	DGY DGZ	DELTA V MASS	DPS APS	PER ILU
369512.7	1744073	- 17.3	1.03	- 52.4	1.88	- 1.73	35.97	- 1.57	- 0.76	2.7	0	9855	528.9	5.41	
102:38:33	4813	- 8.3	1.01	2241.3	26.12	163.83	7.10	- 1.05	- 1.11	3	0	3367	7862	-852.63	
LANDING	71714	679.6	- 3.96	- 125.7	31146	- 1.61	1.50	- 1.2	- 1.12	- 1.10	- 792	23556	5189		

107441	CLCCK REQUEST @ READACCS	T1=12354	SECONDS RUNNING	3695120711213	4951
063073	CLCCK REQUEST @ LRALT	T1=12367	SECONDS RUNNING	3695120673196	4198
076206	CLCCK REQUEST @ SERVICE	T1=12367	SECONDS RUNNING	3695120877154	4445
063150	CLCCK REQUEST @ RADAR	T1=12411	SECONDS RUNNING	3695120962658	2338

DISPLAYS = 63 16 68 +0448 -03X46 -10133 RELEASE DISPLAY 369513010017

006071	CLCCK REQUEST @ MUNGRAV	T1=12415	SECONDS RUNNING	369513011159	4871
006071	CLCCK REQUEST @ MUNGRAV	T1=12416	SECONDS RUNNING	3695130117948	4139
006071	CLCCK REQUEST @ MUNGRAV	T1=12462	SECONDS RUNNING	3695130214884	944
073121	CLCCK REQUEST @ QUACGUID	T1=12537	SECONDS RUNNING	3695130915786	8175

DISPLAYS = 63 16 68 +0448 -03X44 -10105 RELEASE DISPLAY 369514010006

072216	CLCCK REQUEST @ THROTTLE	T1=12574	SECONDS RUNNING	3695140264077	7675
006071	CLCCK REQUEST @ FINDCCUW	T1=12576	SECONDS RUNNING	3695140272836	9276
073473	CLCCK REQUEST @ P63DISPS	T1=12641	SECONDS RUNNING	3695140561469	8173
073476	CLCCK REQUEST @ ENDLJCB	T1=12641	SECONDS RUNNING	3695140564074	8446

369514.7	1744052	- 11.5	1.04	- 52.1	1.88	- 1.68	1.5	- 1.57	- 1.10	2.69	0	9856	528.9	5.37
102:38:35	4797	- 8.2	1.01	2215.6	26.08	163.83	7.14	- 1.14	- 1.11	4	0	3364	7767	-854.74
LANDING	70362	671.8	- 3.98	- 126.7	31893	- 1.61	1.57	- 1.03	- 1.03	- 1.01	- 796	23491	5189	

107441	CLCCK REQUEST @ READACCS	T1=12664	SECONDS RUNNING	3695140761222	5218
063073	CLCCK REQUEST @ LRALT	T1=12677	SECONDS RUNNING	3695140872459	4711

LMY99	AGC	001	NASA 2021112-061 NEW SIMULATION	MARSPOT 20414415 /EYLES	LRRADAR20ENVNTR1 7/23/68 14:43	RAGE 248
				/DUPLICATE LANDING		LAST SNAP 369500
	063150		CLCK REQUEST @ RADARCAD	T1=12710	SECONDS RUNNING	369516.969654 3875
	006071		CLCK REQUEST @ MUNGRAV	T1=12713	SECONDS RUNNING	369516.999133 552
DISPLAYS =	63	16	68	+10401 - 3X44 - 10095	RELEASE DISPLAY 369516.000013	
	006071		CLCK REQUEST @ MUNGRAV	T1=12726	SECONDS RUNNING	369516.116721 471
	006071		CLCK REQUEST @ MUNGRAV	T1=12751	SECONDS RUNNING	369516.297365 1969
	073121		CLCK REQUEST @ QUADGUID	T1=13047	SECONDS RUNNING	369516.912448 3456
DISPLAYS =	63	16	68	+10411 - 3X42 - 1018	RELEASE DISPLAY 369516.000032	
	072216		CLCK REQUEST @ THRATTLE	T1=12103	SECONDS RUNNING	369516.19543 7614
	006071		CLCK REQUEST @ FINDCDUW	T1=13104	SECONDS RUNNING	369516.276151 9510
	073473		CLCK REQUEST @ P63DISPS	T1=13143	SECONDS RUNNING	369516.516997 5145
	073476		CLCK REQUEST @ ENDLLJCB	T1=13144	SECONDS RUNNING	369516.521606 5439

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	NGX	THRUST	RCS	AROLU
LANDING	(STABLE MEMBER COORDS)			FORVEL	LONG	PITCH	BALL-P	CDUY	RRATE	ATT-Y	DPPY	DGY	DELTA V	APS	PERFILU
	METRIC UNITS			ALT	ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	OGZ	MASS	APS	
369516.7	1744.027	- 12.0	1.075	- 51.0	0.86	- 0.63	0.08	- 0.58	- 0.10	0.76	211	0	9256	528.0	5.34
102:38:37	4782	- 8.2	1.002	2189.8	26.03	163.72	75.99	75.58	- 0.17	0.01	4	0	3420	7732	-856.81
LANDING	69026	663.5	- 3.99	- 127.7	30639	- 0.62	0.57	0.08	0.03	0.01	- 794	0	22426	5189	

	107441		CLCK REQUEST @ READACCS	T1=13174	SECONDS RUNNING	369516.761211 5884
	063073		CLCK REQUEST @ LRALT	T1=13217	SECONDS RUNNING	369516.871142 5180
	076206		CLCK REQUEST @ SERVICE	T1=13207	SECONDS RUNNING	369516.874200 5526
	063150		CLCK REQUEST @ RADARCAD	T1=13221	SECONDS RUNNING	369516.969667 3672
	006071		CLCK REQUEST @ MUNGRAV	T1=13223	SECONDS RUNNING	369516.999133 628
DISPLAYS =	63	16	68	+10393 - 3X42 - 10087	RELEASE DISPLAY 369516.000013	
	006071		CLCK REQUEST @ MUNGRAV	T1=13236	SECONDS RUNNING	369517.17742 5455
	006071		CLCK REQUEST @ MUNGRAV	T1=13262	SECONDS RUNNING	369517.20511 2297
	073121		CLCK REQUEST @ QUADGUID	T1=13357	SECONDS RUNNING	369517.013121 4181
DISPLAYS =	63	16	68	+10343 - 3X43 - 10082	RELEASE DISPLAY 369516.000037	
	072216		CLCK REQUEST @ THRATTLE	T1=12413	SECONDS RUNNING	369516.196656 8375
	006071		CLCK REQUEST @ FINDCDUW	T1=13414	SECONDS RUNNING	369516.277376 9290
LMY99	AGC	001	NASA 2021112-061 NEW SIMULATION	MARSPOT 20414415 /EYLES	LRRADAR20ENVNTR1 7/23/68 14:43	PAGE 249
				/DUPLICATE LANDING		LAST SNAP 369500

006071 CLCK REQUEST @ EINDCOUW T1=1344 SECONDS RUNNING 369518.7174 7174  
 LMY99 AGC 001 NASA 2021112- 61 NEW SIMULATION MARKSHOT 20414415 /EYLES /DUPLICATE- LAMOUNT LAST SNAP PAGE 249  
 00500

073473 CLCK REQUEST @ P63DISPS T1=13454 SECONDS RUNNING 369518.7271 7271

073476 CLCK REQUEST @ ENDLLJOB T1=13457 SECONDS RUNNING 369518.7364 7364

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	γAW	BALL-F	CDUX	PRATE	ATT_X	DPPX	DGX	THPLST	APOLU
LANDING	(STABLE MEMBER METRIC UNITS)	COORDS)	FCRVEL	LONG	PITCH	BALL-P	CDUY	QRATE	ATT-Y	DPPY	DGY	DFLTAV	APS	PPFILU
			ALTRATE	ALT	RCLL	BALL-Y	CDUZ	PRATE	ATT-Z	DPPZ	DGZ	MASS	APS	
369518.7	1744001	- 13.7	1.07	- 51.6	25.88	- 0.59	1.13	- 1.58	- 1.77	1.76	214	5857	528.0	5.24
102:38:35	4766	- 8.2	1.02	2164.3	25.99	163.57	75.79	75.75	1.07	1.71	6	3477	7.67	-958.86
LANDING	- 67705	656.1	- 3.99	- 128.6	30382	- 1.62	0.57	0.13	0.72	0.0	- 799	23261	5189	

107441 CLCK REQUEST @ READACCS T1=13514 SECONDS RUNNING 369518.76124 6553

063073 CLCK REQUEST @ LRLALT T1=13517 SECONDS RUNNING 369518.870864 59.8

076206 CLCK REQUEST @ SERVICER T1=13517 SECONDS RUNNING 369518.874922 6254

063150 CLCK REQUEST @ RADARFAD T1=13531 SECONDS RUNNING 369518.7142 44.3

DISPLAYS = 63 16 68 +0386 -03X40 -0082 RELEASE DISPLAY 369518.700012

006071 CLCK REQUEST @ MUNGRAV T1=13534 SECONDS RUNNING 369518.78674 7668

006071 CLCK REQUEST @ MUNGRAV T1=13544 SECONDS RUNNING 369519.15421 5924

006071 CLCK REQUEST @ MUNGRAV T1=13571 SECONDS RUNNING 369519.299990 2527

073121 CLCK REQUEST @ QUADGUID T1=13607 SECONDS RUNNING 369518.89744 5412

DISPLAYS = 63 16 69 +0386 -03X38 -00160 RELEASE DISPLAY 36952.000019

072216 CLCK REQUEST @ THROTTLE T1=13724 SECONDS RUNNING 369521.212128 9501

006071 CLCK REQUEST @ EINDCOUW T1=13726 SECONDS RUNNING 369521.0221156 1133

073473 CLCK REQUEST @ P63DISPS T1=13767 SECONDS RUNNING 369521.550331 9901

073476 CLCK REQUEST @ ENDLLJOB T1=13771 SECONDS RUNNING 369521.563499 7346

369520.7	1743972	- 14.8	1.07	- 51.3	11.88	- 1.56	1.16	- 1.58	- 1.77	1.76	217	5857	528.0	5.24
102:38:41	4753	- 8.1	1.02	2138.2	25.95	163.56	75.74	75.75	1.02	1.71	5	3473	7.67	-961.88
LANDING	- 66403	648.2	- 4.07	- 129.5	30124	- 1.63	0.58	0.15	0.77	0.00	- 801	23256	5189	

107441 CLCK REQUEST @ READACCS T1=14014 SECONDS RUNNING 369521.761217 7213

063073 CLCK REQUEST @ LRLALT T1=14026 SECONDS RUNNING 369521.866856 6233

076206 CLCK REQUEST @ SERVICER T1=14027 SECONDS RUNNING 369521.877119 7193

006071 CLCCK REQUEST @ MUNGPAV T1=14043 SECONDS RUNNING 369520.098735 7496  
 DISPLAYS = 63 16 68 +10379 -03X38 -10066 RELEASE DISPLAY 369521.000026

006071 CLCCK REQUEST @ MUNGPAV T1=14056 SECONDS RUNNING 369521.101341 6242

006071 CLCCK REQUEST @ MUNGPAV T1=14101 SECONDS RUNNING 369521.096666 2915

073121 CLCCK REQUEST @ QUAEQUID T1=14177 SECONDS RUNNING 369521.013566 5552

DISPLAYS = 63 16 68 +10272 -03X36 -10058 RELEASE DISPLAY 369522.000010

072210 CLCCK REQUEST @ THROTTLE T1=14233 SECONDS RUNNING 369522.157349 9911

006071 CLCCK REQUEST @ FINDCDUW T1=14224 SECONDS RUNNING 369522.027656 725

073473 CLCCK REQUEST @ P63DISPS T1=14273 SECONDS RUNNING 369522.519577 7265

073476 CLCCK REQUEST @ ENCLLJCB T1=14274 SECONDS RUNNING 369522.524186 7659

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME LANDING	R (STABLE)	V (MEMBER)	A (COORDS)	LATVEL FORVEL	LAT LONG ALT	YAW PITCH ROLL	BALL-B BALL-Y	CDUX CDUY CDUZ	PRATE RRATE	ATT-X ATT-Y ATT-Z	DPYX DOPY DPGY	T1 FUST DELTAV MASS	WTS DPS	APDUJ PER ILU
369522.7	1743942	- 15.8	1.09	- 50.9	0.88	- 0.55	0.17	- 0.59	- 0.30	- 0.76	218	9859	527.6	5.22
102:38:43	4735	- 8.1	0.02	2112.02	25.90	163.42	75.56	75.56	- 0.18	- 0.00	7	3511	7537	-862.88
LANDING	65111	64.03	4.01	- 131.04	29864	- 0.64	0.58	0.17	- 0.05	0.00	- 812	23231	5185	

107441 CLCCK REQUEST @ READACCS T1=14324 SECONDS RUNNING 369522.761218 7885

063073 CLCCK REQUEST @ LRLAT T1=14336 SECONDS RUNNING 369522.869651 7138

076206 CLCCK REQUEST @ SERVICER T1=14337 SECONDS RUNNING 369522.873718 7484

063150 CLCCK REQUEST @ RADAREAD T1=14357 SECONDS RUNNING 369522.996979 5673

006071 CLCCK REQUEST @ MUNGPAV T1=14353 SECONDS RUNNING 369522.994375 7781

006071 CLCCK REQUEST @ MUNGPAV T1=14366 SECONDS RUNNING 369523.011884 6255

006071 CLCCK REQUEST @ MUNGPAV T1=14412 SECONDS RUNNING 369523.0311781 4713

073121 CLCCK REQUEST @ QUAEQUID T1=14507 SECONDS RUNNING 369523.0911179 5929

DISPLAYS = 63 16 68 +10365 -03X34 -10036 RELEASE DISPLAY 369524.000014

072216 CLCCK REQUEST @ THROTTLE T1=14543 SECONDS RUNNING 369524.019379 1.01

006071 CLCCK REQUEST @ FINDCDUW T1=14544 SECONDS RUNNING 369524.02455 1.49

073473 CLCCK REQUEST @ P63DISPS T1=14613 SECONDS RUNNING 369524.0519273 7821

073476 CLCCK REQUEST @ ENCLLJCB T1=14614 SECONDS RUNNING 369524.052382 8213

7547400



UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NM1, SFC, DEG

TIME	R	V	A	LATV-L	LAT	YAW	BALL-R	CDUX	PRA-E	ATT-X	DppX	CGX	THEUST	GrS	ApCLU
LANDING	(STABLE METRIC UNITS)	MEMBER COORDS)	ALTRATE	FCRVFL	LCAG ALT	PITCH ROLL	PALL-P RALL-Y	CDUY CDUZ	ORATE PRATE	ATT-Y ATT-Z	DPY DPPZ	DGY DGZ	DELTA MASS	OPS APS	REFTLU
369524.7	1743909	- 16.8	1.010	- 51.6	7.87	- 0.56	0.16	- 0.59	- 0.11	- 0.76	222	0	0959	528.9	5.16
102:38:45	4719	- 8.0	1.012	21.86.2	25.86	163.31	75.41	75.41	0.11	- 0.21	6	0	0957	74.77	-864.34
LANDING	- 63338	032.4	- 4.012	- 131.02	25.83	- 0.64	1.59	0.16	- 0.11	- 0.00	- 8.4	0	231.66	51.89	
107441	CLCCK REQUEST @ READACCS							T1=14634	SECONDS RUNNING			369524.761251		915	
063073	CLCCK REQUEST @ LRLAT							T1=14667	SECONDS RUNNING			369524.871637		7393	
076206	CLCCK REQUEST @ SERVICEP							T1=14667	SECONDS RUNNING			369524.874746		8239	
063150	CLCCK REQUEST @ RADAREAD							T1=14660	SECONDS RUNNING			369524.984972		6342	
066071	CLCCK REQUEST @ MUNGRAV							T1=14663	SECONDS RUNNING			369524.987521		4716	
006071	CLCCK REQUEST @ MUNGRAV							T1=14676	SECONDS RUNNING			369525.011711		76.4	
006071	CLCCK REQUEST @ MUNGRAV							T1=14721	SECONDS RUNNING			369525.244757		4184	
073121	CLCCK REQUEST @ QUADGUID							T1=15115	SECONDS RUNNING			369525.898469		5197	
DISPLAYS =	63	16	68										RELEASE DISPLAY		369526.000019
072216	CLCCK REQUEST @ THRDTILE							T1=15153	SECONDS RUNNING			369526.191990		444	
006071	CLCCK REQUEST @ FINDCDUW							T1=15154	SECONDS RUNNING			369526.202752		1562	
073473	CLCCK REQUEST @ P63DISPS							T1=15113	SECONDS RUNNING			369526.513364		8168	
073476	CLCCK REQUEST @ ENCLLJOB							T1=15113	SECONDS RUNNING			369526.516570		8342	
369526.7	1743874	- 17.8	1.012	- 51.63	7.87	- 0.54	0.10	- 0.59	- 0.11	- 0.65	223	0	0859	528.9	5.14
102:38:47	4714	- 8.0	1.012	21.86.2	25.82	163.22	75.28	75.27	0.15	- 0.1	6	0	0857	74.77	-864.78
LANDING	- 62580	024.4	- 4.013	- 132.01	29339	- 0.65	0.59	0.10	- 0.11	- 0.00	- 8.05	0	231.61	51.89	
107441	CLCCK REQUEST @ READACCS							T1=15144	SECONDS RUNNING			369526.761264		9227	
063073	CLCCK REQUEST @ LRLAT							T1=15156	SECONDS RUNNING			369526.866377		8192	
076206	CLCCK REQUEST @ SERVICEP							T1=15157	SECONDS RUNNING			369526.874178		9857	
063150	CLCCK REQUEST @ RADAREAD							T1=1517	SECONDS RUNNING			369526.969663		7005	
006071	CLCCK REQUEST @ MUNGRAV							T1=15178	SECONDS RUNNING			369527.064560		7128	

006071	CLCCK REQUEST @ MUNGRAV	T1=15205	SECONDS RUNNING	3695270.157377	7871
006071	CLCCK REQUEST @ MUNGRAV	T1=15231	SECONDS RUNNING	3695270.293720	6458
LMY99	AGC 001 NASA 2021112-(61 NEW SIMULATION) MARSROT 20414415 /FYLE5		LRADAR20 ENVNTPLE 17/23/60 14:43	PAGE 252	369500
			/DUPLICATE LANDING	LAST SNAP	
073121	CLCCK REQUEST @ QUADGUID	T1=15320	SECONDS RUNNING	3695270.919776	7228
DISPLAYS =	63 16 68 +10351 -03X37 -00048		RELEASE DISPLAY		3695290.00024
072216	CLCCK REQUEST @ THROTTLE	T1=15363	SECONDS RUNNING	3695280.193545	1443
006071	CLCCK REQUEST @ FINCCDUW	T1=15364	SECONDS RUNNING	3695280.214307	2362
073473	CLCCK REQUEST @ P63DISPS	T1=15423	SECONDS RUNNING	3695290.14168	8803
073476	CLCCK REQUEST @ ENDLLJCB	T1=15423	SECONDS RUNNING	3695290.517374	9177

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, GFC

TIME LANDING	R (STABLE MEMBER METRIC)	V (MEMBER UNITS)	A (COORDS)	LATVEL (FCRVEL ALTRATE)	LAT (LCNG ALT)	YAW (PITCH RCLL)	BALL-R (BALL-P BALL-Y)	CDUX (CDUY CDUZ)	PRATE (ORATE PRATE)	ATT-X (ATT-Y ATT-Z)	DPPX (DPPY DPPZ)	DGX (DGY DGZ)	THRUST (DELTAV MASS)	RCS (DPS APS)	APULU (PERILU)
3695280.7 102:38:49 LANDING	1743838 4689 61339	- 10.9 - 7.9 61605	1014 - 50.0 2 2 34.1 - 4.34 - 132.8	0.87 - 0.59 250.78 163.01 29074 - 0.66	0.14 - 0.61 75.01 0.59	0.14 - 0.00 75.11 - 0.10 0.14 - 0.02	0.65 0.65 0.65	228 6 6	0 0 0	986 7342 23036	528.0 7342 5180	5.39 -8680.69			

107441	CLCCK REQUEST @ READACCS	T1=15454	SECONDS RUNNING	3695280.761278	9800										
063073	CLCCK REQUEST @ LPALT	T1=15466	SECONDS RUNNING	3695270.969625	9134										
076206	CLCCK REQUEST @ SFRVICER	T1=15467	SECONDS RUNNING	3695280.873684	9482										
063150	CLCCK REQUEST @ RADAREAD	T1=15500	SECONDS RUNNING	3695280.969668	7673										
006071	CLCCK REQUEST @ MUNGRAV	T1=15503	SECONDS RUNNING	3695280.994339	9778										
006071	CLCCK REQUEST @ MUNGRAV	T1=15516	SECONDS RUNNING	3695290.101833	8951										
006071	CLCCK REQUEST @ MUNGRAV	T1=15541	SECONDS RUNNING	3695290.296425	5554										
073121	CLCCK REQUEST @ QUADGUID	T1=15636	SECONDS RUNNING	3695290.915286	7512										
DISPLAYS =	63 16 68 +10345 -03X28 -00048		RELEASE DISPLAY		3695300.00019										
072216	CLCCK REQUEST @ THROTTLE	T1=15673	SECONDS RUNNING	3695280.194484	2190										
006071	CLCCK REQUEST @ FINCCDUW	T1=15674	SECONDS RUNNING	3695280.215217	3115										
073473	CLCCK REQUEST @ P63DISPS	T1=15733	SECONDS RUNNING	3695300.518921	9875										
073476	CLCCK REQUEST @ ENDLLJCB	T1=15734	SECONDS RUNNING	3695300.523529	1269										
3695300.7 102:38:51 LANDING	1743799 4674 61113	- 19.7 - 7.9 61705	1014 - 49.0 2 2 70.9 - 4.34 - 123.5	0.87 - 0.51 250.74 162.98 288.8 - 0.67	0.23 - 0.61 740.16 0.61	0.61 - 0.00 740.95 - 0.01 0.23 - 0.02	0.65 0.65 0.65	231 6 6	0 0 0	986 7342 22071	528.0 7342 5180	5.15 -8710.57			
107441	CLCCK REQUEST @ READACCS	T1=15764	SECONDS RUNNING	3695300.761210	651										

TIME	CALL SIGN	REQUEST	STATUS	TIME	SECONDS RUNNING	TIME	PAGE
107441	CLOCK REQUEST @	00ADACCS		T1=15764	SECONDS RUNNING	369531.76111	511
LMY99	ACC	001 NASA 2121112-451 NEW SIMULATION	MISSING 2 +14415 /BYTES		LR HEAD 2, ENVENTEL 7/7 /H	369531.76111	253
					/DUPLICATE LANDING		369500
063075	CLOCK REQUEST @	LRALT		T1=15777	SECONDS RUNNING	369531.871117	0836
076206	CLOCK REQUEST @	SERVICEF		T1=15777	SECONDS RUNNING	369531.87476	182
063157	CLOCK REQUEST @	RADAREAF		T1=16111	SECONDS RUNNING	369531.569574	6347
006071	CLOCK REQUEST @	MUNGPAV		T1=16113	SECONDS RUNNING	369531.997966	714
006071	CLOCK REQUEST @	MUNGPAV		T1=16126	SECONDS RUNNING	369531.102567	6691
006071	CLOCK REQUEST @	MUNGPAV		T1=16151	SECONDS RUNNING	369531.296211	6206
063107	CLOCK REQUEST @	LRVEL		T1=16161	SECONDS RUNNING	369531.277448	3126
	CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT						
	T = 369531.42 , RACT = 4 , VDG = 1 , RDG = 1						
063150	CLOCK REQUEST @	RADAREAD		T1=16073	SECONDS RUNNING	369531.67497	1451
	CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT						
	T = 369531.52 , RACT = 4 , VDG = 1 , RDG = 1						
101757	CLOCK REQUEST @	RDGIMS		T1=16112	SECONDS RUNNING	369531.642952	7241
063150	CLOCK REQUEST @	RADAREAD		T1=16115	SECONDS RUNNING	369531.574914	6986
	CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT						
	T = 369531.62 , RACT = 4 , VDG = 1 , RDG = 1						
063150	CLOCK REQUEST @	RADAREAD		T1=16117	SECONDS RUNNING	369531.674969	8516
	CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT						
	T = 369531.72 , RACT = 4 , VDG = 1 , RDG = 1						
063150	CLOCK REQUEST @	RADAREAD		T1=16131	SECONDS RUNNING	369531.774961	7042
	CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT						
	T = 369531.82 , RACT = 4 , VDG = 1 , RDG = 1						
063150	CLOCK REQUEST @	RADAREAD		T1=16143	SECONDS RUNNING	369531.874954	5582
073121	CLOCK REQUEST @	QUADGUID		T1=16156	SECONDS RUNNING	369531.988993	6322
DISPLAYS =	63	16	68	40345	-03X26	-00031	RELEASE DISPLAY 369532.100024
072216	CLOCK REQUEST @	THRITTLE		T1=16213	SECONDS RUNNING	369532.273175	6572
006971	CLOCK REQUEST @	FINDCDUW		T1=16214	SECONDS RUNNING	369532.284378	529
073473	CLOCK REQUEST @	P63DISFS		T1=16252	SECONDS RUNNING	369532.584898	6165
073476	CLOCK REQUEST @	ENDLLJCB		T1=16252	SECONDS RUNNING	369532.588114	6438

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SFC, FIH.

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	DCY	THRUST	%CS	APDU			
LMY99	AGC	001	NASA	2021112-061	NEW SIMULATION		MARSROT	20414415	ZEYLES									
													LPPADAR2.0	ENVNTEFL	17/23/69	14:43	PAGE	254
													/DUPLICATE LANDING		LAST SNAP	369500		

LANDING	(STABLE MEMBER COORDS) METRIC UNITS	FORVEL ALTRATE	LONG ALT	PITCH RCLL	BALL-P PALL-Y	CDUY CDUZ	QRATE RRATE	ATT-Y ATT-Z	DPPY DPPZ	DGY DGZ	DFITAV MASS	DPS APS	PERILU		
369532.7 102:38:53	1743759 - 2.6 4659 - 7.8	1.15 - 49.2 0.73 1921.7	7.87 - 0.45 25.70 162.93	0.29 - 0.45 0.67	0.60 - 0.70 0.67	0.86 - 0.17 0.29	0.65 0.12	232 8	98A1 7634	528.9 7212	5.11 -872.43	5189			
LANDING	58904	600.5 - 4.5 - 134.3	28540	0.67	0.67	0.29	0.12	0.10 - 81	8	7796	5189				
107441	CLCCK REQUEST @ READACCS				T1=16274	SECONDS RUNNING			369532.761229		1219				
063073	CLCCK REQUEST @ LRALT				T1=16307	SECONDS RUNNING			369532.874372		874				
076206	CLCCK REQUEST @ SERVICER				T1=16307	SECONDS RUNNING			369532.878432		1220				
063150	CLCCK REQUEST @ RADAREAD				T1=16320	SECONDS RUNNING			369532.969783		9016				
DISPLAYS =	63	16	58	+0338	-03X26	-00031	RELEASE DISPLAY				369533.000000				
006071	CLCCK REQUEST @ MUNGPAV				T1=16324	SECONDS RUNNING			369533.018541		2323				
006071	CLCCK REQUEST @ MUNGRAV				T1=16336	SECONDS RUNNING			369533.104114		479				
006071	CLCCK REQUEST @ MUNGRAV				T1=16362	SECONDS RUNNING			369533.202144		7369				
063107	CLCCK REQUEST @ LRVEL				T1=16372	SECONDS RUNNING			369533.284757		4427				
CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT T = 369533.43, RACT = 5, VDG = 0, RDG = 1															
063150	CLCCK REQUEST @ RADAREAD				T1=16404	SECONDS RUNNING			369533.484894		2972				
CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT T = 369533.53, RACT = 5, VDG = 0, RDG = 1															
101757	CLCCK REQUEST @ PDGIMS				T1=16413	SECONDS RUNNING			369533.551229		8632				
063150	CLCCK REQUEST @ RADAREAD				T1=16417	SECONDS RUNNING			369533.552645		2167				
CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT T = 369533.63, RACT = 5, VDG = 0, PDG = 1															
063150	CLCCK REQUEST @ RADAREAD				T1=16431	SECONDS RUNNING			369533.624931		1142				
CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT T = 369533.73, RACT = 5, VDG = 0, RDG = 1															
063150	CLCCK REQUEST @ RADAREAD				T1=16442	SECONDS RUNNING			369533.785179		4596				
CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT T = 369533.83, RACT = 5, VDG = 0, RDG = 1															
063150	CLCCK REQUEST @ RADAREAD				T1=16454	SECONDS RUNNING			369533.884859		7112				
073121	CLCCK REQUEST @ QUADGUID				T1=16467	SECONDS RUNNING			369533.991735		6222				
DISPLAYS =	63	16	68	+ 33	-03X24	-00033	RELEASE DISPLAY				369533.000000				

7547401

072216	CLOCK REQUEST @ THRCITLF	T1=16523	SECONDS RUNNING	369534.074785	376
006071	CLOCK REQUEST @ FINDCDUW	T1=16524	SECONDS RUNNING	369534.285919	1326
073473	CLOCK REQUEST @ P63DISPS	T1=16563	SECONDS RUNNING	369534.691349	7347
073476	CLOCK REQUEST @ FNDLLJCB	T1=16563	SECONDS RUNNING	369534.694155	7621

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NPI, SFC, LFC

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	DGX	THRUST	PCS	APDU
LANDING	(STABLE MEMBER METRIC UNITS)	COORDS	FORVEL	LONG	PITCH	BALL-P	CDUY	CPATE	ATT-Y	DPPY	DGY	DELTA V	PCS	APDU	
			ALTRATE	ALT	RCLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	DGZ	MASS	APS	PERILU	
369534.7	1743717	- 21.5	1.16	- 48.7	1.87	- 0.45	8.29	- 0.61	- 0.65	225	0	9941	52809	4.97	
102:38:55	4644	- 7.7	0.13	1955.4	25.66	162.87	74.77	74.77	0.13	0.13	0	2661	7147	-474.25	
LANDING	- 5710	552.5	- 4.06	- 13.0	2827.0	- 0.68	5.68	7.29	0.11	- 0.13	0	22841	5189		
107441	CLOCK REQUEST @ READACCS	T1=16604	SECONDS RUNNING	369534.761241	1887										
063073	CLOCK REQUEST @ LRALT	T1=16617	SECONDS RUNNING	369534.871565	1216										
076206	CLOCK REQUEST @ SERVICER	T1=16617	SECONDS RUNNING	369534.874624	1562										
063150	CLOCK REQUEST @ RADARFAD	T1=16630	SECONDS RUNNING	369534.969054	6471										
006071	CLOCK REQUEST @ MUNGRAV	T1=16633	SECONDS RUNNING	369534.968217	214										
DISPLAYS =	63	16	6d	40331	- 3X24	- 0023						RELEASE DISPLAY		369535.00010	

006071	CLOCK REQUEST @ MUNGRAV	T1=16646	SECONDS RUNNING	369535.015211	1228
006071	CLOCK REQUEST @ MUNGRAV	T1=16672	SECONDS RUNNING	369535.212314	858
063107	CLOCK REQUEST @ LRVFL	T1=16701	SECONDS RUNNING	369535.79430	4630

CHANNEL RD ATTEMPT WITHOUT DC DISCRETE PRESENT  
T = 369535.42, RACT = 6, VDG = 0, RDG = 1

063150	CLOCK REQUEST @ RADAREAD	T1=16713	SECONDS RUNNING	369535.474865	2783
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CHANNEL RD ATTEMPT WITHOUT DC DISCRETE PRESENT  
T = 369535.52, RACT = 6, VDG = 0, RDG = 1

101757	CLOCK REQUEST @ RDCIMS	T1=16722	SECONDS RUNNING	369535.641369	8458
063150	CLOCK REQUEST @ RADAREAD	T1=16725	SECONDS RUNNING	369535.674858	1315

CHANNEL RD ATTEMPT WITHOUT DC DISCRETE PRESENT  
T = 369535.62, RACT = 6, VDG = 0, RDG = 1

063150	CLOCK REQUEST @ RADAREAD	T1=16737	SECONDS RUNNING	369535.74858	9849
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CHANNEL RD ATTEMPT WITHOUT DC DISCRETE PRESENT  
T = 369535.72, RACT = 6, VDG = 0, RDG = 1

063150 CLCCK REQUFST @ RADAREAD T1=16751 SECONDS RUNNING 369535.774897 8385

CHANNEL RD ATTEMPT WITHOUT CG DISCRETE PRESENT  
 T = 369535.82, RACT = 6, VDG = 0, RDG = 1

063150 CLCCK REQUEST @ RADAREAD T1=16763 SECONDS RUNNING 369535.874876 6916

073121 CLCCK REQUEST @ QUACGUIC T1=16777 SECONDS RUNNING 369535.992487 6953

DISPLAYS = 63 16 68 +00331 -03X22 -0122 RELEASE DISPLAY 369536.00031

072216 CLCCK REQUEST @ THROTTLE T1=17133 SECONDS RUNNING 369536.275169 1375

006071 CLCCK REQUEST @ FINDCDLW T1=17134 SECONDS RUNNING 369536.286312 2126

073473 CLCCK REQUEST @ P63DISPS T1=17172 SECONDS RUNNING 369536.586345 7646

073476 CLCCK REQUEST @ ENDLLJCB T1=17173 SECONDS RUNNING 369536.591293 8151

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-P	CDUX	PRATE	ATT-X	DPPX	DGX	THRUST	RC S	APGLU
LANDING \	(STABLE	MEMBER	COORDS)	FURVEL	LONG	PITCH	BALL-P	CDUY	CRATE	ATT-Y	DPPY	DGY	FELTAV	DFS	PER ILU
	METRIC	UNITS		ALT RATE	ALT	ROLL	PALL-Y	CDUZ	RKATE	ATT-Z	DPPZ	DGZ	MASS	APS	
369536.7	1743673	- 22.4	1.18	- 48.4	0.87	- 0.49	0.25	- 0.61	- 1.00	- 1.65	236	0	2882	528.9	4.93
102:38:57	4629	- 7.7	0.13	1929.0	25.62	162.69	74.55	74.55	- 0.19	- 1.01	8	0	3689	7.82	-876.06
LANDING -	56533	584.5	- 4.17	- 135.7	28000	- 0.69	0.61	0.25	- 1.01	0.1	- 815	0	22776	51.00	

107441 CLCCK REQUEST @ READACCS T1=17114 SECONDS RUNNING 369536.781245 2554

063073 CLCCK REQUEST @ LRALT T1=17127 SECONDS RUNNING 369536.872190 2121

076206 CLCCK REQUEST @ SERVICER T1=17127 SECONDS RUNNING 369536.876251 2368

063150 CLCCK REQUEST @ PADAREAD T1=17141 SECONDS RUNNING 369536.971674 0425

DISPLAYS = 63 16 68 +00325 -03X22 -0122 RELEASE DISPLAY 369537.00039

006071 CLCCK REQUEST @ MUNGRAV T1=17145 SECONDS RUNNING 369537.11369 3812

006071 CLCCK REQUEST @ MUNGRAV T1=17156 SECONDS RUNNING 369537.177281 2092

006071 CLCCK REQUEST @ MUNGRAV T1=17202 SECONDS RUNNING 369537.313127 8794

063107 CLCCK REQUEST @ LRVFL T1=17212 SECONDS RUNNING 369537.281688 5499

CHANNEL RD ATTEMPT WITHOUT CG DISCRETE PRESENT  
 T = 369537.42, RACT = 4, VDG = 0, PDG = 1

063150 CLCCK REQUEST @ RADAREAD T1=17223 SECONDS RUNNING 369537.474867 3451

CHANNEL RD ATTEMPT WITHOUT CG DISCRETE PRESENT  
 T = 369537.52, RACT = 4, VDG = 0, RDG = 1

7547406

LMY99 AGC 0-1 NASA 0421112-001 NEW SIMULATION MARSKLT 20414415 /FYLES LRRADAR20 FAVCNTP1 772 /700 14:45 #XRG 257  
/DUPLICATE LAMING LAST SNAP 3-2500

101757 CLCCK REQUEST @ RDGIMS T1=17232 SECONDS RUNNING 369537.94122F 0112  
063150 CLCCK REQUEST @ RADAREAD T1=17235 SECONDS RUNNING 369537.574989 1995

CHANNEL RC ATTEMPT WITHOUT LG DISCRETE PRESENT  
T = 369537.62 , RACT = 4 , VCG = 0 , RCG = 1

063150 CLCCK REQUEST @ RADAREAD T1=17247 SECONDS RUNNING 369537.674867 11516

CHANNEL RC ATTEMPT WITHOUT LG DISCRETE PRESENT  
T = 369537.72 , RACT = 4 , VCG = 0 , RCG = 1

063150 CLCCK REQUEST @ RADAREAD T1=17261 SECONDS RUNNING 369537.774972 015

CHANNEL RC ATTEMPT WITHOUT LG DISCRETE PRESENT  
T = 369537.82 , RACT = 4 , VCG = 0 , RCG = 1

063150 CLCCK REQUEST @ RADAREAD T1=17273 SECONDS RUNNING 369537.874916 75P7

073121 CLCCK REQUEST @ QUAGUID T1=17317 SECONDS RUNNING 369537.995126 7845

DISPLAYS = 63 16 68 + 0325 -03X20 -10000 RELEASE DISPLAY 369538.00003

072216 CLCCK REQUEST @ THRATTLE T1=17343 SECONDS RUNNING 369538.079164 2183

006071 CLCCK REQUEST @ FIDCDDUW T1=17345 SECONDS RUNNING 369538.290294 2033

073473 CLCCK REQUEST @ P63CISPS T1=17403 SECONDS RUNNING 369538.550669 8645

073476 CLCCK REQUEST @ ENDLLJCR T1=17403 SECONDS RUNNING 369538.603275 8938

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PPATE	ATT-X	DPYX	DGX	THPUST	RCS	APDU
LANDING	(STABLE MEMBER COORDS)	METRIC UNITS	FORVEL	ALTRATE	LONG	PITCH	BALL-P	CDUY	QRATE	ATT-Y	DPY Y	DGY	DELTA V	OPS	PERILU
369538.7	1743627	- 23.2	1.21	- 47.9	0.87	0.51	0.24	- 0.61	- 0.00	- 0.65	242	0	9873	528.9	4.88
102:38:59	4615	- 7.6	0.33	1902.6	25.58	162.36	7.018	74.17	- 0.24	- 0.0	7	0	3716	7.17	-877.83
LANDING	- 55371	576.4	- 4.38	- 136.2	27728	- 0.69	0.61	0.24	- 0.01	0.0	- 216	0	22711	5189	

107441 CLCCK REQUEST @ READACCS T1=17424 SECONDS RUNNING 369538.761234 3211

063173 CLCCK REQUEST @ LRLAT T1=17437 SECONDS RUNNING 369538.873728 2819

076206 CLCCK REQUEST @ SEVICER T1=17437 SECONDS RUNNING 369538.877787 2165

063150 CLCCK REQUEST @ RADAREAD T1=17451 SECONDS RUNNING 369538.969655 1005

DISPLAYS = 63 16 68 + 0319 -03X20 -10000 RELEASE DISPLAY 369539.00027

006071	CLCK REQUEST @ MUNGRAV	T1=17454	SECONDS RUNNING	369539.01828	4301
006071	CLCK REQUEST @ MUNGRAV	T1=17466	SECONDS RUNNING	369539.01886	2457
LMY99	AGC 001 NASA 2021112-61 NEW SIMULATION	MARSFOT 2 414415 /EYLES	LPADAR2, ENVCNTFL 7/23/69 14:43	PAGE 258	369500
			/DUPLICATE LANDING	LAST SNAP	
006071	CLCK REQUEST @ MUNGRAV	T1=17511	SECONDS RUNNING	369539.029815	0178
063107	CLCK REQUEST @ LEVEL	T1=17522	SECONDS RUNNING	369539.036395	6326
	CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT T = 369539.42 , RACT = 5 , VCG = 0 , RDG = 1				
063150	CLCK REQUEST @ RADAREAD	T1=17523	SECONDS RUNNING	369539.047487	4119
	CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT T = 369539.52 , RACT = 5 , VCG = 0 , RDG = 1				
101757	CLCK REQUEST @ RDGIMS	T1=17543	SECONDS RUNNING	369539.051218	621
063150	CLCK REQUEST @ RADAREAD	T1=17545	SECONDS RUNNING	369539.057087	2924
	CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT T = 369539.62 , RACT = 5 , VCG = 0 , RDG = 1				
063150	CLCK REQUEST @ RADAREAD	T1=17557	SECONDS RUNNING	369539.067486	1193
	CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT T = 369539.72 , RACT = 5 , VCG = 0 , RDG = 1				
063150	CLCK REQUEST @ RADAREAD	T1=17571	SECONDS RUNNING	369539.077486	975
	CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT T = 369539.82 , RACT = 5 , VCG = 0 , RDG = 1				
063150	CLCK REQUEST @ RADAREAD	T1=17613	SECONDS RUNNING	369539.087487	825
073121	CLCK REQUEST @ QUADGUID	T1=17617	SECONDS RUNNING	369539.091752	8224
DISPLAYS =	63 16 6R	+0319 -03X18 -00003	REFLASE DISPLAY		369540.00004
072216	CLCK REQUEST @ THROTTLE	T1=17653	SECONDS RUNNING	369540.027487	2384
006071	CLCK REQUEST @ FINCCUW	T1=17684	SECONDS RUNNING	369540.028617	2334
073473	CLCK REQUEST @ P63DISP	T1=17713	SECONDS RUNNING	369540.050173	9420
073476	CLCK REQUEST @ ENCLLJCB	T1=17713	SECONDS RUNNING	369540.054909	9693

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CX	PRATE	ATT-X	DPPY	DCX	THPLST	RC	APOLU
LANDING	(STABLE	MEMBER	COORDS)	LATVEL	LONG	PITCH	BALL-P	CDU	GRATE	ATT-Y	DPPZ	DGY	DELTA	OPS	PERILU
	METRIC	UNITS		ALT RATE	ALT	ROLL	BALL-Y	CDUZ	R RATE	ATT-Z	DPPZ	DGZ	MASS	APS	
369540.7	174358	- 23.9	1.25	- 47.5	0.86	- 1.54	0.21	- 0.62	- 0.01	- 0.76	249	0	9843	528.0	4.84
102:39:1	4800	- 7.5	0.13	1876.2	25.54	161.98	73.76	73.76	- 0.13	- 0.21	8	0	3743	6952	-879.57
LANDING	- 54225	568.3	- 4.08	- 176.6	27455	- 0.7	0.01	0.21	- 0.02	0.00	- 816	0	22446	518	

107441 CLCK REQUEST @ READCCS T1=17734 SECONDS RUNNING 369540.071223



LMY99	AGC	UNIT	NASA 2421112-061 NEW SIMULATION	MARSROT 2414415 /EYLES	LRKADAP2.ENVGENTE 17/27/60 14:43	PAGE	259
					/DUPLICATE LANDING	LAST SNAP	369500
063073			CLECK REQUEST @ LRALT	T1=17746	SECONDS RUNNING	369541.869827	3153
076206			CLECK REQUEST @ SERVICER	T1=17747	SECONDS RUNNING	369541.873887	3499
063150			CLECK REQUEST @ RADARFAD	T1=17761	SECONDS RUNNING	369541.969915	1694
DISPLAYS =	63	16	68	+0312 -03X18 -00733	RELEASE DISPLAY		369541.000010
006071			CLECK REQUEST @ MUNGRAV	T1=17773	SECONDS RUNNING	369541.72857	990
006071			CLECK REQUEST @ MUNGRAV	T1=20105	SECONDS RUNNING	369541.175962	9276
006071			CLECK REQUEST @ MUNGRAV	T1=20131	SECONDS RUNNING	369541.371992	6074
063107			CLECK REQUEST @ LRVEL	T1=20135	SECONDS RUNNING	369541.618232	6951
CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT							
T = 369541.66 , RACT = 6 , VCG = 0 , RDG = 1							
062150			CLECK REQUEST @ RADAREAD	T1=20147	SECONDS RUNNING	369541.514898	8199
CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT							
T = 369541.56 , RACT = 6 , VCG = 0 , RDG = 1							
101757			CLECK REQUEST @ RDGIMS	T1=20156	SECONDS RUNNING	369541.521165	3854
063150			CLECK REQUEST @ RADAREAD	T1=20161	SECONDS RUNNING	369541.615394	6775
CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT							
T = 369541.66 , RACT = 6 , VCG = 0 , RDG = 1							
063150			CLECK REQUEST @ RADAREAD	T1=20173	SECONDS RUNNING	369541.718361	5561
CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT							
T = 369541.76 , RACT = 6 , VCG = 0 , RDG = 1							
063150			CLECK REQUEST @ RADAREAD	T1=20185	SECONDS RUNNING	369541.814896	3799
CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT							
T = 369541.86 , RACT = 6 , VCG = 0 , RDG = 1							
063150			CLECK REQUEST @ RADAREAD	T1=20117	SECONDS RUNNING	369541.914862	2330
DISPLAYS =	63	16	68	+0312 -03X16 -00124	RELEASE DISPLAY		369542.000025
073121			CLECK REQUEST @ QUADGLID	T1=20136	SECONDS RUNNING	369542.116895	5473
072216			CLECK REQUEST @ THROTTLE	T1=20167	SECONDS RUNNING	369542.311137	6145
006071			CLECK REQUEST @ FINCCCUW	T1=20170	SECONDS RUNNING	369542.321891	7062
073472			CLECK REQUEST @ PARADISOS	T1=20126	SECONDS RUNNING	369542.624316	2869

073476

CLOCK REQUEST @ ENCLLJOB

T1=20231

SECONDS RUNNING

349032.559119

5545

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LRS, FT, NMI, SEC, REC

TIME	P	V	A	LATVEL	LAT	YAW	BALL-P	CDUX	PRATE	ATT-X	DPPX	DCX	THFUST	RCS	APOLU
LANDING	(STABLE MEMBR COOPDS)			FCPVFL	LCNG	PITCH	BALL-P	CDUY	OPATE	ATT-Y	DPPY	DGZ	DELTA V	OPS	PERILU
	METPIC UNITS			ALTRATE	ALT	ROLL	BALL-Y	CDUZ	RPATE	ATT-Z	DPPZ	DGZ	MASS	AFS	
369542.7	1743531	- 24.6	1.27	- 47.1	0.86	- 0.54	0.22	- 0.62	- 0.01	- 0.76	254	0	5464	528.0	4.79
102:39: 3	4572	- 7.5	.03	1849.7	25.51	161.71	73.45	73.45	- 0.21	- 0.11	6	3	777	687	-981.29
LANDING	- 521.6	561.3	- 4.08	- 136.9	271.81	- 0.71	0.62	0.21	0.08	0.00	- 117	3	225.81	51.84	

107441	CLCK	REQUEST @	READACC					T1=20244		SECONDS	RUNNING		369542.761239		4553
063073	CLCK	PEQUEST @	LRALT					T1=20257		SECONDS	RUNNING		369542.871761		3984
076206	CLCK	PEQUEST @	SERVICR					T1=20257		SECONDS	RUNNING		369542.875821		4331
063150	CLCK	PEQUEST @	RADAREAD					T1=20271		SECONDS	RUNNING		369542.974409		2402
DISPLAYS =	63	16	68		+10306	-13816	-10024						RELEASE DISPLAY		369542.990012
006071	CLCK	REQUEST @	MUNGRAV					T1=20275		SECONDS	RUNNING		369543.011569		5824
006071	CLCK	REQFST @	MUNGRAV					T1=20306		SECONDS	RUNNING		369543.107241		4779
006071	CLCK	REQUEST @	MUNGRAV					T1=20332		SECONDS	RUNNING		369543.212687		1757
063107	CLCK	REQUEST @	LRVEL					T1=20242		SECONDS	RUNNING		369543.281787		7517

CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
 T = 369543.42 , RACT = 4 , VDG = 0 , RDG = 1

063150	CLCK	REQUEST @	RADAREAD					T1=20353		SECONDS	RUNNING		369543.474858		5449
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CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
 T = 369543.62 , RACT = 4 , VDG = 0 , PDC = 1

101757	CLCK	REQUEST @	RDGINS					T1=20363		SECONDS	RUNNING		369543.551324		1974
063150	CLCK	REQUEST @	RADAREAD					T1=20365		SECONDS	RUNNING		369543.575035		3997

CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
 T = 369543.82 , RACT = 4 , VDG = 0 , RDG = 1

063150	CLCK	REQUEST @	RADAREAD					T1=20377		SECONDS	RUNNING		369543.674910		2521
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CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
 T = 369543.72 , RACT = 4 , VDG = 0 , RDG = 1

063150	CLCK	REQUEST @	RADAREAD					T1=20411		SECONDS	RUNNING		369543.774861		1749
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CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
 T = 369543.82 , RACT = 4 , VDG = 0 , RDG = 1

063150	CLCK	REQUEST @	RADAREAD					T1=20423		SECONDS	RUNNING		369543.874721		6588
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073121	CLCK REQUEST @ QUADGUID	T1=20437	SECONDS RUNNING	369544.06593	0979
DISPLAYS =	63 16 68	+0306 -03X14 -00029	RELEASE DISPLAY	369544.00022	
LMY99	AGC 001 NASA 2021112- 6I NEW SIMULATION	MARSFOT 20414415 /EYLE5	LRKALAP2, FVVCNTL 07/23/60 14:43	PAGE 261	
			/DUPLICATE LANDING	LAST SNAP	369500
072216	CLCK REQUEST @ THRCTILE	T1=20474	SECONDS RUNNING	369544.282542	4371
006071	CLCK REQUEST @ FINDCPUW	T1=20475	SECONDS RUNNING	369544.252343	5207
073473	CLCK REQUEST @ P63DISPS	T1=20533	SECONDS RUNNING	369544.593353	6904
073476	CLCK REQUEST @ ENDLJCB	T1=20533	SECONDS RUNNING	369544.596559	1167

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUx	PRATF	ATT-X	DPPX	DGX	THPST	IRS	APOLU
LANDING	(STABLE MEMPR COORDS)			FORVEL	LONG	PITCH	BALL-P	CDUY	OPATE	ATT-Y	DPPY	DGY	DFLTAV	IRS	REFILU
	METRIC UNITS			ALTRATE	ALT	RCLL	BALL-Y	CDUZ	RPATE	ATT-Z	DPPZ	DCZ	MASS	APS	
369544.7	1743481	- 25.3	1.30	- 46.6	0.86	- 0.52	0.24	- 0.62	- 0.01	- 0.76	261	0	9844	520.6	4.75
102:39: 5	4557	- 7.4	1.03	1823.2	25.47	161.38	73.09	73.09	- 0.14	- 0.21	0	0	3706	522	- 482.97
LANDING -	51993	552.2	- 4.09	- 127.01	26907	- 0.72	0.62	0.24	0.02	0.00	- 819	0	22516	5180	

107441	CLCK REQUEST @ READALCS	T1=20554	SECONDS RUNNING	369544.761256	5221
063073	CLCK REQUEST @ LRALT	T1=20567	SECONDS RUNNING	369544.874221	4361
076206	CLCK REQUEST @ SERVICER	T1=20567	SECONDS RUNNING	369544.878281	5217
063150	CLCK REQUEST @ RADAREAD	T1=20600	SECONDS RUNNING	369544.969667	3006
DISPLAYS =	63 16 68	+0300 -03X14 -00029	RELEASE DISPLAY	369545.00015	
006071	CLCK REQUEST @ MUNGRAV	T1=20604	SECONDS RUNNING	369545.018392	6311
006071	CLCK REQUEST @ MUNGRAV	T1=20616	SECONDS RUNNING	369545.013739	4447
006071	CLCK REQUEST @ MUNGRAV	T1=20641	SECONDS RUNNING	369545.029159	1114
063107	CLCK REQUEST @ LRVEL	T1=20652	SECONDS RUNNING	369545.381959	2188

CHANNEL RD ATTEMPT WITHOUT LG DISCRETE PRESENT  
T = 369545.42, RACT = 5, VDG = 0, RDG = 1

063150	CLCK REQUEST @ RADAREAD	T1=20663	SECONDS RUNNING	369545.474878	6119
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CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
T = 369545.52, PACT = 5, VEC = 0, PDG = 1

101757	CLCK REQUEST @ RDGIMS	T1=20673	SECONDS RUNNING	369545.551214	2631
063150	CLCK REQUEST @ RADAREAD	T1=20675	SECONDS RUNNING	369545.577638	4886

CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
T = 369545.62, RACT = 5, VDG = 0, RDG = 1

063150	CLCK REQUEST @ RADAREAD	T1=20707	SECONDS RUNNING	369545.674965	2183
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CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
T = 369545.72, RACT = 5, VDG = 0, PDG = 1

063150 CLCCK REQUEST @ RADAREAD T1=20721 SECONDS RUNNING 369545.774875 1717

CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
 T = 369545.82 , RACT = 5 , VDG = 0 , RDG = 1

063150 CLCCK REQUEST @ RADAREAD T1=20723 SECONDS RUNNING 369545.874870 0253

073121 CLCCK REQUEST @ QUADGUID T1=20747 SECONDS RUNNING 369545.901146 0172

DISPLAYS = 63 16 68 400300 -03X12 -00018 RELEASE DISPLAY 369546.000032

072216 CLCCK REQUEST @ THRATTLE T1=21003 SECONDS RUNNING 369546.273934 4304

006071 CLCCK REQUEST @ FINCCDUM T1=21004 SECONDS RUNNING 369546.029508 5255

073473 CLCCK REQUEST @ P63CISPS T1=21043 SECONDS RUNNING 369546.591123 1285

073476 CLCCK REQUEST @ ENDLJCB T1=21043 SECONDS RUNNING 369546.593330 1558

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPYX	DCX	THRUST	WCS	APDU
LANDING	(STABLE MEMBER METRIC UNITS)	COORDS)	(COORDS)	FCRVEL ALTRATF	LONG ALT	PITCH RCLL	BALL-P BALL-Y	CDUY CDUZ	QRATE PRATE	ATT-Y ATT-Z	DPYD DDPZ	DGY DGZ	DELTA V MASS	DPS	PERILU
369546.7	174343	- 25.8	1.33 - 46.2	1.86 - 0.53	1.86 - 0.53	0.23 - 0.62	0.23 - 0.62	0.23 - 0.62	0.76 - 2.66	0.76 - 2.66	2.66	2.66	9645	528.0	4.77
102:39:7	4543	- 7.4	0.03 1796.7	25.43	161.12	72.79	72.79	0.17	0.17	7	7	7	3825	4757	-8846.63
LANDING -	50896	544.1	- 4.79 - 127.0	26.63 - 0.73	0.62	0.24 - 0.13	0.00 - 81.9						22451	5189	

107441 CLCCK REQUEST @ READACCS T1=21064 SECONDS RUNNING 369546.761287 5891

063073 CLCCK REQUEST @ LRLAT T1=21077 SECONDS RUNNING 369546.871154 5266

076206 CLCCK REQUEST @ SERVICER T1=21077 SECONDS RUNNING 369546.875219 5613

063150 CLCCK REQUEST @ RADAREAD T1=21111 SECONDS RUNNING 369546.97746 3765

DISPLAYS = 63 16 68 40294 -03X12 -00014 RELEASE DISPLAY 369547.00014

006071 CLCCK REQUEST @ MUNGRAV T1=21114 SECONDS RUNNING 369547.09780 7136

006071 CLCCK REQUEST @ MUNGRAV T1=21126 SECONDS RUNNING 369547.101525 5522

006071 CLCCK REQUEST @ MUNGRAV T1=21152 SECONDS RUNNING 369547.201115 2383

063107 CLCCK REQUEST @ LRVEL T1=21162 SECONDS RUNNING 369547.0364381 0061

CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
 T = 369547.42 , RACT = 6 , VDG = 0 , RDG = 1

063150 CLCCK REQUEST @ RADAREAD T1=21173 SECONDS RUNNING 369547.474883 4784

CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT

T = 369547.52 , RACT = 6 , VDG = 0 , RDG = 1

LMY99	AGC	001	NASA 2021112-	.61 NEW SIMULATION	MAKSPOT 21414415 /EYLES	LRRADAR26ENVNTPLE 7/27/69	17:43	PACF	263
					/DUPLICATE LANDING		LAST	SNAP	369500
101757	CLCK	REQUEST @	RDGIMS		T1=21203	SECONDS	RUNNING	369547.551249	3311
063150	CLCK	REQUEST @	RADARFAD		T1=21215	SECONDS	RUNNING	369547.574956	5315
CHANNEL RC ATTEMPT WITHOUT DG DISCRETE PRESENT T = 369547.62 , RACT = 6 , VDG = 0 , RDG = 1									
063150	CLCK	REQUEST @	RADAREAD		T1=21217	SECONDS	RUNNING	369547.574919	4854
CHANNEL PD ATTEMPT WITHOUT DG DISCRETE PRESENT T = 369547.72 , RACT = 6 , VDG = 0 , RDG = 1									
063150	CLCK	REQUEST @	RADAREAD		T1=21231	SECONDS	RUNNING	369547.774867	2383
CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT T = 369547.82 , RACT = 6 , VDG = 0 , RDG = 1									
063150	CLCK	REQUEST @	RADAREAD		T1=21243	SECONDS	RUNNING	369547.874854	915
073121	CLCK	REQUEST @	QUADGUID		T1=21257	SECONDS	RUNNING	369547.995989	1245

DISPLAYS = 63 16 66 +0294 -03X10 -00022 RELEASE DISPLAY 369548.000035

072216	CLCK	REQUEST @	THRCTL		T1=21213	SECONDS	RUNNING	369548.279176	5417
066071	CLCK	REQUEST @	EINDCPW		T1=21315	SECONDS	RUNNING	369548.290313	6368
073473	CLCK	REQUEST @	063DISPS		T1=21253	SECONDS	RUNNING	369548.591831	2097
073476	CLCK	REQUEST @	ENDLLCB		T1=21253	SECONDS	RUNNING	369548.595138	2271

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	Δ	LAT/L	LAT	YAW	BALL-R	CDUX	PRATE	ATT-Y	DPPY	DGX	THEUST	XCS	APDU
LANDING	(STABLE MEMBER METRIC)	(MEMBER METRIC)	(CCORDS)	(ECPVEL ALTRATE)	(LCNG ALT)	(PITCH RECL)	(BALL-P BALL-Y)	(CDUY COUZ)	(QRATE PRATE)	(ATT-Y ATT-Z)	(DPPY OPPZ)	(DGX DGZ)	(DELTAV MASS)	(DPS APS)	(PERLU)
369548.07	1743377	- 2.04	1.35	- 45.9	11.86	- 0.58	11.19	- 0.63	- 0.00	- 0.76	27.1	7	9865	5200	4.66
102:35: 9	4529	- 7.3	1.13	1770.2	25.40	160.88	72.52	72.52	- 0.10	- 0.21	7	7	2852	6492	-986.26
LANDING	49816	53.6	- 4.17	- 126.9	26359	- 0.74	0.63	0.19	0.00	0.00	- 82.0	6	22786	5180	

107441	CLCK	REQUEST @	READACCS		T1=21374	SECONDS	RUNNING	369548.761221	6552
063073	CLCK	REQUEST @	LKALT		T1=21407	SECONDS	RUNNING	369548.971731	5982
076206	CLCK	REQUEST @	SFRVICER		T1=21407	SECONDS	RUNNING	369548.975791	6329
063150	CLCK	REQUEST @	RADAREAD		T1=21421	SECONDS	RUNNING	369548.977668	4425

DISPLAYS = 63 16 66 +0288 -3X11 -00022 RELEASE DISPLAY 369548.000014

066071	CLCK	REQUEST @	MUNGRAV		T1=21425	SECONDS	RUNNING	369548.011155	7794
066071	CLCK	REQUEST @	MUNGRAV		T1=21436	SECONDS	RUNNING	369548.017148	6171

LMY99 AGC 1 NASA 2021112- 61 NEW SIMULATION MARKSDT 2 414415 /FYLES LRRADAR2. FMVCNTEL 777-765 14:43 PAGE 264  
 /DUPLICATE LANDING LAST SNAP 369500

006071	CLOCK REQUEST @ MUNGRAV	T1=21462	SECONDS RUNNING	369549.383191	2791
063107	CLOCK REQUEST @ LRVEL	T1=21472	SECONDS RUNNING	369549.381784	6586
CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT T = 369549.42, RACT = 4, VDG = 0, RDG = 1					
063150	CLOCK REQUEST @ RADAREAD	T1=21503	SECONDS RUNNING	369549.474865	7449
CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT T = 369549.52, RACT = 4, VDG = 0, RDG = 1					
101757	CLOCK REQUEST @ REGIMS	T1=21513	SECONDS RUNNING	369549.541227	3966
063150	CLOCK REQUEST @ RADAREAD	T1=21515	SECONDS RUNNING	369549.574971	5983
CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT T = 369549.62, RACT = 4, VDG = 0, RDG = 1					
063150	CLOCK REQUEST @ RADAREAD	T1=21527	SECONDS RUNNING	369549.674071	4517
CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT T = 369549.72, RACT = 4, VDG = 0, RDG = 1					
063150	CLOCK REQUEST @ RADAREAD	T1=21541	SECONDS RUNNING	369549.774959	3740
CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT T = 369549.82, RACT = 4, VDG = 0, RDG = 1					
063150	CLOCK REQUEST @ RADAREAD	T1=21553	SECONDS RUNNING	369549.874859	1582
073121	CLOCK REQUEST @ QUADGUID	T1=21567	SECONDS RUNNING	369549.958497	7133
DISPLAYS =	63	16	68	+10288 -03098 -00016	RELEASE DISPLAY 369550.000000
SNAPSHOT	369550	SECONDS RUNNING	369550.000000		

072216	CLCCK REQUEST @ THRCITLF	T1=21624	SECONDS RUNNING	369551.282673	6382
066071	CLCCK REQUEST @ FINDCDUW	T1=21625	SECONDS RUNNING	369551.292665	7218
073473	CLCCK REQUEST @ P63DISPS	T1=21663	SECONDS RUNNING	369551.592836	2851
073476	CLCCK REQUEST @ ENDLJOB	T1=21663	SECONDS RUNNING	369551.596744	3122

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LRS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPX	DGX	THRUST	RCS	APDUU
LANDING	(STABLE MEMBER COORDS)	FCRVEL	LCNG	PITCH	LCNG	PITCH	BALL-P	CDUY	QRATE	ATT-Y	DPY	DGY	DELTA V	DRS	REPILU
	METRIC UNITS		ALTRATE	ALT	RCLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPZ	DGZ	MASS	APS		
369550.7	1743324 - 26.9	1.37	- 45.4	0.86	- 0.59	0.19	- 0.63	- 0.00	- 0.76	274	*	0846	526.9	4.61	
102:39:11	4516 - 7.2	0.03	1743.6	25.36	16.72	72.32	72.32	- 0.11	- 0.21	7		388	61.27	-397.86	
LANDING	- 48751	527.9	- 4.10	- 136.7	20.85	- 0.75	0.63	0.18	0.11	0.00	- 0.22	22321	51.99		

107441	CLCCK REQUEST @ READACCS	T1=21704	SECONDS RUNNING	369551.0741223	7219
063073	CLCCK REQUEST @ LRALT	T1=21716	SECONDS RUNNING	369551.0867292	6271
076206	CLCCK REQUEST @ SERVICER	T1=21717	SECONDS RUNNING	369551.0876941	7003
063150	CLCCK REQUEST @ RADAREAD	T1=21730	SECONDS RUNNING	369551.0969743	5012
006071	CLCCK REQUEST @ MUNGRAV	T1=21733	SECONDS RUNNING	369551.0994463	7548

DISPLAYS = 63 16 68 + 282 -03X08 - 0016 RELEASE DISPLAY 369551.099013

006071	CLCCK REQUEST @ MUNGRAV	T1=21746	SECONDS RUNNING	369551.12664	6355
006071	CLCCK REQUEST @ MUNGRAV	T1=21771	SECONDS RUNNING	369551.298396	3057
063107	CLCCK REQUEST @ LRVEL	T1=22002	SECONDS RUNNING	369551.078776	0083

CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
T = 369551.042, RACT = 5, VDG = 0, RDG = 1

063150	CLCCK REQUEST @ RADAREAD	T1=22013	SECONDS RUNNING	369551.074871	8117
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CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
T = 369551.052, RACT = 5, VDG = 0, RDG = 1

101757	CLCCK REQUEST @ RDGIMS	T1=22022	SECONDS RUNNING	369551.041228	3779
063150	CLCCK REQUEST @ RADAREAD	T1=22025	SECONDS RUNNING	369551.0576673	684

CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
T = 369551.062, RACT = 5, VDG = 0, RDG = 1

063150	CLCCK REQUEST @ RADAREAD	T1=22037	SECONDS RUNNING	369551.074858	6122
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CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
T = 369551.072, RACT = 5, VDG = 0, RDG = 1



CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
 T = 369551.72 , RACT = 5 , VDG = C , RDG = 1

LMY99 AGC 001 NASA 2021112-061 NEW SIMULATION MARSBOT 20414415 /EYLES LRRADAR2,EMVCNTEFL 07/2 / 14:43 PAGE 266  
 /DUPLICATE LANDING LAST SNAP 369550

063150 CLCCK REQUEST @ RACARFAD T1=22051 SECONDS RUNNING 369551.774891 3719

CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
 T = 369551.82 , RACT = 5 , VDG = C , RDG = 1

063150 CLCCK REQUEST @ RACARFAD T1=22063 SECONDS RUNNING 369551.874854 2249

073121 CLCCK REQUEST @ QUADGUID T1=22076 SECONDS RUNNING 369551.987702 1878

DISPLAYS = 63 16 68 +00282 -03X06 -00016 RELEASE DISPLAY 369552.00016

072216 CLCCK REQUEST @ THRCTILE T1=22133 SECONDS RUNNING 369552.270258 5990

006071 CLCCK REQUEST @ FINDCDUW T1=22134 SECONDS RUNNING 369552.281459 6945

073473 CLCCK REQUEST @ P63DISPS T1=22172 SECONDS RUNNING 369552.586131 2944

073476 CLCCK REQUEST @ ENDLJCB T1=22172 SECONDS RUNNING 369552.589338 3218

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-P	CDUX	PRATE	ATT-X	DPPX	PGX	THRUST	4CS	APDU
LANDING	(STABE MEMBER COORDS)	METRIC UNITS	(COORDS)	FORVEL	LONG	PITCH	BALL-P	CDUX	OPATE	ATT-Y	DPPY	PGY	DELTA V	DPS	PER ILU
				ALTRATE	ALT	ROLL	BALL-Y	CDUJ	RRATE	ATT-Z	DPPZ	PGZ	MASS	APS	
369552.7 102:39:13	1742270	27.3	1.41	-45.0	25.88	160.41	0.21	0.63	0.10	0.76	279	0.067	52.0	0.006	4.52
LANDING	4502	7.2	1.15	171.0	25812	0.76	0.63	0.19	0.24	0.00	7	0.006	6.82	0.006	4.52
	477.13	51.7	4.11	136.4							822	0.006	51.89		

107441 CLCCK REQUEST @ REACACCS T1=22214 SECONDS RUNNING 369552.761282 7821

063073 CLCCK REQUEST @ LRALT T1=22227 SECONDS RUNNING 369552.871530 7295

076206 CLCCK REQUEST @ SERVICER T1=22227 SECONDS RUNNING 369552.875600 7645

063150 CLCCK REQUEST @ RACARFAD T1=22241 SECONDS RUNNING 369552.976416 5736

DISPLAYS = 63 16 68 +00276 -03X07 -0010 RELEASE DISPLAY 369553.00026

006071 CLCCK REQUEST @ MUNGRAV T1=22244 SECONDS RUNNING 369553.09365 513

006071 CLCCK REQUEST @ MUNGRAV T1=22256 SECONDS RUNNING 369553.10730 7624

006071 CLCCK REQUEST @ MUNGRAV T1=22302 SECONDS RUNNING 369553.216612 4425

063107 CLCCK REQUEST @ LRVEL T1=22312 SECONDS RUNNING 369553.385127 1116

CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
 T = 369553.43 , RACT = 6 , VDG = C , RDG = 1

063150 CLCCK REQUEST @ RACARFAD T1=22324 SECONDS RUNNING 369553.48485 3629

CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
 T = 369553.53 , RACT = 6 , VDG = 0 , RDG = 1

LMY99	AGC	001	NASA 2021112-661 NEW SIMULATION	MARSPT 20414415 /EYLES	LFPADAR2,FMVONTFL /7727/00	14:43	PAGE	267
					/DUPLICATE LAN IN	LAST SNAP		369550
101757			CLOCK REQUEST @ RDGIMS	T1=22333	SECONDS RUNNING	369553.551259		6302
063150			CLOCK REQUEST @ RADAREAD	T1=22336	SECONDS RUNNING	369553.585213		8199
			CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT T = 369553.63 , RACT = 6 , VDG = 0 , RDG = 1					
063150			CLOCK REQUEST @ RADAREAD	T1=22350	SECONDS RUNNING	369553.664916		6716
			CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT T = 369553.73 , RACT = 6 , VDG = 0 , RDG = 1					
063150			CLOCK REQUEST @ RADAREAD	T1=22262	SECONDS RUNNING	369553.784874		5237
			CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT T = 369553.83 , RACT = 6 , VDG = 0 , RDG = 1					
063150			CLOCK REQUEST @ RADAREAD	T1=22374	SECONDS RUNNING	369553.884857		3760
073121			CLOCK REQUEST @ QUADGUID	T1=22417	SECONDS RUNNING	369553.997168		3353
DISPLAYS =	63	16	68	400276	-03X05	-00115	RELEASE DISPLAY	369554.00042
072216			CLOCK REQUEST @ THRCTTLE	T1=22443	SECONDS RUNNING	369554.279000		7413
060711			CLOCK REQUEST @ FINDCDUW	T1=22445	SECONDS RUNNING	369554.291100		8304
073473			CLOCK REQUEST @ P63DISPS	T1=22503	SECONDS RUNNING	369554.502867		4186
073476			CLOCK REQUEST @ ENDLJCB	T1=22503	SECONDS RUNNING	369554.596174		4459

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	GRATE	ATT-X	DPPX	DGY	THRUST	RCS	APOLU
LANDING	(STABLE MEMBER METRIC UNITS)	COORDS	ALTRATE	FORVEL	LONG	PITCH	BALL-P	CRUZ	RRATE	ATT-Y	DPPY	DGZ	DELTA V	DPS	PERILU
369554.7	1743215	- 27.7	1.43	- 44.5	25.86	- 0.61	0.18	- 0.64	- 0.00	- 0.76	286	0	9867	528.9	4.51
102:39:15	4488	- 7.1	0.33	1691.3	25.29	16.01	71.54	71.54	- 0.13	- 0.22	6	1	3936	6407	-891.98
LANDING	- 46672	511.6	- 4.11	- 135.9	25539	- 0.77	0.64	0.18	- 0.00	0.00	- 824	1	22191	5189	

107441			CLOCK REQUEST @ READACCS	T1=22524	SECONDS RUNNING	369554.761256		8985
063073			CLOCK REQUEST @ LRALT	T1=22537	SECONDS RUNNING	369554.871209		7945
076206			CLOCK REQUEST @ SERVICER	T1=22537	SECONDS RUNNING	369554.875359		8291
063150			CLOCK REQUEST @ RADAREAD	T1=22551	SECONDS RUNNING	369554.971327		6414
DISPLAYS =	63	16	68	400271	-03X05	-00115	RELEASE DISPLAY	369555.00011
060711			CLOCK REQUEST @ MUNGRAV	T1=22554	SECONDS RUNNING	369555.100033		9775
060711			CLOCK REQUEST @ MUNGRAV	T1=22566	SECONDS RUNNING	369555.116739		1345

006071 CLCCK REQUEST @ MUNGRAV T1=22612 SECONDS RUNNING 369555.371834 4694

063107 CLCCK REQUEST @ LRVEL T1=22622 SECONDS RUNNING 369555.38427 1391

CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
 T = 369555.42 , RACT = 4 , VDG = 0 , RDG = 1

063150 CLCCK REQUEST @ RADAREAD T1=22633 SECONDS RUNNING 369555.474807 9452

CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
 T = 369555.52 , RACT = 4 , VDG = 0 , RDG = 1

101757 CLCCK REQUEST @ RCGIMS T1=22642 SECONDS RUNNING 369555.54120 5112

063150 CLCCK REQUEST @ RADAREAD T1=22645 SECONDS RUNNING 369555.574386 7934

CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
 T = 369555.62 , RACT = 4 , VDG = 0 , RDG = 1

063150 CLCCK REQUEST @ RADAREAD T1=22657 SECONDS RUNNING 369555.674374 6517

CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
 T = 369555.72 , RACT = 4 , VDG = 0 , RDG = 1

063150 CLCCK REQUEST @ RADAREAD T1=22671 SECONDS RUNNING 369555.774362 5049

CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
 T = 369555.82 , RACT = 4 , VDG = 0 , RDG = 1

063150 CLCCK REQUEST @ RADAREAD T1=22703 SECONDS RUNNING 369555.74036 3587

073121 CLCCK REQUEST @ QUADGUC T1=22717 SECONDS RUNNING 369555.90331 7690

DISPLAYS = 63 16 68 +00271 -03X03 -00013 RELEASE DISPLAY 369556.00009

072216 CLCCK REQUEST @ THRITTLE T1=22753 SECONDS RUNNING 369556.276499 7855

006071 CLCCK REQUEST @ FINDCPUW T1=22754 SECONDS RUNNING 369556.287646 9807

073473 CLCCK REQUEST @ P03DISPS T1=23012 SECONDS RUNNING 369556.587264 4374

073476 CLCCK REQUEST @ ENDLLJCB T1=23013 SECONDS RUNNING 369556.590471 4648

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PPATE	ATT-X	DPPX	CGX	THIST	RCS	APDLU
LANDING	(STABLE MEMBER METRIC UNITS)	(COORDS)	(COORDS)	FORVEL ALT RATE	LONG ALT	PITCH ROLL	BALL-P BALL-Y	CDUY CRUZ	PPATE	ATT-Y ATT-Z	DPPY DPPZ	CGY CGZ	DELTA MASS	DPS	PERILU
369556.7	1742159	- 28.0	1.45	- 44.1	4.86	- 0.61	0.16	- 1.64	- 0.00	- 0.76	291		2868	528.0	4.46
102:39:17	4475	- 7.1	3.03	1663.6	25.26	159.87	71.38	71.37	- 0.12	- 0.00	7		2043	6432	-892.5
LANDING	45656	513.4	- 4.11	- 135.4	25268	- 0.79	0.64	0.18	- 0.11	0.30	- 824		221.5	5180	

LC7441	CLCCK REQUEST @ READACCS	T1=23034	SECONDS RUNNING	369556.761229	0219
LMY99	AGC 001 NASA 2021112-061 NEW SIMULATION	MARSKOT 20414415 /EYLF5	LRRADAR 20 ENVCNTPL 7/23/69 14:43	PAGE 269	
			/DUPLICATE LANDING	LAST SNAP	369550
063073	CLCCK REQUEST @ LRLAT	T1=23047	SECONDS RUNNING	369556.874204	886
076206	CLCCK REQUEST @ SERVICER	T1=23047	SECONDS RUNNING	369556.878265	926
063150	CLCCK REQUEST @ RADAREAD	T1=23060	SECONDS RUNNING	369556.969713	7010
DISPLAYS =	63 16 68	+0265 -03X03 -00013	RELEASE DISPLAY	369557.00026	
006071	CLCCK REQUEST @ MUNGRAV	T1=23064	SECONDS RUNNING	369557.008461	316
006071	CLCCK REQUEST @ MUNGRAV	T1=23076	SECONDS RUNNING	369557.13499	8426
006071	CLCCK REQUEST @ MUNGRAV	T1=23121	SECONDS RUNNING	369557.299213	5127
063107	CLCCK REQUEST @ LRVEL	T1=23132	SECONDS RUNNING	369557.381581	2156
	CHANNEL RC ATTEMPT WITHOUT DG DISCRETE PRESENT T = 369557.42 , RACT = 5 , VCG = 0 , RCG = 1				
063150	CLCCK REQUEST @ RADAREAD	T1=23143	SECONDS RUNNING	369557.474913	1121
	CHANNEL RC ATTEMPT WITHOUT DG DISCRETE PRESENT T = 369557.52 , RACT = 5 , VCG = 0 , RCG = 1				
101757	CLCCK REQUEST @ RCGIMS	T1=23152	SECONDS RUNNING	369557.541224	5779
063150	CLCCK REQUEST @ RADAREAD	T1=23155	SECONDS RUNNING	369557.57590	4738
	CHANNEL RC ATTEMPT WITHOUT DG DISCRETE PRESENT T = 369557.62 , RACT = 5 , VCG = 0 , RCG = 1				
063150	CLCCK REQUEST @ RADAREAD	T1=23167	SECONDS RUNNING	369557.674882	7184
	CHANNEL RC ATTEMPT WITHOUT DG DISCRETE PRESENT T = 369557.72 , RACT = 5 , VCG = 0 , RCG = 1				
063150	CLCCK REQUEST @ RADAREAD	T1=23201	SECONDS RUNNING	369557.774861	5716
	CHANNEL RC ATTEMPT WITHOUT DG DISCRETE PRESENT T = 369557.82 , RACT = 5 , VCG = 0 , RCG = 1				
063150	CLCCK REQUEST @ RADAREAD	T1=23213	SECONDS RUNNING	369557.874865	4249
073121	CLCCK REQUEST @ QUADGUID	T1=23226	SECONDS RUNNING	369557.988227	3923
DISPLAYS =	63 16 68	+0265 -03X01 -0014	RELEASE DISPLAY	369558.00002	
072216	CLCCK REQUEST @ THROTTLE	T1=23263	SECONDS RUNNING	369558.270777	8034
006071	CLCCK REQUEST @ FINDCDLW	T1=23264	SECONDS RUNNING	369558.281990	8991
073473	CLCCK REQUEST @ P63DISPS	T1=23322	SECONDS RUNNING	369558.584497	4975
073476	CLCCK REQUEST @ ENDLJCHK	T1=23322	SECONDS RUNNING	369558.589705	5249

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

LMY99 AGC 001 NASA 2 21112- 61 NEW SIMULATION MARSFOT 2 414415 /EYLES LPRADAR2, ENVNCTPL 07/23/60 14:43 RACE 270  
/DUPLICATE LANDING LAST SNAP 369550

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	DCX	THPLST	RCS	APDLU
LANDING	(STABLE MEMBER METRIC UNITS)	COORDS)	FORVEL	LONG	PITCH	BALL-R	CDUY	ORATE	ATT-Y	DPPY	DGY	DELTA V	DPS	PEFILU	
			ALTRATE	ALT	POLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	DGZ	MASS	APS		
36955E.7	1743102	- 28.3	1.48	- 4.3	1.85	- 0.55	0.25	- 0.64	- 0.10	- 0.76	2.96	0	9PAR	528.6	4.42
102:39:19	4461	- 7.0	1.03	1626.9	25.23	159.49	7.96	- 0.12	- 0.21	7	0	3001	526.7	-894.00	
LANDING	- 44657	495.3	- 4.12	- 134.6	24998	- 0.79	0.64	0.25	0.17	0.00	- 5.25	0	2206	5189	

107441 CLCCK REQUEST @ READACCS T1=23344 SECONDS RUNNING 369558.701249 9887

063073 CLCCK REQUEST @ LRALT T1=23357 SECONDS RUNNING 369558.871110 9179

076206 CLCCK REQUEST @ SERVICER T1=23257 SECONDS RUNNING 369558.874181 9524

063150 CLCCK REQUEST @ RADAREAD T1=23370 SECONDS RUNNING 369558.969685 7474

006071 CLCCK REQUEST @ MUNGRAV T1=23373 SECONDS RUNNING 369558.997632 8159

DISPLAYS = 63 16 68 +01259 -03001 -0 0 14 RELEASE DISPLAY 369550.00001

006071 CLCCK REQUEST @ MUNGRAV T1=23406 SECONDS RUNNING 369559.114668 9193

006071 CLCCK REQUEST @ MUNGRAV T1=23431 SECONDS RUNNING 369559.209321 5803

063107 CLCCK REQUEST @ LRVEL T1=23441 SECONDS RUNNING 369559.377991 2516

CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
T = 369559.42 , RACT = 6 , VDG = 0 , RDG = 1

063150 CLCCK REQUEST @ RADAREAD T1=23453 SECONDS RUNNING 369559.474876 7784

CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
T = 369559.52 , RACT = 6 , VDG = 0 , RDG = 1

101757 CLCCK REQUEST @ RDGIMS T1=23462 SECONDS RUNNING 369559.541277 6450

063150 CLCCK REQUEST @ RADAREAD T1=23465 SECONDS RUNNING 369559.576321 9484

CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
T = 369559.62 , RACT = 6 , VDG = 0 , RDG = 1

063150 CLCCK REQUEST @ RADAREAD T1=23477 SECONDS RUNNING 369559.674875 7850

CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
T = 369559.72 , RACT = 6 , VDG = 0 , RDG = 1

063150 CLCCK REQUEST @ RADAREAD T1=23511 SECONDS RUNNING 369559.774871 6383

CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
T = 369559.82 , RACT = 6 , VDG = 0 , RDG = 1

063150 CLCCK REQUEST @ RADAREAD T1=23523 SECONDS RUNNING 369559.874854 4915

072121 CLCCK REQUEST @ QUADRUANT T1=23527 SECONDS RUNNING 369559.902000 4974

DISPLAYS = 63 16 68

+0259 -02X59 -00013

RELEASE DISPLAY

369561.00009

LMY99	AGC	001	NASA 2	21112- 61	NEW SIMULATION	MARSROT 2	2414415 /FYLES	LRPADAR2	ENVNTP	PL (7/23/79	14:43	PAGE	271
								/DUPLICATE	LANDING	LAST	SNAP	369550	
072216					CLCK REQUEST @ THROTTLE		T1=23573	SECONDS	RUNNING	369561.277365		9243	
006071					CLCK REQUEST @ FINDCDUW		T1=23574	SECONDS	RUNNING	369561.288511		1214	
073473					CLCK REQUEST @ P63DISPS		T1=23632	SECONDS	RUNNING	369561.589894		5932	
073476					CLCK REQUEST @ ENDLJOB		T1=23633	SECONDS	RUNNING	369561.599102		6276	

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TYPE	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	FGX	THELST	PCS	APOLU
LANDING	(STABLE MEMBER METRIC UNITS)	COORDS)	FORVEL	ALTRATE	LCNG	PITCH	BALL-P	CDUY	CRATE	ATT-Y	DPPY	DGY	DELTA V	DPS	PERILU
					ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	DG7	MASS	APS	
369561.07	1743.45	- 28.5	1.51	- 43.2	0.85	- 0.55	0.25	- 0.65	- 0.00	- 0.76	301	0	98.69	528.9	4.37
102:39:21	4448	- 6.9	1.13	161.1	25.19	150.32	70.76	70.76	- 0.09	- 0.21	8	0	47.19	63.2	-895.46
LANDING	43674	487.1	- 4.15	- 133.8	24729	- 0.80	0.65	0.25	- 0.00	0.00	- 826	0	21.995	51.89	

107441					CLCK REQUEST @ READACCS		T1=23654	SECONDS	RUNNING	369561.761251		554	
063073					CLCK REQUEST @ LRALT		T1=23667	SECONDS	RUNNING	369561.871407		9954	
070206					CLCK REQUEST @ SERVICER		T1=23667	SECONDS	RUNNING	369561.875460		301	
063150					CLCK REQUEST @ RADAREAD		T1=23701	SECONDS	RUNNING	369561.970413		9403	
DISPLAYS =	03	16	68		+0254 -02X59 -00013					RELEASE DISPLAY		369561.00015	
006071					CLCK REQUEST @ MUNGRAV		T1=23704	SECONDS	RUNNING	369561.10222		1718	
006071					CLCK REQUEST @ MUNGRAV		T1=23716	SECONDS	RUNNING	369561.146131		9984	
006071					CLCK REQUEST @ MUNGRAV		T1=23742	SECONDS	RUNNING	369561.301908		6690	
063107					CLCK REQUEST @ LRVEL		T1=23752	SECONDS	RUNNING	369561.300265		2377	

CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT

T = 369561.42, RACT = 4, VCG = 0, RDG = 1

063150					CLCK REQUEST @ RADAREAD		T1=23763	SECONDS	RUNNING	369561.474872		1451	
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CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT

T = 369561.52, RACT = 4, VCG = 0, RDG = 1

101757					CLCK REQUEST @ RDCIMS		T1=23772	SECONDS	RUNNING	369561.541217		7111	
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063150					CLCK REQUEST @ RADAREAD		T1=23775	SECONDS	RUNNING	369561.574916		9987	
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CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT

T = 369561.62, RACT = 4, VCG = 0, RDG = 1

063150					CLCK REQUEST @ RADAREAD		T1=24007	SECONDS	RUNNING	369561.674863		8516	
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CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT

T = 369561.72, RACT = 4, VCG = 0, RDG = 1

063150	CLCCK REQUEST @ RACAREAD	T1=24021	SECONDS RUNNING	369561.774878	7350
CHANNEL RC ATTEMPT WITHOUT DG DISCRETE PRESENT T = 369561.82 , RACT = 4 , VCG = 0 , RDG = 1					
063150	CLCCK REQUEST @ RACAREAD	T1=24033	SECONDS RUNNING	369561.974852	5582
073121	CLCCK REQUEST @ QUADGUID	T1=24047	SECONDS RUNNING	369561.992549	5625
DISPLAYS =	63 16 68 +0254 -02X57 -0001	RELEASE DISPLAY			369562.000013
072216	CLCCK REQUEST @ THROTTLE	T1=24103	SECONDS RUNNING	369562.276005	9864
066071	CLCCK REQUEST @ FINDCCWH	T1=24104	SECONDS RUNNING	369562.287758	816
073472	CLCCK REQUEST @ P63CISPS	T1=24142	SECONDS RUNNING	369562.587105	6352
073476	CLCCK REQUEST @ ENCLLJOB	T1=24143	SECONDS RUNNING	369562.590213	6626

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DDPX	DDY	THE	LST	PCS	APDU
LANCING	(STABLE MEMBER METRIC UNITS)	(COORDS)	(COORDS)	ECRVEL ALTRATF	LONG ALT	PITCH ROLL	BALL-P BALL-Y	CDUY CDUZ	ORATE RRATE	ATT-Y ATT-Z	DDPY DDYZ	DGY DGZ	DFLTAV MASS	DPS OPS	PERILU	PERILU
369562.7 102:39:23	1742988 4435	- 28.7 6.9	1.52 0.14	- 42.6 1583.3	0.85 25.16	- 0.47 159.15	0.33 70.56	- 0.65 70.55	- 0.00 0.13	- 0.76 0.21	304 8	0 0	9270 4147	52809 2237	4.32 -896.9	4.32
LANDING	- 42707	- 478.9	- 4.13	- 122.9	24462	- 0.8	0.65	0.32	0.03	0.00	- 827	0	2102	5189		

107441	CLCCK REQUEST @ REACACCS	T1=24164	SECONDS RUNNING	369562.761251	1221
063073	CLCCK REQUEST @ LRALT	T1=24176	SECONDS RUNNING	369562.867405	1279
076206	CLCCK REQUEST @ SEPVICER	T1=24177	SECONDS RUNNING	369562.877184	1105
063150	CLCCK REQUEST @ RACAREAD	T1=24210	SECONDS RUNNING	369562.969664	9016
066071	CLCCK REQUEST @ MUNGRAV	T1=24213	SECONDS RUNNING	369562.988951	1505
DISPLAYS =	63 16 68 +0249 -02X57 -0001	RELEASE DISPLAY			369563.000039
006071	CLCCK REQUEST @ MUNGRAV	T1=24226	SECONDS RUNNING	369563.012910	376
006071	CLCCK REQUEST @ MUNGRAV	T1=24251	SECONDS RUNNING	369563.297901	7007
063107	CLCCK REQUEST @ LRVEL	T1=24261	SECONDS RUNNING	369563.37941	2971

CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
T = 369563.42 , RACT = 5 , VCG = 0 , RDG = 1

063150	CLCCK REQUEST @ RACAREAD	T1=24273	SECONDS RUNNING	369563.474878	2117
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T = 369563.92 , RACT = 5 , VDG = 0 , RDG = 1

LMY99 AGC 01 NASA 2021112-061 NEW SIMULATION MARSROTOR 20414415 /EYLF5 LPRADAR2.0 MNCNTEI 17/23/60 14143 PAGE 273 /DUPLICATE LANDING LAST SNAP 369550

101757 CLCCK REQUEST @ RDGIMS T1=24302 SECONDS RUNNING 369563.541224 7779

063150 CLCCK REQUEST @ RADAREAD T1=24305 SECONDS RUNNING 369563.574871 0650

CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
T = 369563.62 , RACT = 5 , VDG = 0 , RDG = 1

063150 CLCCK REQUEST @ RADAREAD T1=24317 SECONDS RUNNING 369563.674876 9184

CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
T = 369563.72 , RACT = 5 , VDG = 0 , RDG = 1

062150 CLCCK REQUEST @ RADAREAD T1=24331 SECONDS RUNNING 369563.776854 7715

CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
T = 369563.82 , RACT = 5 , VDG = 0 , RDG = 1

062150 CLCCK REQUEST @ RADAREAD T1=24343 SECONDS RUNNING 369563.874859 6249

073121 CLCCK REQUEST @ QUADGUID T1=24356 SECONDS RUNNING 369563.925299 5673

DISPLAYS = 63 16 68 +00249 -02X55 -00010 RELEASE DISPLAY 369564.000000

072216 CLCCK REQUEST @ THROTTLE T1=24412 SECONDS RUNNING 369564.0267321 9739

006071 CLCCK REQUEST @ FINDECRUW T1=24413 SECONDS RUNNING 369564.0777130 576

073473 CLCCK REQUEST @ P63DISPS T1=24452 SECONDS RUNNING 369564.0583191 6693

073476 CLCCK REQUEST @ ENCLLJOB T1=24452 SECONDS RUNNING 369564.0583399 6967

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SFC, DEG

TIME	P	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	DCY	THRUST	RCS	APOLU
LANDING	(STABLE	MEMBER	COORDS)	FORVEL	LCNG	PITCH	BALL-P	CDUY	QRATE	ATT-Y	DPPY	DGY	DELTA V	DPS	PERILU
	METRIC	UNITS		ALT RATE	ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	DGZ	MASS	APS	
369564.7	174293	- 28.9	1.55	- 42.0	0.85	- 0.42	0.39	- 0.65	- 0.70	- 0.76	31	0	957	528.9	4.27
102:39:25	4422	- 6.8	0.4	1556.4	25.13	158.88	7.25	7.24	- 0.18	- 0.0	1	0	4175	6171	-808.31
LANDING	- 41757	47.7	- 4.14	- 131.9	24197	- 0.81	0.65	0.38	- 0.02	- 0.00	- 829	0	21865	5189	

107441 CLCCK REQUEST @ READACCS T1=24474 SECONDS RUNNING 369564.061215 1895

063073 CLCCK REQUEST @ LRALT T1=24507 SECONDS RUNNING 369564.0870306 1194

076206 CLCCK REQUEST @ SERVICER T1=24507 SECONDS RUNNING 369564.0874368 1540

063150 CLCCK REQUEST @ RADAREAD T1=24521 SECONDS RUNNING 369564.0970422 9737

DISPLAYS = 63 16 68 +00243 -02X56 -00010 RELEASE DISPLAY 369564.000013

006071 CLCCK REQUEST @ MUNGRAV T1=24524 SECONDS RUNNING 369565.008243 2964

006071 CLCCK REQUEST @ MUNGRAV T1=24536 SECONDS RUNNING 369565.107530 1437



006071 CLCK REQUEST @ MUNGRAV T1=24562 SECONDS RUNNING 369565.313654 9173  
063107 CLCK REQUEST @ LRVFL T1=24572 SECONDS RUNNING 369565.386585 4737

CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
T = 369565.42 , RACT = 6 , VDG = 0 , RDG = 1

063150 CLCK REQUEST @ RADARFAD T1=24613 SECONDS RUNNING 369565.474869 2793

CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
T = 369565.52 , RACT = 6 , VDG = 0 , RDG = 1

101757 CLCK REQUEST @ RDGIMS T1=24612 SECONDS RUNNING 369565.541399 8460

063150 CLCK REQUEST @ RADAREAD T1=24615 SECONDS RUNNING 369565.574856 1315

CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
T = 369565.62 , RACT = 6 , VDG = 0 , RDG = 1

063150 CLCK REQUEST @ RADAREAD T1=24627 SECONDS RUNNING 369565.674903 5853

CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
T = 369565.72 , RACT = 6 , VDG = 0 , RDG = 1

063150 CLCK REQUEST @ RADAREAD T1=24641 SECONDS RUNNING 369565.774869 8383

CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
T = 369565.82 , RACT = 6 , VDG = 0 , RDG = 1

063150 CLCK REQUEST @ RADAREAD T1=24653 SECONDS RUNNING 369565.874867 6916

073121 CLCK REQUEST @ QUADGUID T1=24667 SECONDS RUNNING 369565.9921 692

DISPLAYS = 63 16 68 +0243 -02X54 -00014 RELEASE DISPLAY 369566.000000

072216 CLCK REQUEST @ THROTTLE T1=24723 SECONDS RUNNING 369565.277108 1241

006071 CLCK REQUEST @ FINDCDUW T1=24724 SECONDS RUNNING 369565.289306 2282

073473 CLCK REQUEST @ P630ISPS T1=24742 SECONDS RUNNING 369566.586313 7626

073476 CLCK REQUEST @ ENDLLJOB T1=24763 SECONDS RUNNING 369566.597733 8003

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVFL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPX	DRX	THRUST	POS	APOLU
LANDING	(STABLE MEMBER METRIC)	MEMBER	COORDS)	FORVEL	LCNG	PITCH	BALL-P	CDUY	ORATE	ATT-Y	DPY	DRY	DELTA V	DPS	PEPILU
			UNITS	ALTRATE	ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPZ	DRZ	MASS	APS	
369566.7	1742872	- 29.0	1.58	- 29.0	4.85	- 0.41	0.41	- 0.61	0.11	- 0.98	315		4.71	52.0	4.22
102:39:27	44.9	- 6.7	0.04	1525.6	25.10	158.54	69.89	69.88	0.12	- 0.21			41.2	61.0	-999.7
LANDING	- 40824	462.5	- 4.14	- 13.07	23935	- 0.76	0.61	0.39	0.10	0.00	- 829		210	51.89	

107441 CLCK REQUEST @ REALACCS T1=25034 SECONDS RUNNING 369566.74135 3582

LMY99	AGC	001	NASA 2021112-061 NEW SIMULATION	MARSROT 2 414415 /FYLES	LPRADAR2.ENVCTRL 7/27/88 14:43	PAGE 275
						369550
						LAST SNAP
063073			CLCCK REQUEST @ LRALT	T1=25017	SECONDS RUNNING	369566.871325 1947
076206			CLCCK REQUEST @ SFRVICER	T1=25017	SECONDS RUNNING	369566.875390 2294
063150			CLCCK REQUEST @ RADAREAD	T1=25031	SECONDS RUNNING	369566.974460 047
DISPLAYS =	63	16	68	+00238 -02X54 -00014	RELEASE DISPLAY	369567.00052
006071			CLCCK REQUEST @ MUNGRAV	T1=25035	SECONDS RUNNING	369567.111709 3799
006071			CLCCK REQUEST @ MUNGRAV	T1=25046	SECONDS RUNNING	369567.117269 2081
006071			CLCCK REQUEST @ MUNGRAV	T1=25072	SECONDS RUNNING	369567.301226 8720
063107			CLCCK REQUEST @ LRVEL	T1=25102	SECONDS RUNNING	369567.380779 5421
CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT						
T = 369567.42 , RACT = 4 , VDG = 0 , RDG = 1						
063150			CLCCK REQUEST @ RADAREAD	T1=25113	SECONDS RUNNING	369567.474871 3249
CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT						
T = 369567.52 , RACT = 4 , VDG = 0 , RDG = 1						
101757			CLCCK REQUEST @ RDGIMS	T1=25122	SECONDS RUNNING	369567.541231 9113
063150			CLCCK REQUEST @ RADAREAD	T1=25125	SECONDS RUNNING	369567.574869 1983
CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT						
T = 369567.62 , RACT = 4 , VDG = 0 , RDG = 1						
063150			CLCCK REQUEST @ RADAREAD	T1=25137	SECONDS RUNNING	369567.674852 0515
CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT						
T = 369567.72 , RACT = 4 , VDG = 0 , RDG = 1						
063150			CLCCK REQUEST @ RADAREAD	T1=25151	SECONDS RUNNING	369567.774855 6149
CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT						
T = 369567.82 , RACT = 4 , VDG = 0 , RDG = 1						
063150			CLCCK REQUEST @ RADAREAD	T1=25163	SECONDS RUNNING	369567.874853 7592
073121			CLCCK REQUEST @ QUADGUID	T1=25177	SECONDS RUNNING	369567.993133 7675
DISPLAYS =	63	16	68	+00238 -02X52 -00013	RELEASE DISPLAY	369568.00018
072216			CLCCK REQUEST @ THROTTLE	T1=25233	SECONDS RUNNING	369568.276380 1845
006071			CLCCK REQUEST @ FINDCDDW	T1=25234	SECONDS RUNNING	369568.287526 2796
073473			CLCCK REQUEST @ P63C1SPS	T1=25272	SECONDS RUNNING	369568.588226 8456
073476			CLCCK REQUEST @ ENPLJOB	T1=25273	SECONDS RUNNING	369568.591426 873

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LRS, FT, NMI, ETC, ETC

LMY99 AGC 001 NAS4 2121112-061 NEW SIMULATION MAKSROT 20414415 ZEYLES IRRADAR2.FNVCNTEL 77:17:00 44:00 PAGE 276  
/DUPLICATE LANDING LAST SMAP 36955

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	RPATE	ATT-X	DRPX	DCX	THRUST	RCS	APOLLU
LANDING	(STABLE MEMBER METRIC UNITS)	COORDS	FCRVEL	ALTRATE	LONG	PITCH	BALL-P	CDUY	CRATE	ATT-Y	DPPY	DCY	DFILTAV	DPS	PERILU
					ALT	RCLL	BALL-Y	CDUZ	RPATE	ATT-Z	DRPZ	DCZ	MASS	APS	
369568.7	1742814	- 29.0	1.00	- 33.3	0.85	- 0.35	0.46	- 0.37	0.11	- 0.76	321	0	9971	528.0	4.17
102:39:29	4397	- 6.6	1.05	1502.8	25.07	158.34	69.66	69.66	0.08	- 0.21	1	0	4131	6.41	-91.75
LANDING	- 399.6	45.02	- 4.15	- 129.4	23.74	- 0.54	0.37	0.46	0.11	0.0	- 831	0	21725	518.0	

107441 CLCCK REQUEST @ READACCS T1=25314 SECONDS RUNNING 369568.761314 2225

063073 CLCCK REQUEST @ LRALT T1=25326 SECONDS RUNNING 369568.867207 2297

076206 CLCCK REQUEST @ SERVICER T1=25327 SECONDS RUNNING 369568.877660 2155

063150 CLCCK REQUEST @ RADAREAD T1=25340 SECONDS RUNNING 369568.969674 106

006071 CLCCK REQUEST @ MUNGRAV T1=25343 SECONDS RUNNING 369568.999652 3565

DISPLAYS = 63 16 68 +0233 -12X52 -0013 REFLEASE DISPLAY 369568.00025

006071 CLCCK REQUEST @ MUNGRAV T1=25356 SECONDS RUNNING 369569.012314 2224

006071 CLCCK REQUEST @ MUNGRAV T1=25411 SECONDS RUNNING 369569.267455 9977

063107 CLCCK REQUEST @ LRVEL T1=25412 SECONDS RUNNING 369569.380204 6739

CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
T = 369569.42, RACT = 5, VDG = 0, RDG = 1

063150 CLCCK REQUEST @ RADAREAD T1=25423 SECONDS RUNNING 369569.474982 4118

CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
T = 369569.52, RACT = 5, VDG = 0, RDG = 1

101757 CLCCK REQUEST @ RDGIMS T1=25432 SECONDS RUNNING 369569.541212 9779

063150 CLCCK REQUEST @ RADAREAD T1=25435 SECONDS RUNNING 369569.575704 2721

CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
T = 369569.62, RACT = 5, VDG = 0, RDG = 1

063150 CLCCK REQUEST @ RADAREAD T1=25447 SECONDS RUNNING 369569.674967 1182

CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
T = 369569.72, RACT = 5, VDG = 0, RDG = 1

063150 CLCCK REQUEST @ RADAREAD T1=25461 SECONDS RUNNING 369569.775196 9736

CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
T = 369569.82, RACT = 5, VDG = 0, RDG = 1

063150 CLCCK REQUEST @ RADAREAD T1=25473 SECONDS RUNNING 369569.874359 8240

073121 CLCCK REQUEST @ QUADGLID T1=25506 SECONDS RUNNING 369569.988782 7970

DISPLAYS = 63 16 68 +0233 -02X51 -0014 REFLEASE DISPLAY 369569.00025

LMY99 AGC 001 NASA 2021112-061 NEW SIMULATION MARSROT 20414415 /EYLES LRRADAR26ENVCNTEL 17/23/69 14:43 RACE 277  
 /DUPLICATE LANDING LAST SNAP 369550

072216	CLCCK REQUEST @ THRCTLLE	T1=25543	SECONDS RUNNING	369570.270188	1984
006071	CLCCK REQUEST @ FINDCDUW	T1=25543	SECONDS RUNNING	369570.279991	2820
073473	CLCCK REQUEST @ R63DISPS	T1=25612	SECONDS RUNNING	369570.584563	8811
073476	CLCCK REQUEST @ PNDLLJCB	T1=25612	SECONDS RUNNING	369570.587772	9084

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME LANDING	R (STA/ELE METRIC)	V (MEMBER UNITS)	A (COORDS)	LATVEL FORVEL ALT RATE	LAT LONG ALT	YAW RITCH ROLL	BALL-R BALL-Y	CDUX CDUY CDUZ	PRATE QRATE RRATE	ATT-X ATT-Y ATT-Z	DRPX DRPY DRPZ	DCX DGY DCZ	THRUST DELTAV MASS	RCS ORS APS	APDLIJ PERILU	
369570.7 102:39:31 LANDING	1742756 4334	- 29 6.5	1.63 0.06	- 26.7 1476.7	25.04	- 0.18 158.08	0.63 0.36	- 0.14 6.35	0.11 0.21	- 0.43 0.00	325 12	0	9872 4150	528.6 5076	-0.2 2.30	4.12 0.30
	3906	446.0	- 4.15	- 128.0	23417	- 0.31	0.13	0.62	0.13	0.00	- 821	0	21670	5180		

107441	CLCCK REQUEST @ READACCS	T1=25624	SECONDS RUNNING	369570.761225	3885
063073	CLCCK REQUEST @ LRLAT	T1=25636	SECONDS RUNNING	369570.869680	314
076206	CLCCK REQUEST @ SERVICEP	T1=25637	SECONDS RUNNING	369570.873745	3497

ASTRONAUT KEYSTROKE "KEY RELEASE" FCK TIME 369570.940

063150	CLCCK REQUEST @ RADAREAD	T1=25650	SECONDS RUNNING	369570.969668	1673
DISRLAYS =	63 16 68	+00228 -02X50 -00114			369570.000000

006071	CLCCK REQUEST @ MUNGRAV	T1=25675	SECONDS RUNNING	369570.172405	8973
006071	CLCCK REQUEST @ MUNGRAV	T1=25711	SECONDS RUNNING	369570.291477	9134
006071	CLCCK REQUEST @ MUNGRAV	T1=25734	SECONDS RUNNING	369570.486316	5761
063107	CLCCK REQUEST @ LRVFL	T1=25745	SECONDS RUNNING	369570.575081	2334

CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
 T = 369571.62, RACT = 6, VCG = 0, RCG = 1

063150	CLCCK REQUEST @ RADAREAD	T1=25757	SECONDS RUNNING	369570.674854	1848
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CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
 T = 369571.72, RACT = 6, VCG = 0, RCG = 1

101757	CLCCK REQUEST @ RDGIMS	T1=25756	SECONDS RUNNING	369570.741194	7500
063150	CLCCK REQUEST @ RADAREAD	T1=25771	SECONDS RUNNING	369570.774909	0386

CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
 T = 369571.82, RACT = 6, VCG = 0, RCG = 1

063150	CLCCK REQUEST @ RADAREAD	T1=26103	SECONDS RUNNING	369570.874909	0920
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063150 CLCCK REQUEST @ RADAREAD

T1=26115

SECONDS RUNNING

369571.874914

7449

LMY99 AGC 01 NASA 2021112-061 NEW SIMULATION

MARSFOT 20414415 /FYLES

LRPADAR2.ENVIRONMENT 7/27/70 14:43 PAGE 278  
/DUPLICATE (LANDING) LAST SNAP 369550CHANNEL RE ATTEMPT WITHOUT DG DISCRETE PRESENT  
T = 369571.92 , PACT = 6 , VDC = , RDG = 1

063150 CLCCK REQUEST @ RADAREAD

T1=26115

SECONDS RUNNING

369571.974861

7449

DISPLAYS = 63 16 63 +14934 -01288 +23673

369572.000016

073121 CLCCK REQUEST @ QUAGUID

T1=26121

SECONDS RUNNING

369572.016251

0981

CHANNEL RE ATTEMPT WITHOUT DG DISCRETE PRESENT  
T = 369572.02 , RACT = 6 , VDC = 0 , PDG = 1

063150 CLCCK REQUEST @ RADAREAD

T1=26127

SECONDS RUNNING

369572.074885

5084

072216 CLCCK REQUEST @ THRUTTLE

T1=26155

SECONDS RUNNING

369572.03964

5532

006071 CLCCK REQUEST @ FIAKCCDUW

T1=26057

SECONDS RUNNING

369572.013766

6369

073473 CLCCK REQUEST @ P63DISPS

T1=26115

SECONDS RUNNING

369572.016208

2177

073476 CLCCK REQUEST @ ENDLJCB

T1=26115

SECONDS RUNNING

369572.019224

2425

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, ET, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-P	CDUX	PRATE	ATT-X	DPX	DPX	THEIST	RCS	APOLU
LANDING	(STABLE MEMBER COORDS)			FORVEL	LONG	PITCH	BALL-P	CDUY	ORATE	ATT-Y	DPY	DGY	DELTA V	REFS	PERILU
	METRIC UNITS			ALTRATE	ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPZ	DGZ	MASS	APS	
369572.7	1742698	- 28.9	1.66	- 24.3	0.85	- 0.12	0.69	0.08	0.11	- 0.21	332	0	9872	528.9	4.07
102:39:33	4372	- 6.4	0.17	1449.1	25.01	157.78	69.03	69.03	- 0.26	- 0.21	15	0	4197	5911	- 0.13066
LANDING	- 38121	437.8	- 4.16	- 126.4	23162	- 0.08	359.9	0.69	- 0.24	0.10	- 832	0	216.5	5165	

107441 CLCCK REQUEST @ READACCS

T1=26134

SECONDS RUNNING

369572.061329

4561

063073 CLCCK REQUEST @ LRLAT

T1=26140

SECONDS RUNNING

369572.004491

8244

076206 CLCCK REQUEST @ SERVICE<sup>R</sup>

T1=26140

SECONDS RUNNING

369572.009298

8654

063150 CLCCK REQUEST @ RADAREAD

T1=26152

SECONDS RUNNING

369572.004881

6811

006071 CLCCK REQUEST @ MUNGRAV

T1=26154

SECONDS RUNNING

369572.022675

8320

DISPLAYS = 63 16 63 +14664 -01274 +23414

369572.000006

006071 CLCCK REQUEST @ MUNGRAV

T1=26173

SECONDS RUNNING

369573.02864

3145

006071 CLCCK REQUEST @ MUNGRAV

T1=26216

SECONDS RUNNING

369573.028881

7804

063107 CLCCK REQUEST @ LRVEL

T1=26223

SECONDS RUNNING

369573.014775

1729

CHANNEL RE ATTEMPT WITHOUT DG DISCRETE PRESENT  
T = 369573.35 , RACT = 4 , VDC = , DC = 1

063150

CLCCK REQUEST @ RADAREAD

T1=26234

SECONDS RUNNING

369573.414868

9475

LRRADAR2.EMVCONTFL 07/23/69 14:43 PAGE 279  
 /DUPLICATE LANDING LAST SNAP 369550

CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
 T = 369573.45 , RACT = 4 , VDG = 0 , RDG = 1

101757 CLCCK REQUEST @ RDG1MS T1=26244 SECONDS RUNNING 369573.483368 6175  
 063150 CLCCK REQUEST @ RADAREAD T1=26247 SECONDS RUNNING 369573.511813 8672

CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
 T = 369573.55 , RACT = 4 , VDG = 0 , RDG = 1

063150 CLCCK REQUEST @ RADAREAD T1=26260 SECONDS RUNNING 369573.614868 6543

CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
 T = 369573.65 , RACT = 4 , VDG = 0 , RDG = 1

063150 CLCCK REQUEST @ RADAREAD T1=26272 SECONDS RUNNING 369573.714949 5193

CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
 T = 369573.75 , RACT = 4 , VDG = 0 , RDG = 1

073121 CLCCK REQUEST @ QUADGUID T1=26313 SECONDS RUNNING 369573.795182 2793

063150 CLCCK REQUEST @ RADAREAD T1=26314 SECONDS RUNNING 369573.804855 3660

072216 CLCCK REQUEST @ THRATTLE T1=26341 SECONDS RUNNING 369574.094766 7494

060071 CLCCK REQUEST @ FINDCDUM T1=26341 SECONDS RUNNING 369574.104575 9321

073473 CLCCK REQUEST @ P63DISPS T1=26377 SECONDS RUNNING 369574.296711 4113

073476 CLCCK REQUEST @ FNDLLJCB T1=26377 SECONDS RUNNING 369574.399717 4371

063073 CLCCK REQUEST @ LRLAT T1=26437 SECONDS RUNNING 369574.718521 1533

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-F	CDUx	PRA TE	ATT-X	DPY	DGX	THELST	DCS	ΔPOLU
LANDING	(STABLE MEMBER METRIC UNITS)	COORDS	FCRVEL	LCNG	PITCH	BALL-P	BALL-Y	CDUz	QRATF	ATT-Y	DPZ	DCZ	DEL TAV	DPS	PERILU
			ALTRATE	ALT	ROLL				RRATF	ATT-Z	DPZ	DCZ	MASS	APS	
369574.7	174264	- 29.8	1.68	- 14.2	1.85	- 0.18	0.63	0.31	0.11	0.00	335		0.73	52.9	4.012
102:39:35	436	- 6.2	1.06	1422.2	24.98	157.63	68.85	68.86	- 0.13	- 0.10	14		4.16	5846	-9.4.97
LANDING	37254	429.5	- 4.16	- 124.7	22911	0.14	259.67	1.62	- 0.12	0.00	- 833		2154	5189	

107441 CLCCK REQUEST @ READACCS T1=26444 SECONDS RUNNING 369574.761261 5222

076206 CLCCK REQUEST @ SERVICER T1=26445 SECONDS RUNNING 369574.778348 6723

063150 CLCCK REQUEST @ RADAREAD T1=26451 SECONDS RUNNING 369574.814374 9797

060071 CLCCK REQUEST @ MUNGRAV T1=26461 SECONDS RUNNING 369574.888567 4125

060071 CLCCK REQUEST @ MUNGRAV T1=26473 SECONDS RUNNING 369574.994481 5123

DISPLAYS = 63 16 63 +14394 -1258 +22161

369575.00017

LMY99	AGC	101	NASA 2J21112-J61 NEW SIMULATION	WRSROT 24414415 /EYLES	LRKADAR% ENVCNTE L 7/22/60 14:43	116F 280
					/DUPLICATE LANDING	LAST SNAP 369550
006071	CLCCK	REQUEST @	MUNGRAV	T1=26516	SECONDS RUNNING	369575.184963 1378
063107	CLCCK	REQUEST @	LRVEL	T1=26527	SECONDS RUNNING	369575.274499 0017
CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT T = 369575.32 , RACT = 5 , VDG = 0 , RDG = 1						
063150	CLCCK	REQUEST @	RADAREAD	T1=26541	SECONDS RUNNING	369575.374967 7591
CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT T = 369575.42 , RACT = 5 , VDG = 0 , RDG = 1						
101757	CLCCK	REQUEST @	RDGIMS	T1=26550	SECONDS RUNNING	369575.441949 3317
063150	CLCCK	REQUEST @	RADAREAD	T1=26553	SECONDS RUNNING	369575.476158 6226
CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT T = 369575.52 , RACT = 5 , VDG = 0 , RDG = 1						
063150	CLCCK	REQUEST @	RADAREAD	T1=26565	SECONDS RUNNING	369575.574857 4649
CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT T = 369575.62 , RACT = 5 , VDG = 0 , RDG = 1						
063150	CLCCK	REQUEST @	RADAREAD	T1=26577	SECONDS RUNNING	369575.674861 3182
073121	CLCCK	REQUEST @	QUADGUID	T1=26601	SECONDS RUNNING	369575.698552 5214
CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT T = 369575.72 , RACT = 5 , VDG = 0 , RDG = 1						
063150	CLCCK	REQUEST @	RADAREAD	T1=26611	SECONDS RUNNING	369575.774864 1714
072216	CLCCK	REQUEST @	THROTTLE	T1=26637	SECONDS RUNNING	369575.996318 0613
066071	CLCCK	REQUEST @	FINDCDOU	T1=26641	SECONDS RUNNING	369576.014097 2121
073473	CLCCK	REQUEST @	PE3DISPS	T1=26677	SECONDS RUNNING	369576.317358 8009
073476	CLCCK	REQUEST @	ENCLLJCB	T1=26700	SECONDS RUNNING	369576.321340 8340
063073	CLCCK	REQUEST @	LRALT	T1=26747	SECONDS RUNNING	369576.718628 2250

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	DCX	THRUST	RCS	APOLU
LANDING	(STABLE MEMBER METRIC UNITS)	COORDS)	FORVEL	LONG	PITCH	BALL-P	CDUY	QRATE	ATT-Y	DPPY	DCY	DELTA V	DPS	PERILU	
			ALTRATE	ALT	RCLL	BALL-Y	CDUZ	PRATE	ATT-Z	DPEZ	DCZ	MASS	APS		
369576.7	1742583	- 28.6	1.71	- 8.4	.85	- .25	.56	0.54	0.11	0.13	342	0	9874	528.0	3.97
102:39:37	4349	- 6.1	0.16	1395.2	24.95	157.24	6.44	69.44	- 0.23	- 0.19	15	0	424	57.1	-0.627
LANDING	- 36402	421.2	- 4.17	- 123.0	22663	0.36	35.44	0.56	- 0.11	0.03	- 823	0	21475	51.0	

107441	CLCCK	REQUEST @	READACCS	T1=26754	SECONDS RUNNING	369576.761216 5885
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076206	CLCCK REQUEST @ SERVICER	T1=26755	SECONDS RUNNING	369576.775486	7172
063150	CLCCK REQUEST @ RADAREAD	T1=26761	SECONDS RUNNING	369576.814861	0462
006071	CLCCK REQUEST @ MUNGRAV	T1=26773	SECONDS RUNNING	369576.917106	9179

DISPLAYS = 63 76 63 +14124 -01241 +22912 369577.00005

006071	CLCCK REQUEST @ MUNGRAV	T1=27013	SECONDS RUNNING	369577.077592	2882
006071	CLCCK REQUEST @ MUNGRAV	T1=27037	SECONDS RUNNING	369577.273213	9574
063107	CLCCK REQUEST @ LRVEL	T1=27043	SECONDS RUNNING	369577.316854	3299

CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
 T = 369577.36 , RACT = 6 , VDC = 0 , RDC = 1

063150	CLCCK REQUEST @ RADAREAD	T1=27055	SECONDS RUNNING	369577.414863	1653
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CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
 T = 369577.46 , RACT = 6 , VDC = 0 , RDC = 1

101757	CLCCK REQUEST @ RDGIMS	T1=27064	SECONDS RUNNING	369577.481188	7322
063150	CLCCK REQUEST @ RADAREAD	T1=27067	SECONDS RUNNING	369577.517572	1477

CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
 T = 369577.56 , RACT = 6 , VDC = 0 , RDC = 1

063150	CLCCK REQUEST @ RADAREAD	T1=27091	SECONDS RUNNING	369577.614877	8731
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CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
 T = 369577.66 , RACT = 6 , VDC = 0 , RDC = 1

063150	CLCCK REQUEST @ RADAREAD	T1=27113	SECONDS RUNNING	369577.718384	7563
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CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
 T = 369577.76 , RACT = 6 , VDC = 0 , RDC = 1

072121	CLCCK REQUEST @ QUADGUID	T1=27122	SECONDS RUNNING	369577.786108	3342
063150	CLCCK REQUEST @ RADAREAD	T1=27125	SECONDS RUNNING	369577.814881	5797
072216	CLCCK REQUEST @ THRCTLLE	T1=27157	SECONDS RUNNING	369578.075691	8053
006071	CLCCK REQUEST @ FINDCCUW	T1=27160	SECONDS RUNNING	369578.086427	8969
073473	CLCCK REQUEST @ P63DISPS	T1=27216	SECONDS RUNNING	369578.385683	4576
073476	CLCCK REQUEST @ ENDLLJCB	T1=27216	SECONDS RUNNING	369578.388699	4763
063073	CLCCK REQUEST @ LRALT	T1=27260	SECONDS RUNNING	369578.720998	3119

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LRS, FT, NMI, SEC, DEG

TIME R V A LATVEL LAT YAW BALL C0UX PLATE ATT-X DPPX FCX THRUST CS APOU



LMY99 AGC 001 NASA 2421112-001 NFW SIMULATION MARSKOT 24414415 /EYLF5 LPPADAN20 FNVNCTHE 17/27/75 14:44 PAGE 282  
 /DUPLICATE LANDING LAST SNAP 49550

LANCING	(STABLE MEMBER METRIC UNITS)	COORDS	FCRVEL ALTRATE	LRNG ALT	PITCH RCLL	BALL-P BALL-Y	CDUY CDUZ	QRATE PRATE	ATT-Y ATT-Z	DPY DPPZ	DCY DCZ	DELTA V MASS	DPS APS	PERILU
369578.7	1742526	- 28.4	1.74 - 2.8	0.84 - 0.4	0.41	0.76	0.11	0.32	347	1	9974	528.0	3.92	
102:39:39	4323	- 6.0	0.75 1368.1	24.93	156.99	68.15	0.08	0.21	11	- 1	4272	571.6	-917.45	
LANDING	35572	413.0	- 4.17 - 121.0	22419	0.58	355.22	0.41	0.02	0.1	- 825	2	2141	5189	

107441	CLCCK REQUEST @ READACCS					T1=27264		SECONDS	RUNNING			369578.761258	6555
076206	CLCCK REQUEST @ SERVICER					T1=27265		SECONDS	RUNNING			369578.775430	7764
063150	CLCCK REQUEST @ RADAREAD					T1=27271		SECONDS	RUNNING			369578.814930	1135
006071	CLCCK REQUEST @ MUNGRAV					T1=27300		SECONDS	RUNNING			369578.882000	6958
006071	CLCCK REQUEST @ MUNGRAV					T1=27313		SECONDS	RUNNING			369578.991159	6165

DISPLAYS = 63 06 63 +13853 -1223 +22667 369578.990012

006171	CLCCK REQUEST @ MUNGRAV					T1=27335		SECONDS	RUNNING			369579.177318	2058
063107	CLCCK REQUEST @ LRVEL					T1=27347		SECONDS	RUNNING			369579.271717	1329

CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
 T = 369579.31, RACT = 4, VCG = 0, RDG = 1

063150	CLCCK REQUEST @ RADAREAD					T1=27360		SECONDS	RUNNING			369579.364974	9063
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CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
 T = 369579.41, RACT = 4, VCG = 0, RDG = 1

101757	CLCCK REQUEST @ RCGIMS					T1=27267		SECONDS	RUNNING			369579.432412	2827
063150	CLCCK REQUEST @ RADAREAD					T1=27373		SECONDS	RUNNING			369579.470551	7194

CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
 T = 369579.51, RACT = 4, VCG = 0, RDG = 1

063150	CLCCK REQUEST @ RADAREAD					T1=27404		SECONDS	RUNNING			369579.564891	5132
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CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
 T = 369579.61, RACT = 4, VCG = 0, RDG = 1

063150	CLCCK REQUEST @ RADAREAD					T1=27416		SECONDS	RUNNING			369579.664886	3662
072121	CLCCK REQUEST @ QUADGUID					T1=27421		SECONDS	RUNNING			369579.695768	6331

CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
 T = 369579.71, RACT = 4, VCG = 0, RDG = 1

063150	CLCCK REQUEST @ RADAREAD					T1=27430		SECONDS	RUNNING			369579.764856	2095
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072216	CLCCK REQUEST @ THROTTLE					T1=27457		SECONDS	RUNNING			369579.803257	1685
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TIME	AGC	REQ	DESCRIPTION	MARSROT	COORDS	VELOCITY	STATUS	TIME	SECONDS	RUNNING	START	END	PAGE
073473	AGC	001	NASA 2021112-061 NEW SIMULATION	MARSROT	20414415 /EYLES		CLCCK REQUEST @ P03DISPS	T1=27517	SECONDS	RUNNING	369581.312169		8891
073476	AGC	001	NASA 2021112-061 NEW SIMULATION	MARSROT	20414415 /EYLES		CLCCK REQUEST @ ENDLLJCB	T1=27517	SECONDS	RUNNING	369581.215186		9148
063073	AGC	001	NASA 2021112-061 NEW SIMULATION	MARSROT	20414415 /EYLES		CLCCK REQUEST @ LRLAT	T1=27567	SECONDS	RUNNING	369581.718622		3583

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATF	ATT-X	DPPX	PGY	THRUST	RCS	APOLII
LANDING	(STABLE MEMBER METRIC	COORDS)	FORVEL	LONG	PITCH	BALL-P	CDUY	QRATE	ATT-Y	DPPY	PGY	DELTA	DPS	PEFILU	
LANDING	UNITS	ALTRATE	ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	PGZ	MASS	APS			
369580.7	1742469	- 28.1	1.75	2.4	7.84	- 0.35	0.46	0.99	0.11	0.54	352	0	9875	528.9	3.88
102:39:41	4311	- 5.8	3.05	1341.1	24.90	156.85	67.98	67.95	0.08	0.10	1.0	0	4301	8451	9.8065
LANDING	- 34754	4.467	- 4.17	- 118.9	22179	0.80	356.99	0.46	0.06	0.11	- 836	0	21245	51.8	
107441	AGC	001	NASA 2021112-061 NEW SIMULATION	MARSROT	20414415 /EYLES		CLCCK REQUEST @ READACCS	T1=27574	SECONDS	RUNNING	369581.761221		7218		
076206	AGC	001	NASA 2021112-061 NEW SIMULATION	MARSROT	20414415 /EYLES		CLCCK REQUEST @ SERVICER	T1=27575	SECONDS	RUNNING	369581.777199		8572		
063150	AGC	001	NASA 2021112-061 NEW SIMULATION	MARSROT	20414415 /EYLES		CLCCK REQUEST @ RADAREAC	T1=27601	SECONDS	RUNNING	369581.814909		1370		
006071	AGC	001	NASA 2021112-061 NEW SIMULATION	MARSROT	20414415 /EYLES		CLCCK REQUEST @ MUNGRAV	T1=27610	SECONDS	RUNNING	369581.887083		7959		
006071	AGC	001	NASA 2021112-061 NEW SIMULATION	MARSROT	20414415 /EYLES		CLCCK REQUEST @ MUNGRAV	T1=27623	SECONDS	RUNNING	369581.992611		6964		
DISPLAYS =	63	06	63	+13581	-1204	+22425							369581.000026		
006071	AGC	001	NASA 2021112-061 NEW SIMULATION	MARSROT	20414415 /EYLES		CLCCK REQUEST @ MUNGRAV	T1=27646	SECONDS	RUNNING	369581.182799		3193		
063107	AGC	001	NASA 2021112-061 NEW SIMULATION	MARSROT	20414415 /EYLES		CLCCK REQUEST @ LRVFL	T1=27657	SECONDS	RUNNING	369581.272676		963		

CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
T = 369581.031 , RACT = 5 , VDG = 0 , RCG = 1

063150	AGC	001	NASA 2021112-061 NEW SIMULATION	MARSROT	20414415 /EYLES		CLCCK REQUEST @ RADAREAC	T1=27671	SECONDS	RUNNING	369581.364891		8732
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CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
T = 369581.041 , RACT = 5 , VDG = 0 , RCG = 1

101757	AGC	001	NASA 2021112-061 NEW SIMULATION	MARSROT	20414415 /EYLES		CLCCK REQUEST @ RDGIMS	T1=27704	SECONDS	RUNNING	369581.441175		5241
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063150	AGC	001	NASA 2021112-061 NEW SIMULATION	MARSROT	20414415 /EYLES		CLCCK REQUEST @ RADAREAC	T1=27703	SECONDS	RUNNING	369581.470981		7785
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CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
T = 369581.051 , RACT = 5 , VDG = 0 , RCG = 1

063150	AGC	001	NASA 2021112-061 NEW SIMULATION	MARSROT	20414415 /EYLES		CLCCK REQUEST @ RADAREAC	T1=27714	SECONDS	RUNNING	369581.564808		5799
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CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
T = 369581.061 , RACT = 5 , VDG = 0 , RCG = 1

063150	AGC	001	NASA 2021112-061 NEW SIMULATION	MARSROT	20414415 /EYLES		CLCCK REQUEST @ RADAREAC	T1=27726	SECONDS	RUNNING	369581.600471		4311
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073121	AGC	001	NASA 2021112-061 NEW SIMULATION	MARSROT	20414415 /EYLES		CLCCK REQUEST @ QUADGUC	T1=27731	SECONDS	RUNNING	369581.692713		6715
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CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
 T = 369583.52 , RACT = 6 , VCG = 0 , RDG = 1

LMY99 AGC 001 NASA 2021112-761 NEW SIMULATION MARSFOT 20414415 /FYLES LPRADAR2.EMVNTPL (7/27/60 14:43 PAGE 285  
 /DUPLICATE LANDING LAST SNAP 369550

063150 CLCK REQUEST @ RADAREAD T1=30225 SECONDS RUNNING 369583.574852 7315

CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
 T = 369583.62 , RACT = 6 , VCG = 0 , RDG = 1

063150 CLCK REQUEST @ RADAREAD T1=30227 SECONDS RUNNING 369583.674891 5852

073121 CLCK REQUEST @ QUAEQUIE T1=30240 SECONDS RUNNING 369583.693160 7411

CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
 T = 369583.72 , RACT = 6 , VCG = 0 , RDG = 1

063150 CLCK REQUEST @ RADAREAD T1=30251 SECONDS RUNNING 369583.774937 4389

072216 CLCK REQUEST @ THROTTLE T1=30277 SECONDS RUNNING 369583.997224 3357

066071 CLCK REQUEST @ FINDCDUW T1=30301 SECONDS RUNNING 369584.015073 4880

073473 CLCK REQUEST @ P03DISPS T1=30337 SECONDS RUNNING 369584.311146 145

073476 CLCK REQUEST @ ENCLLJCB T1=30337 SECONDS RUNNING 369584.314163 413

063073 CLCK REQUEST @ LRLALT T1=30407 SECONDS RUNNING 369584.0710019 5027

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, MMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	PALL-P	CDUY	PPATE	ATT-X	DPX	DGX	THRUST	CLS	SPOLU
LANDING	(STABLE MEMBER METRIC UNITS)	COORDS)	FORVEL	LONG	PITCH	BALL-P	CDUY	CPATE	ATT-Y	DPY	DGY	DELTA V	DPS	PEPILU	
			ALT RATE	ALT	RELL	BALL-Y	CUZ	PRATE	ATT-Z	DPPZ	DGZ	MASS	APS		
369584.7	1742358	- 27.5	1.31	11.9	0.84	- 0.11	0.71	1.42	0.36	0.98	351	71.5	528.8	3.78	
102:39:45	4290	- 5.7	0.15	1287.6	24.85	156.17	67.25	67.26	- 0.05	- 0.21	13	4357	3524	-910.93	
LANDING	- 33167	388.4	- 3.10	- 114.7	21712	1.22	358.56	0.71	0.11	0.60	- 805	21219	5189		

107441 CLCK REQUEST @ RFADACCS T1=30414 SECONDS RUNNING 369584.761163 9547

076206 CLCK REQUEST @ SERVICER T1=30415 SECONDS RUNNING 369584.773313 9584

063150 CLCK REQUEST @ RADAREAD T1=30421 SECONDS RUNNING 369584.814387 3131

066071 CLCK REQUEST @ MUNGRAV T1=30427 SECONDS RUNNING 369584.874672 8223

066071 CLCK REQUEST @ MUNGRAV T1=30441 SECONDS RUNNING 369584.978137 7152

DISPLAYS = 63 76 03 +13.37 -01161 +21953 369585.000013

066071 CLCK REQUEST @ MUNGRAV T1=30463 SECONDS RUNNING 369585.156340 2269

063107 CLCK REQUEST @ LPVFL T1=30470 SECONDS RUNNING 369585.214493 6379

CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
 T = 369585.25 , RACT = 4 , VCG = 0 , RDG = 1

063150 CLCK REQUEST @ RADAREAD T1=30512 SECONDS RUNNING 369585.349111 445

CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
 T = 3695E5.35 , RACT = 4 , VDG = 0 , RDG = 1

001757 CLCCK REQUEST @ RDGINS T1=30511 SECONDS RUNNING 3695E5.371171 16.1

063150 CLCCK REQUEST @ RADAREAD T1=30514 SECONDS RUNNING 3695E5.404384 3478

CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
 T = 3695E5.45 , RACT = 4 , VDG = 0 , RDG = 1

063150 CLCCK REQUEST @ RADAREAD T1=30526 SECONDS RUNNING 3695E5.517895 2268

CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
 T = 3695E5.55 , RACT = 4 , VDG = 0 , RDG = 1

063150 CLCCK REQUEST @ RADAREAD T1=30540 SECONDS RUNNING 3695E5.614875 1544

CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
 T = 3695E5.65 , RACT = 4 , VDG = 0 , RDG = 1

073121 CLCCK REQUEST @ QUADGUIDE T1=30546 SECONDS RUNNING 3695E5.662143 5430

063150 CLCCK REQUEST @ RADAREAD T1=30552 SECONDS RUNNING 3695E5.714864 6076

072216 CLCCK REQUEST @ THROTTLE T1=30603 SECONDS RUNNING 3695E5.921329 7548

006071 CLCCK REQUEST @ FINDCDLW T1=30605 SECONDS RUNNING 3695E5.971384 1810

073473 CLCCK REQUEST @ P63DISPS T1=30642 SECONDS RUNNING 3695E6.026912 7037

073476 CLCCK REQUEST @ ENDLJCR T1=30643 SECONDS RUNNING 3695E6.070939 7381

063073 CLCCK REQUEST @ LRLALT T1=30717 SECONDS RUNNING 3695E6.719233 5550

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPY	DCX	THRUST	RCS	APPLU
LANDING	(STABLE	MEMBER	COORDS)	FCRVEL	LCNG	PITCH	BALL-P	CDUY	ORATE	ATT-Y	DPPZ	DGY	DELTA	PS	PFILU
	METRIC	UNITS		ALTRATE	ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	DGZ	MASS	APS	
3695E6.7	1742302	- 28.5	1.74	14.7	0.84	- 0.15	0.75	1.57	0.76	1.09	228	0	5623	528.8	3.75
102:39:47	4279	- 5.6	0.14	127.0	24.82	156.13	67.08	67.09	- 0.09	- 0.10	10	0	4375	5484	-011.63
LANDING	- 32395	383.3	- 2.38	- 117.1	21481	1.35	356.43	0.75	- 0.10	0.00	- 518	0	21178	5189	

107441 CLCCK REQUEST @ REACACCS T1=30724 SECONDS RUNNING 3695E6.761171 9214

076206 CLCCK REQUEST @ SERVICER T1=30725 SECONDS RUNNING 3695E6.774380 8341

063150 CLCCK REQUEST @ RADAREAD T1=30731 SECONDS RUNNING 3695E6.814864 1756

066071 CLCCK REQUEST @ MUNCRAV T1=30747 SECONDS RUNNING 3695E6.871374 6100

TIME	DESCRIPTION	TIME	SECONDS RUNNING	369587.00002	7677
006071	CLOCK REQUEST @ MUNGRAV	T1=31751	SECONDS RUNNING	369587.00002	7677
DISPLAYS =	63 76 63 +12775 -r1142 +21723				
LMY99 AGC	001 NASA 2 21112-061 NEW SIMULATION MARSFOT 21414415 /EYLES		LPPADAR2.ENVCMTEL 7/23/68 14:43	PAGE 287	
			/DUPLICATE LANDING	LAST SNAP 369587	
006071	CLOCK REQUEST @ MUNGRAV	T1=31773	SECONDS RUNNING	369587.0159171	3177
063107	CLOCK REQUEST @ LRVEL	T1=31700	SECONDS RUNNING	369587.013022	6919
CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT T = 369587.24 , RACT = 5 , VDC = 0 , RCG = 1					
063150	CLOCK REQUEST @ RADAREAD	T1=3111	SECONDS RUNNING	369587.0254877	4757
CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT T = 369587.34 , RACT = 5 , VDC = 0 , RCG = 1					
101757	CLOCK REQUEST @ RDCIMS	T1=31721	SECONDS RUNNING	369587.0373164	1428
063150	CLOCK REQUEST @ RADARFAD	T1=31023	SECONDS RUNNING	369587.0394956	3207
CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT T = 369587.44 , RACT = 5 , VDC = 0 , RCG = 1					
063150	CLOCK REQUEST @ RADAREAD	T1=31735	SECONDS RUNNING	369587.04487	1823
CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT T = 369587.54 , RACT = 5 , VDC = 0 , RCG = 1					
063150	CLOCK REQUEST @ RADAREAD	T1=31047	SECONDS RUNNING	369587.0504952	1355
CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT T = 369587.64 , RACT = 5 , VDC = 0 , RCG = 1					
073121	CLOCK REQUEST @ QUAEGUID	T1=31056	SECONDS RUNNING	369587.064947	6346
063150	CLOCK REQUEST @ RADAREAD	T1=31061	SECONDS RUNNING	369587.0694851	8888
072216	CLOCK REQUEST @ THRATTLE	T1=31177	SECONDS RUNNING	369587.0818713	7991
006071	CLOCK REQUEST @ FINCCDUW	T1=31115	SECONDS RUNNING	369587.076676	2425
073473	CLOCK REQUEST @ P63DISPS	T1=31152	SECONDS RUNNING	369587.0826310	7372
073476	CLOCK REQUEST @ ENDLJCB	T1=31152	SECONDS RUNNING	369587.085899	7618
063073	CLOCK REQUEST @ LRLAT	T1=31227	SECONDS RUNNING	369587.08231	6217

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	DGX	THRUST	XCS	APOLU
LANDING	(STABLE MEMBER METRIC UNITS)	COORDS)	FORVEL	LONG	PITCH	BALL-P	CDUY	GRATE	ATT-Y	DPPY	DGY	DELTA V	DPS	APSL	PERILU
			ALTRATE	ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	DCZ	MASS			
369587.0	1742243	- 29.6	1.74	17.6	1.84	- 7.70	0.0	1.73	7.06	1.21	211	1	4558	528.6	3.72
102:39:49	4269	- 5.5	1.74	1255.4	24.80	155.82	66.88	66.87	- 0.13	- 0.11	9	1	4201	544.7	-012.25
LANDING	- 31632	378.6	- 2.35	- 120.0	21244	1.49	356.29	0.81	- 0.11	0.00	- 473	1	21141	5180	

107441	CLOCK REQUEST @ PFADACCS	T1=31234	SECONDS RUNNING	369587.071178	9311
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LMS99 AGC 01 NASA 2121112-161 NEW SIMULATION MARSROT 20414415 /FILES LPPADAP2.ENVCONT 1 7/17/77 14:43 PAGE 288  
 /DUPLICATE LANDING LAST SNAP 369550 369550

076206	CLCCK REQUEST @ SERVICER	T1=31235	SECONDS RUNNING	369589.772683	963
063150	CLCCK REQUEST @ RADAREAD	T1=31241	SECONDS RUNNING	369589.814870	4454
006071	CLCCK REQUEST @ MUNGRAV	T1=31247	SECONDS RUNNING	369589.877184	9772
006071	CLCCK REQUEST @ MUNGRAV	T1=31261	SECONDS RUNNING	369589.977606	8351
DISPLAYS =	63 06 63	+1261J -01164 +2149Z			369589.10011
006071	CLCCK REQUEST @ MUNGRAV	T1=31313	SECONDS RUNNING	369589.158517	2788
063107	CLCCK REQUEST @ LRVEL	T1=31317	SECONDS RUNNING	369589.211448	7451
CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT					
T = 369589.24 , RACT = 6 , VDG = 0 , RDG = 1					
063150	CLCCK REQUEST @ RADAREAD	T1=31321	SECONDS RUNNING	369589.294853	5422
CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT					
T = 369589.34 , RACT = 6 , VDG = 0 , RDG = 1					
101757	CLCCK REQUEST @ PDGIMS	T1=31330	SECONDS RUNNING	369589.361188	1.82
063150	CLCCK REQUEST @ RADAREAD	T1=31333	SECONDS RUNNING	369589.394969	3965
CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT					
T = 369589.44 , RACT = 6 , VDG = 0 , RDG = 1					
063150	CLCCK REQUEST @ RADAREAD	T1=31345	SECONDS RUNNING	369589.454972	2493
CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT					
T = 369589.54 , RACT = 6 , VDG = 0 , RDG = 1					
063150	CLCCK REQUEST @ RADAREAD	T1=31357	SECONDS RUNNING	369589.565111	1024
CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT					
T = 369589.64 , RACT = 6 , VDG = 0 , RDG = 1					
073121	CLCCK REQUEST @ QUADGUID	T1=31366	SECONDS RUNNING	369589.664264	6945
063150	CLCCK REQUEST @ RADAREAD	T1=31371	SECONDS RUNNING	369589.694953	9555
072216	CLCCK REQUEST @ THRCTILE	T1=31417	SECONDS RUNNING	369589.918189	8613
006071	CLCCK REQUEST @ FINDCROW	T1=31423	SECONDS RUNNING	369589.959355	2126
073473	CLCCK REQUEST @ P63C1SPS	T1=31461	SECONDS RUNNING	369589.1257952	7620
073476	CLCCK REQUEST @ ENPLJCB	T1=31462	SECONDS RUNNING	369589.1268194	8491
063073	CLCCK REQUEST @ LRALT	T1=31537	SECONDS RUNNING	369589.1071144	6996

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, SEC, UFG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPX	DCX	THRUST	PCS	APDUJ	PAGE	289
LMY99	AGC	001	NASA	2021112-061	NEW SIMULATION		MARSROT	20414415	/EYLES	LRPADAR2	ENVCTRL	17/22/69	14:43	PAGE	289		
											/DUPLICATE LANDING			LAST SNAP			369590

LANCING	(STABLE MEMBER METRIC UNITS)	COORDS	FORVEL	LONG	PITCH	BALL-P	CDUY	ORATE	ATT-Y	DPY	DGY	DELTA V	DPS	PPILU
			ALTRATE	ALT	RCLL	BALL-Y	CCUZ	RRATE	ATT-Z	DPZ	DGZ	MASS	APS	
369590.7	1742183	- 30.7	1.09	20.3	6.84	- 1.09	7.71	1.83	0.06	1.42	214	57.7	52.08	3.70
102:36:51	4259	- 5.4	0.04	1240.0	24.77	155.46	66.46	66.47	0.19	1.00	9	44.7	54.0	-912.88
LANCING	- 30879	373.9	- 2.42	- 122.8	23.01	1.62	356.16	0.71	0.02	0.00	- 475	211.4	51.89	

107441	CLCK	REQUEST @	PEADACCS				T1=31544		SECONDS	RUNNING		369591.071212		0551
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076206	CLCK	REQUEST @	SERVICR				T1=31545		SECONDS	RUNNING		369591.0773297		1582
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063150	CLCK	REQUEST @	RADAREAD				T1=31551		SECONDS	RUNNING		369591.0814897		5132
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006071	CLCK	REQUEST @	MUNGRAV				T1=31557		SECONDS	RUNNING		369591.0874871		0250
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006071	CLCK	REQUEST @	MUNGRAV				T1=31571		SECONDS	RUNNING		369591.0976272		0173
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DISPLAYS =	63	16	63		+124.0	- 1194	+21257								369591.000023		
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006071	CLCK	REQUEST @	MUNGRAV				T1=31610		SECONDS	RUNNING		369591.01.497		1592
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063107	CLCK	REQUEST @	LRVEL				T1=31620		SECONDS	RUNNING		369591.02.3390		8283
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CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
T = 369591.024 , RACT = 4 , VCG = 0 , PDG = 1

063150	CLCK	REQUEST @	RADAREAD				T1=31631		SECONDS	RUNNING		369591.0294873		6090
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CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
T = 369591.034 , RACT = 4 , VCG = 0 , RCG = 1

101757	CLCK	REQUEST @	RDGIMS				T1=31641		SECONDS	RUNNING		369591.0371180		2602
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063150	CLCK	REQUEST @	RADAREAD				T1=31643		SECONDS	RUNNING		369591.0398670		4947
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CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
T = 369591.044 , RACT = 4 , VCG = 0 , RCG = 1

063150	CLCK	REQUEST @	RADAREAD				T1=31655		SECONDS	RUNNING		369591.0494854		3155
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CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
T = 369591.054 , RACT = 4 , VCG = 0 , PDG = 1

063150	CLCK	REQUEST @	RADAREAD				T1=31667		SECONDS	RUNNING		369591.0564880		1691
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CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
T = 369591.064 , RACT = 4 , VCG = 0 , RCG = 1

073121	CLCK	REQUEST @	QUACGUID				T1=31676		SECONDS	RUNNING		369591.0662714		7479
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063150	CLCK	REQUEST @	RADAREAD				T1=31701		SECONDS	RUNNING		369591.0694923		229
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072216	CLCK	REQUEST @	THRCTLLE				T1=31730		SECONDS	RUNNING		369591.0722414		0741
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006071	CLCK	REQUEST @	FINDCDUW				T1=31735		SECONDS	RUNNING		369591.071766		3852
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LMY99	AGC	001	NASA	2021112- 61	NEW SIMULATION		MARSROT	20414415	/EYLES	LRPADAR2	ENVCTRL	17/22/69	14:43	PAGE	290		
											/DUPLICATE LANDING			LAST SNAP			369590



TIME	AGC	MODE	DESCRIPTION	MAKESPOT	TIME	STATUS	COORDINATES	OTHER
006071			CLCK REQUEST @ FINDCDUW		T1=31735	SECONDS RUNNING	369592.47176	3852
LMY99	AGC	001	NASA 2 21112- 61 NEW SIMULATION	MAKESPOT 2: 414415 /FYLES		SECONDS RUNNING	369592.263976	8787
073473			CLCK REQUEST @ P63DISPS		T1=31772	SECONDS RUNNING	369592.263976	8787
073476			CLCK REQUEST @ ENDLJCB		T1=31772	SECONDS RUNNING	369592.266856	9133
063073			CLCK REQUEST @ LRALT		T1=32047	SECONDS RUNNING	369592.718234	7551

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPRX	DCX	THRUST	RCS	ARNDU
LANDING	(STABLE MEMBER COORDS)			FCRVEL	LCNG	PITCH	BALL-P	CCUY	QRATE	ATT-Y	DPRY	DGY	DLTAV	DPS	PERILU
	METRIC UNITS			ALTRATE	ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPRZ	DGZ	MASS	APS	
369592.7	1742120	- 31.8	1.12	23.0	0.84	- 0.09	0.71	1.96	0.06	1.53	224	0	5783	520.8	3.66
102:39:53	4249	- 5.4	1.04	1224.1	24.75	155.08	66.05	66.07	- 0.23	0.00	0	0	4424	5372	- 913.51
LANDING	- 30135	369.1	- 2.44	- 125.3	20753	1.75	358.02	0.71	0.05	0.11	- 4.87	0	21066	5189	
DISPLAYS =	63	06	63		+12309	-01222	+21015								369593.000022

107441			CLCK REQUEST @ READACCS		T1=32054	SECONDS RUNNING	369592.761176	1215
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076206			CLCK REQUEST @ SERVICER		T1=32055	SECONDS RUNNING	369592.774985	2293
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063150			CLCK REQUEST @ RACAREAC		T1=32061	SECONDS RUNNING	369592.814852	6705
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006071			CLCK REQUEST @ MUNGPAY		T1=32067	SECONDS RUNNING	369592.879382	1301
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006071			CLCK REQUEST @ MUNGRAV		T1=32101	SECONDS RUNNING	369592.978598	9768
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006071			CLCK REQUEST @ MUNGRAV		T1=32124	SECONDS RUNNING	369593.161370	5364
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063107			CLCK REQUEST @ LRVEL		T1=32130	SECONDS RUNNING	369593.204231	9022
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CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
T = 369593.24 , RACT = 5 , VDG = 0 , RDG = 1

063150			CLCK REQUEST @ RADAREAC		T1=32141	SECONDS RUNNING	369593.204908	6761
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CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
T = 369593.34 , RACT = 5 , VDG = 0 , RDG = 1

101757			CLCK REQUEST @ RDGIMS		T1=32151	SECONDS RUNNING	369593.374435	3546
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063150			CLCK REQUEST @ RADARFAD		T1=32153	SECONDS RUNNING	369593.394852	5288
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CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
T = 369593.44 , RACT = 5 , VDG = 0 , RDG = 1

063150			CLCK REQUEST @ RACAREAC		T1=32165	SECONDS RUNNING	369593.404966	3823
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CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
T = 369593.54 , RACT = 5 , VDG = 0 , RDG = 1

063150 CLCCK REQUEST @ RADAREAD T1=32177 SECONDS RUNNING 369593.6422 2361

CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT

LMY99 AGC 001 NASA 2021112-061 NEW SIMULATION MARSROT 21414415 /EYLF5 LRPADAR2,ENVCNTFL 7/23/69 14:43 PAGE 291 /DUPLICATE LANDING LAST SNAP 369550

T = 369593.64 , RACT = 5 , VDG = 0 , RDG = 1

072121	CLCCK REQUEST @ QUAFGUC	T1=32206	SECONDS RUNNING	369593.667184	8527
063150	CLCCK REQUEST @ RADAREAD	T1=32211	SECONDS RUNNING	369593.664855	8988
072216	CLCCK REQUEST @ THROTTLE	T1=32240	SECONDS RUNNING	369593.922418	1306
006071	CLCCK REQUEST @ EINCCDUW	T1=32245	SECONDS RUNNING	369593.972655	4594
073473	CLCCK REQUEST @ P63C1SPS	T1=32302	SECONDS RUNNING	369594.265187	9548
073476	CLCCK REQUEST @ ENDLJCB	T1=32302	SECONDS RUNNING	369594.267969	9794
063073	CLCCK REQUEST @ LRLAT	T1=32357	SECONDS RUNNING	369594.718232	9217

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LCNG	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	DGX	THRUST	RCG	APOLU
LANDING	(STABLE MEMBER METRIC)	(MEMBER UNITS)	(CORRUS)	(FORVEL ALTRATE)	ALT	PITCH ROLL	BALL-Y	CDUZ	RRATE	ATT-Y	DPPY	DGY	DELTAV	OPS	PEPILU
369594.7	1742056	- 32.7	1.15	25.7	0.84	- 0.7	0.72	2.11	0.06	1.64	23		576	528.8	3.63
102:39:55	4235	- 5.3	0.04	12.78.3	24.72	154.42	65.37	65.39	0.38	1.00	0		4441	5334	1914.13
LANDING	29401	364.3	- 2.43	- 127.6	20500	1.88	357.88	0.72	0.04	0.00	- 487		21128	5196	

107441	CLCCK REQUEST @ READACCS	T1=32364	SECONDS RUNNING	369594.761242	1887
076206	CLCCK REQUEST @ SERVICER	T1=32365	SECONDS RUNNING	369594.772842	2877
063150	CLCCK REQUEST @ RADAREAD	T1=32371	SECONDS RUNNING	369594.814866	6463
006071	CLCCK REQUEST @ MUNGRAV	T1=32377	SECONDS RUNNING	369594.876542	1726
006071	CLCCK REQUEST @ MUNGRAV	T1=32411	SECONDS RUNNING	369594.977441	0336

DISPLAYS = 63 06 63 +12154 -01247 +20767 369595.127022

006071	CLCCK REQUEST @ MUNGRAV	T1=32433	SECONDS RUNNING	369595.158977	5927
063107	CLCCK REQUEST @ LRVFL	T1=32440	SECONDS RUNNING	369595.201892	9489

CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT

T = 369595.24 , RACT = 6 , VDG = 0 , RDG = 1

063150	CLCCK REQUEST @ RADAREAD	T1=32451	SECONDS RUNNING	369595.254871	7423
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CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT

T = 369595.34 , RACT = 6 , VDG = 0 , RDG = 1

101757	CLCCK REQUEST @ RCGIMS	T1=32461	SECONDS RUNNING	369595.372368	4736
063150	CLCCK REQUEST @ RADAREAD	T1=32463	SECONDS RUNNING	369595.394877	5957

CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT

LMY99 AGC 001 NASA 2021112-061 NEW SIMULATION MARSROT 21414415 /EYLF5 LRPADAR2,ENVCNTFL 07/23/69 14:43 PAGE 292 /DUPLICATE LANDING LAST SNAP 369550

CHANNEL RC ATTEMPT WITHOUT DG DISCRETE PRESENT

LMY99 AGC 01 NASA 2 21112-001 NEW SIMULATION MARSROT 21-1443 /EYLF5 LRPADAR% ENVNCEL 17/ 1/01 1:14 PAGE 292  
/DUPLICATE LAMMING LAST SNAP 369550

T = 369595.44 , RACT = 6 , VDG = 0 , PDG = 1

063150 CLCCK REQUEST @ RADAREAD T1=32475 SECONDS RUNNING 369595.64385 4491

CHANNEL RC ATTEMPT WITHOUT DG DISCRETE PRESENT  
T = 369595.54 , RACT = 6 , VDG = 0 , PDG = 1

063150 CLCCK REQUEST @ RADAREAD T1=32577 SECONDS RUNNING 369595.56486 3923

CHANNEL RC ATTEMPT WITHOUT DG DISCRETE PRESENT  
T = 369595.64 , RACT = 6 , VDG = 0 , PDG = 1

073121 CLCCK REQUEST @ QUADGUID T1=32516 SECONDS RUNNING 369595.66555 9161

063150 CLCCK REQUEST @ RADAREAD T1=32521 SECONDS RUNNING 369595.664852 1555

072216 CLCCK REQUEST @ THRCTTLE T1=32547 SECONDS RUNNING 369595.919593 0741

066071 CLCCK REQUEST @ FINDCCUM T1=32555 SECONDS RUNNING 369595.971235 5954

073473 CLCCK REQUEST @ P63DISPS T1=32613 SECONDS RUNNING 369595.271115 723

073476 CLCCK REQUEST @ ENDLJCR T1=32613 SECONDS RUNNING 369595.273886 966

063073 CLCCK REQUEST @ LRALT T1=32667 SECONDS RUNNING 369595.719972 9926

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	DGX	THPUST	RC5	APOLJ
LANDING	(STABLE MEMBER	COORDS)		FORVEL	LENG	PITCH	BALL-P	CDUY	QRATE	ATT-Y	DPPY	DGY	DELTA V	DPS	PERILU
	METRIC	UNITS		ALTRATE	ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	DGZ	MASS	APS	
369595.7	1741989	- 33.6	1.18	27.8	0.84	- 0.13	0.66	2.23	0.02	1.53	235	0	57.8	528.8	3.6
102:39:57	4229	- 5.2	0.04	1192.4	24.70	153.89	64.81	64.83	- 0.19	- 0.10	8	0	4457	52.06	-914.74
LANDING	- 28677	359.4	- 2.42	- 129.7	20242	1.99	357.77	0.65	0.70	0.00	- 4.87	0	20989	51.80	

107441 CLCCK REQUEST @ READACCS T1=32674 SECONDS RUNNING 369595.761167 2547

076206 CLCCK REQUEST @ SERVICER T1=32675 SECONDS RUNNING 369595.773543 2613

063150 CLCCK REQUEST @ RADAREAD T1=32701 SECONDS RUNNING 369595.814998 7132

066071 CLCCK REQUEST @ MUNCFV T1=32707 SECONDS RUNNING 369595.874736 2238

066071 CLCCK REQUEST @ MUNGRAV T1=32721 SECONDS RUNNING 369595.977770 1131

DISPLAYS = 63 16 63 +11999 -01270 +21515 369597.00011

066071 CLCCK REQUEST @ MUNGRAV T1=32740 SECONDS RUNNING 369597.124307 2578

063150 CLCCK REQUEST @ LRVEL T1=32750 SECONDS RUNNING 369597.17022611 312

CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
 T = 369597.24 , RACT = 4 , VDG = 0 , RDG = 1

LMY99	AGC	001	NASA 2021112- 61 NEW SIMULATION	MARSKCT 20414415 /EYLES	LRFDAP20.FNVCNTRL 7/27/60 14:43	PAGE 293
					/DUPLICATE LANDING LAST SNAP	369550
063150			CLOCK REQUEST @ RADAPEAD	T1=32761	SECONDS RUNNING	369597.294370 8790
			CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT T = 369597.34 , PACT = 4 , VDG = 0 , RDG = 1			
101757			CLOCK REQUEST @ RDGIMS	T1=32771	SECONDS RUNNING	369597.371173 4601
063150			CLOCK REQUEST @ RADAREAD	T1=32773	SECONDS RUNNING	369597.398711 6951
			CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT T = 369597.44 , RACT = 4 , VDG = 0 , RDG = 1			
063150			CLOCK REQUEST @ RADAREAD	T1=33005	SECONDS RUNNING	369597.494877 6157
			CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT T = 369597.54 , RACT = 4 , VDG = 0 , RDG = 1			
063150			CLOCK REQUEST @ RADAREAD	T1=33017	SECONDS RUNNING	369597.564878 3690
			CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT T = 369597.64 , RACT = 4 , VDG = 0 , RDG = 1			
073121			CLOCK REQUEST @ QUADGUEIC	T1=33026	SECONDS RUNNING	369597.663238 9524
063150			CLOCK REQUEST @ RADAREAD	T1=33031	SECONDS RUNNING	369597.694961 2722
072216			CLOCK REQUEST @ THROTTLE	T1=33060	SECONDS RUNNING	369597.922465 1645
006071			CLOCK REQUEST @ FINDCDUW	T1=33065	SECONDS RUNNING	369597.971797 5854
073473			CLOCK REQUEST @ P63DJSPS	T1=33122	SECONDS RUNNING	369598.265790 878
073476			CLOCK REQUEST @ ENCLLJCB	T1=33122	SECONDS RUNNING	369598.269780 1222
063073			CLOCK REQUEST @ LRALT	T1=33177	SECONDS RUNNING	369598.718233 9550

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	P	V	A	LATVEL	LAT	YAW	BALL-R	COUX	PPATF	ATT-X	OPPX	OGX	THRUST	RCS	APOLU
LANDING	(STARLE	MEMBER	COCPDS)	FCRVEL	LCNG	PITCH	BALL-P	COUY	ORATF	ATT-Y	OPPY	OCY	DELTA V	DPS	PERILU
	METRIC	UNITS		ALTRATE	ALT	PCLL	BALL-Y	COUZ	PRATE	ATT-Z	OPPZ	OGZ	MASS	APS	
369598.7	1741921	-	34.4	1.19	28.5	0.84	-	4.07	1.72	2.27	0.02	1.64	24	5772	529.6 3.56
102:35:59	4220	-	5.1	0.04	1176.7	24.67	153.53	64.44	64.45	0.20	1.01	0	4474	5258	-915.34
LANDING	-	27962	354.7	-	2.41	-	131.8	14981	2.03	257.72	1.72	0.02	1.000	-	484 20951 5180
107441			CLOCK REQUEST @ REAPACCS	T1=33214	SECONDS RUNNING	369598.761175 3214									
076206			CLOCK REQUEST @ SERVICER	T1=33215	SECONDS RUNNING	369598.773999 4319									
063150			CLOCK REQUEST @ RADAREAD	T1=33211	SECONDS RUNNING	369598.814854 7795									
006071			CLOCK REQUEST @ MUNGRAV	T1=33217	SECONDS RUNNING	369598.877749 2164									
006071			CLOCK REQUEST @ MUNGRAV	T1=33231	SECONDS RUNNING	369598.877730 1695									

DISRLAYS = 63 06 63 +11845 -01292 +20257 369599.000045

06071 CLCK REQUEST @ MUNCRAV T1=33253 SECONDS RUNNING 269599.199534 7238

063107 CLCK REQUEST @ LRVEL T1=33260 SECONDS RUNNING 269599.213400 7952

CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
 T = 369599.24 , RACT = 5 , VDG = 0 , RDG = 1

063150 CLCK REQUEST @ RADAREAD T1=33271 SECONDS RUNNING 269599.294867 8756

CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
 T = 369599.34 , RACT = 5 , VDG = 0 , RDG = 1

101757 CLCK REQUEST @ RDGIMS T1=33301 SECONDS RUNNING 269599.373543 9470

063150 CLCK REQUEST @ RADAREAD T1=33303 SECONDS RUNNING 269599.394877 7290

CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
 T = 369599.44 , RACT = 5 , VDG = 0 , RDG = 1

063150 CLCK REQUEST @ RADAREAD T1=33315 SECONDS RUNNING 269599.494903 5876

CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
 T = 369599.54 , RACT = 5 , VDG = 0 , RDG = 1

063150 CLCK REQUEST @ RADAREAD T1=33327 SECONDS RUNNING 269599.564866 4356

CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
 T = 369599.64 , RACT = 5 , VDG = 0 , RDG = 1

073121 CLCK REQUEST @ QUADGLID T1=33336 SECONDS RUNNING 269599.660495 7463

063150 CLCK REQUEST @ RADAREAD T1=33341 SECONDS RUNNING 269599.694909 2893

072216 CLCK REQUEST @ THRATTLE T1=33370 SECONDS RUNNING 269599.921579 2236

006071 CLCK REQUEST @ EINDCDUN T1=33375 SECONDS RUNNING 269599.972141 6560

SNAPSHOT 369600 SECONDS RUNNING 369600.000042

073473	CLCCK REQUEST @ P63DISPS	T1=33432	SECONDS RUNNING	369600.264845	1528
073476	CLCCK REQUEST @ ENDLLJEB	T1=33432	SECONDS RUNNING	369600.267727	1774
063073	CLCCK REQUEST @ LRALT	T1=33507	SECONDS RUNNING	369600.718238	0217

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LPS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPX	DGX	THFUST	RCS	APDLU
LANDING	(STABLE MEMBER	COORDS)	LATVEL	FORVEL	LCNG	PITCH	BALL-P	CDUY	GRATE	ATT-Y	DPY	DCY	DELTAV	RPS	PER ILU
	METRIC UNITS		ALTRATE	ALT	ROLL	BALL-Y	CDUZ	KRATE	ATT-Z	DPZ	DGZ	MASS	APS		
369600.7	1741851	- 35.2	1.22	20.1	0.84	- 1.11	0.79	2.32	0.12	1.64	244	0	5792	528.8	3.53
102:40:1	4211	- 5.1	0.04	1161.0	24.65	153.14	64.00	64.00	0.20	0.00	0	0	4491	52.00	-915.93
LANDING	- 27257	349.9	- 2.42	- 133.7	19715	2.48	357.67	0.79	0.00	0.00	- 4.84	0	20913	51.89	

107441	CLCCK REQUEST @ READACCS	T1=33514	SECONDS RUNNING	369600.761165	3881
076206	CLCCK REQUEST @ SERVICER	T1=33515	SECONDS RUNNING	369600.773134	4932
063150	CLCCK REQUEST @ RADAREAD	T1=33521	SECONDS RUNNING	369600.814386	8464
006071	CLCCK REQUEST @ MUNGRAV	T1=33527	SECONDS RUNNING	369600.976818	3749
006071	CLCCK REQUEST @ MUNGRAV	T1=33541	SECONDS RUNNING	369600.978360	2415

DISPLAYS = 63 06 63 +11691 -11312 +19996 369600.000046

006071	CLCCK REQUEST @ MUNGRAV	T1=33563	SECONDS RUNNING	369601.159826	7898
063107	CLCCK REQUEST @ LRVEL	T1=33570	SECONDS RUNNING	369601.202646	1639

CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
 T = 369601.24 , RACT = 6 , VDG = 0 , RDG = 1

063150	CLCCK REQUEST @ RADARFAC	T1=33611	SECONDS RUNNING	369601.294356	9422
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CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
 T = 369601.34 , RACT = 6 , VDG = 0 , RDG = 1

101757	CLCCK REQUEST @ RDGIMS	T1=33611	SECONDS RUNNING	369601.372352	6935
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063150	CLCCK REQUEST @ RADAREAD	T1=33613	SECONDS RUNNING	369601.394953	7964
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CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
 T = 369601.44 , RACT = 6 , VDG = 0 , RDG = 1

063150	CLCCK REQUEST @ RADAREAD	T1=33625	SECONDS RUNNING	369601.494889	6421
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CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
 T = 369601.54 , RACT = 6 , VDG = 0 , RDG = 1

063150	CLCCK REQUEST @ RADAREAD	T1=33627	SECONDS RUNNING	369601.55477	524
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CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT

T = 369601.64 , RACT = 6 , VCG = 0 , RDG = 1

073121	CLCCK REQUEST @ QUADGUID	T1=33646	SECONDS RUNNING	369601.665937	1187
063150	CLCCK REQUEST @ RADAREAD	T1=33651	SECONDS RUNNING	369601.694804	3554
072216	CLCCK REQUEST @ THRATTLE	T1=33700	SECONDS RUNNING	369601.921596	2896
066071	CLCCK REQUEST @ FINDCDLW	T1=33715	SECONDS RUNNING	369601.970432	7371
073473	CLCCK REQUEST @ P63DISPS	T1=33741	SECONDS RUNNING	369602.025894	169
073476	CLCCK REQUEST @ ENDDLJCB	T1=33742	SECONDS RUNNING	369602.029222	2569
063073	CLCCK REQUEST @ LRLAT	T1=34017	SECONDS RUNNING	369602.719416	1984

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	P	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	OPPX	OGY	THUST	DCS	APOLU
(STABLE MEMBER COORDS)				FCFVEL	LCNG	PITCH	BALL-P	CDUY	ORATE	ATT-Y	OPPY	OGY	DFLTAV	DCS	PEPILU
LANDING	METRIC	UNITS		ALTRATE	ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	OPPZ	OGZ	MASS	APS	
369602.7	1741780	- 36.0	1.24	29.7	1.84	- 1.01	0.78	2.37	0.02	1.75	248		57.4	52.8	3.49
102:40:3	4271	- 5.0	0.04	1145.2	24.63	152.77	63.62	63.64	- 0.22	- 1.01	1		45.8	51.0	-916.51
LANDING	- 265.61	345.1	- 2.42	- 135.5	19446	2.12	357.62	1.78	0.03	1.66	- 485		2.875	51.89	

107441	CLCCK REQUEST @ READACCS	T1=34024	SECONDS RUNNING	369602.761166	4547											
076206	CLCCK REQUEST @ SERVICEER	T1=34025	SECONDS RUNNING	369602.77247	5512											
063150	CLCCK REQUEST @ RADAREAD	T1=34031	SECONDS RUNNING	369602.814983	6131											
066071	CLCCK REQUEST @ MUNGRAV	T1=34037	SECONDS RUNNING	369602.873386	4123											
066071	CLCCK REQUEST @ MUNGRAV	T1=34051	SECONDS RUNNING	369602.976412	2915											
DISPLAYS =	63	16	63		+11537	-11331	+19729								36.6	3.070009
066071	CLCCK REQUEST @ MUNGRAV	T1=34070	SECONDS RUNNING	369603.123826	5494											
063107	CLCCK REQUEST @ LRVEL	T1=34130	SECONDS RUNNING	369603.231925	2150											

CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
 T = 369603.24 , RACT = 4 , VCG = 0 , RDG = 1

063150	CLCCK REQUEST @ RADAREAD	T1=34111	SECONDS RUNNING	369603.254957	1180
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CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT  
 T = 369603.34 , RACT = 4 , VCG = 0 , RDG = 1

101757	CLCCK REQUEST @ RDGIMS	T1=34121	SECONDS RUNNING	369603.711171	4611
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063150

CLCK REQUEST @ RADARFAD

T1=34123

SECONDS RUNNING

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CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT

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/DUPLICATE LANDING LAST SNAP 0600

T = 369673.44 , RACT = 4 , VDG = 0 , RDG = 1

063150 CLCK REQUEST @ RADARFAD

T1=34135

SECONDS RUNNING

369673.494869

7156

CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT

T = 369673.54 , RACT = 4 , VDG = 0 , RDG = 1

063150 CLCK REQUEST @ RADARFAD

T1=34147

SECONDS RUNNING

369673.594874

5697

CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT

T = 369673.64 , RACT = 4 , VDG = 0 , RDG = 1

073121 CLCK REQUEST @ QUADGUID

T1=34156

SECONDS RUNNING

369673.664174

1674

063150 CLCK REQUEST @ RADARFAD

T1=34161

SECONDS RUNNING

369673.694862

4222

072216 CLCK REQUEST @ THRATTLE

T1=34213

SECONDS RUNNING

369673.959661

6813

006071 CLCK REQUEST @ EINDCDDW

T1=34215

SECONDS RUNNING

369673.979321

8496

073473 CLCK REQUEST @ P63D1SPS

T1=34252

SECONDS RUNNING

369674.269974

3284

073476 CLCK REQUEST @ ENCLLJOB

T1=34253

SECONDS RUNNING

369674.272681

3521

063773 CLCK REQUEST @ LRALT

T1=34327

SECONDS RUNNING

369674.718233

155

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPX	CGX	THFUST	PCS	ARLU
LANDING	(STABLE MEMBER COORDS)			FORVEL	LONG	PITCH	BALL-P	CDUY	QRATE	ATT-Y	DPY	DGY	DELTA V	DEFS	REF ILU
	METRIC UNITS			ALTRATE	ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPZ	DGZ	MASS	APS	
369604.7	1741707	- 36.7	1.25	28.7	0.83	- 0.00	0.78	2.34	- 0.08	1.75	251	0	5789	528.8	3.45
102:40: 5	4192	- 4.9	0.4	1129.5	24.61	152.44	53.27	63.29	- 0.13	0.1	9	0	4824	5142	-917.8
LANDING -	25875	340.3	- 2.41	- 137.3	19173	2.58	357.66	0.78	0.03	0.00	- 484	0	2.827	5189	

107441 CLCK REQUEST @ READACCS

T1=34334

SECONDS RUNNING

369674.761178

5215

076206 CLCK REQUEST @ SERVICER

T1=34335

SECONDS RUNNING

369674.774765

6374

063150 CLCK REQUEST @ RADARFAD

T1=34341

SECONDS RUNNING

369674.814987

9798

006071 CLCK REQUEST @ MUNGRAV

T1=34347

SECONDS RUNNING

369674.879109

5278

006071 CLCK REQUEST @ MUNGRAV

T1=34361

SECONDS RUNNING

369674.978218

3736

DISRLAYS = 63 06 63 +11383 - 1349 +1946

369675.0600

006071 CLCK REQUEST @ MUNGRAV

T1=344 3

SECONDS RUNNING

369675.1596 7

9214

063107 CLCK REQUEST @ LRVEL

T1=3441

SECONDS RUNNING

369675.213326

2962

CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT

T = 369675.24 , RACT = 5 , VDG = 0 , RDG = 1



063150	CLOCK REQUEST @ RADAREAD	T1=34471	SECONDS RUNNING	369605.294858	755
CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT T = 369605.34 , RACT = 5 , VDG = 0 , RDG = 1					
101757	CLOCK REQUEST @ RCGIMS	T1=34431	SECONDS RUNNING	369605.371974	733
063150	CLOCK REQUEST @ RADAREAD	T1=34433	SECONDS RUNNING	369605.354864	9288
CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT T = 369605.44 , RACT = 5 , VDG = 0 , RDG = 1					
063150	CLOCK REQUEST @ RADAREAD	T1=34445	SECONDS RUNNING	369605.404858	7922
CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT T = 369605.54 , RACT = 5 , VDG = 0 , RDG = 1					
063150	CLOCK REQUEST @ RADAREAD	T1=34457	SECONDS RUNNING	369605.594863	6356
CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT T = 369605.64 , RACT = 5 , VDG = 0 , RDG = 1					
073121	CLOCK REQUEST @ QUADGUID	T1=34456	SECONDS RUNNING	369605.665176	2356
063150	CLOCK REQUEST @ RADAREAD	T1=34471	SECONDS RUNNING	369605.604355	4888
072216	CLOCK REQUEST @ THRCTLF	T1=34520	SECONDS RUNNING	369605.921412	4221
066071	CLOCK REQUEST @ FINDCDLW	T1=34525	SECONDS RUNNING	369605.972242	8559
073473	CLOCK REQUEST @ P63DISPS	T1=34562	SECONDS RUNNING	369606.264353	3528
073476	CLOCK REQUEST @ ENDLJCB	T1=34562	SECONDS RUNNING	369606.267724	3774
063073	CLOCK REQUEST @ LRAIT	T1=34637	SECONDS RUNNING	369606.718233	2217

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUW	PRAQE	ATT-X	OppX	DCX	THLUST	LCS	APOLU	
LANDING	(STABLE MEMBER METRIC)	MEMBER	COORDS)	FORVEL	LONG	PITCH	BALL-P	CDUW	ORATE	ATT-Y	OppY	DCY	DELTAV	LCS	APILU	
		UNITS		ALTRATE	ALT	RCLL	BALL-Y	CDUZ	RPATE	ATT-Z	OppZ	DCZ	MASS	APS		
369606.7	1741633	-	37.4	1.27	25.1	1.83	1.04	1.82	2.16	-	0.08	1.95	255	5700	528.8	3.41
102:40: 7	4184	-	4.8	0.04	1114.0	24.58	152.09	62.90	62.93	-	0.20	1.01	11	4841	51.5	-917.64
LANDING	-	25198	335.5	-	2.41	-	128.5	18896	1.91	357.83	0.92	-	0.01	0	277.9	5189

107441	CLOCK REQUEST @ READACCS	T1=34644	SECONDS RUNNING	369606.761258	5884
076206	CLOCK REQUEST @ SERVICEK	T1=34645	SECONDS RUNNING	369606.773173	6005
063150	CLOCK REQUEST @ RADAREAD	T1=34651	SECONDS RUNNING	369606.811877	6444

TIME	R	V	A	LATVEL	LAT	YAW	BALL-P	CDUX	PRATE	ATT-X	DPPX	DCY	THRUST	MCS	APLU
LANDING	(STABLE MEMBER METRIC	COORDS	UNITS	FDPVEL	LCNG	PITCH	BALL-P	CDUY	GRATE	ATT-Y	DPPY	DGY	REFLAV	DPS	PEPILU
				ALTRATE	ALT	ROLL	BALL-Y	CDUZ	PRATE	ATT-Z	DPPZ	DGZ	MASS	APS	
006071	CLCK	REQUEST @ MUNGRAV													
006071	CLCK	REQUEST @ MUNGRAV													
062107	CLCK	REQUEST @ LRVEL													
CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT T = 369607.24 , RACT = 6 , VDG = 0 , RDG = 1															
063150	CLCK	REQUEST @ RADAREAD													
CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT T = 369607.34 , RACT = 6 , VDG = 0 , RDG = 1															
101757	CLCK	REQUEST @ RDGIMS													
063150	CLCK	REQUEST @ RADAREAD													
CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT T = 369607.44 , RACT = 6 , VDG = 0 , RDG = 1															
063150	CLCK	REQUEST @ RADAREAD													
CHANNEL RD ATTEMPT WITHOUT DG DISCRETE PRESENT T = 369607.54 , RACT = 6 , VDG = 0 , RDG = 1															
063150	CLCK	REQUEST @ RADAREAD													
CHANNEL PD ATTEMPT WITHOUT DG DISCRETE PRESENT T = 369607.64 , RACT = 6 , VDG = 0 , PDG = 1															
073121	CLCK	REQUEST @ QUADGUID													
063150	CLCK	REQUEST @ RADAREAD													
072216	CLCK	REQUEST @ THROTTLE													
006071	CLCK	REQUEST @ FINDDUW													
073473	CLCK	REQUEST @ P63DISPS													
073476	CLCK	REQUEST @ ENDLLJOB													
063073	CLCK	REQUEST @ LPALT													

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-P	CDUX	PRATE	ATT-X	DPPX	DCY	THRUST	MCS	APLU		
LANDING	(STABLE MEMBER METRIC	COORDS	UNITS	FDPVEL	LCNG	PITCH	BALL-P	CDUY	GRATE	ATT-Y	DPPY	DGY	REFLAV	DPS	PEPILU		
				ALTRATE	ALT	ROLL	BALL-Y	CDUZ	PRATE	ATT-Z	DPPZ	DGZ	MASS	APS			
369606.7	1741557	-	3.01	1.30	21.5	0.83	0.05	0.82	1.95	-	1.078	1.071	260	5819	52808	3629	
102:40:9	4175	-	4.7	1.04	1.38	2.6	56	151.72	62.52	-	0.17	1	1	4558	667	-918.2	
LANDING	24531	-	33.07	-	2.42	-	14.04	18617	1.73	-	397.49	0.82	-	1.07	1.071	-	484

107441	CLCCK REQUEST @ READACCS	T1=35154	SECONDS RUNNING	369600.9761179	6547
076206	CLCCK REQUEST @ SERVICER	T1=35155	SECONDS RUNNING	369600.9773959	7630
063150	CLCCK REQUEST @ RADAREAD	T1=35161	SECONDS RUNNING	369600.914947	1136
006071	CLCCK REQUEST @ MUNGRAV	T1=35173	SECONDS RUNNING	369600.911190	9350
DISPLAYS =	63 06 63 +11076 -01354 +18912				369600.9000214
006071	CLCCK REQUEST @ MUNGRAV	T1=35206	SECONDS RUNNING	369600.922256	9827
006071	CLCCK REQUEST @ MUNGRAV	T1=35227	SECONDS RUNNING	369600.918038	2827
063107	CLCCK REQUEST @ LRVEL	T1=35240	SECONDS RUNNING	369600.9283833	1148
VELCCITY DATA GOOD BIT CHANGED TO 1 AT T = 369609.32					
063150	CLCCK REQUEST @ RADARFAD	T1=35251	SECONDS RUNNING	369600.9374889	8918
101757	CLCCK REQUEST @ RDCIMS	T1=35261	SECONDS RUNNING	369600.9451164	5427
063150	CLCCK REQUEST @ RADAREAD	T1=35263	SECONDS RUNNING	369600.9474869	7450
063150	CLCCK REQUEST @ RADAREAD	T1=35275	SECONDS RUNNING	369600.9574862	5982
063150	CLCCK REQUEST @ RADAREAD	T1=35287	SECONDS RUNNING	369600.9674972	4517
073121	CLCCK REQUEST @ QUACQUID	T1=35312	SECONDS RUNNING	369600.974657	7158
063150	CLCCK REQUEST @ RADAREAD	T1=35321	SECONDS RUNNING	369600.9774963	5149
072216	CLCCK REQUEST @ THRATTLE	T1=35347	SECONDS RUNNING	369600.9999339	5247
006071	CLCCK REQUEST @ FINDCDUM	T1=35351	SECONDS RUNNING	369600.917446	5760
073473	CLCCK REQUEST @ P63D1SPS	T1=35406	SECONDS RUNNING	369600.9315644	8342
073476	CLCCK REQUEST @ ENCLLJCB	T1=35416	SECONDS RUNNING	369600.9318527	8588
063073	CLCCK REQUEST @ LRALT	T1=35457	SECONDS RUNNING	369600.9718239	2551

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPY	DGX	THELST	PCS	APOLU
LANDING	(STABLE MEMBER METRIC UNITS)	COORDS)	FORVEL	LONG	PITCH	BALL-P	CDUY	CPATE	ATT-Y	DPY	DGY	DELTA	OPS	PERILU	
			ALTRATE	ALT	ROLL	BALL-Y	CUZ	RRATE	ATT-Z	DPZ	DGZ	MASS	APS		
369610.7	1741480	- 38.7	1.31	1.01	7.83	1.77	1.84	1.82	- 0.08	1.20	2.62	1.50	52.06	3.32	
102:40:11	4152	- 4.6	1.35	1.82	74.54	151.52	62.28	62.20	- 0.08	1.10	1.0	2	46.75	51.28 -918.74	
LANDING	23883	325.9	- 2.41	- 141.8	18335	1.56	338.17	1.83	0.17	1.0	- 4.93	2	2.722	51.60	

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	DGX	THRUST	PLS	APDLU
LANDING	(STABLE MEMBER METRIC)	COORDS	COORDS	FCRVFL ALTRATE	LCNG ALT	PITCH RCLL	BALL-P BALL-Y	CDUY CDUZ	PRATE	ATT-Y ATT-Z	DPPY DPPZ	DGY DC7	DELTA V MASS	DPS APS	PERILU
107441															
076206															
LMY99	AGC	001	NASA 2021112- 61	NEW SIMULATION		MARSPOT 2	414415 /FYLE5								
063150															
006071															
006071															
DISPLAYS =	63	06	63		+10922	-01398	+18632								369611000031
006071															
063107															
063150															
101757															
063150															
063150															
063150															
063150															
073121															
063150															
072216															
006071															
073473															
073476															
063073															

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	DGX	THRUST	PLS	APDLU
LANDING	(STABLE MEMBER METRIC)	COORDS	COORDS	FCRVFL ALTRATE	LCNG ALT	PITCH RCLL	BALL-P BALL-Y	CDUY CDUZ	PRATE	ATT-Y ATT-Z	DPPY DPPZ	DGY DC7	DELTA V MASS	DPS APS	PERILU
369612.7	1741402	- 39.3	1.32	14.8	0.83	0.14	0.86	1.65	- 0.08	0.98	26	0	5814	528.8	3.29
102:40:13	4144	- 4.5	0.15	1.67.1	24.52	151.29	62.13	62.15	- 0.14	0.11	11	0	4502	4.691	-919.26
LANDING	- 23235	321.1	- 2.41	- 143.1	18050	1.39	356.34	0.86	- 0.04	0.01	- 483	0	27.94	5189	

107441															
076206															
063150															
006071															
006071															
LMY99	AGC	001	NASA 2021112-061	NEW SIMULATION		MARSPOT 2	20414415 /FYLE5								

TIME	R	V	A	LATVEL	LAT	YAW	BALL-P	CDUX	PRATE	ATT-X	DPPX	DCX	THRUST	RCS	APOLU
LANDING	(STABLE MEMBER METRIC	MEMBER UNITS	COORDS)	FORVEL	LONG	PITCH	BALL-P	CDUY	GRATE	ATT-Y	DPPY	DCY	CFITAV	DPS	PERILU
				ALTRATE	ALT	RCLL	PALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	DCZ	MASS	APS	
369614.7	1741323	- 39.9	1.34	11.5	1.83	0.18	0.84	1.48	- 0.08	0.87	2.68	0	5817	528.6	3.25
102:40:15	4136	- 4.4	0.05	1.51.5	24.50	150.88	61.61	61.62	- 0.24	0.1	0	0	4679	4952	-019.81
LANDING	- 22597	316.3	- 2.41	- 144.4	17762	1.22	358.51	0.83	0.01	0.00	- 4.83	0	2.446	5185	

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

DISPLAYS =	63	16	63	+10768	-01412	+18349										369613.00003
006071	CLCCK	REQUEST	@	MUNGRAV				T1=36.21	SECONDS	RUNNING						369613.00003
063107	CLCCK	REQUEST	@	LRVEL				T1=36.44	SECONDS	RUNNING						2139
063150	CLCCK	REQUEST	@	RADAREAD				T1=36.05	SECONDS	RUNNING						5714
101757	CLCCK	REQUEST	@	RDCIMS				T1=36.61	SECONDS	RUNNING						3423
063150	CLCCK	REQUEST	@	RADAREAD				T1=36.071	SECONDS	RUNNING						9052
063150	CLCCK	REQUEST	@	RADAREAD				T1=36.73	SECONDS	RUNNING						1965
063150	CLCCK	REQUEST	@	RADAREAD				T1=36.105	SECONDS	RUNNING						1490
063150	CLCCK	REQUEST	@	RADAREAD				T1=36.117	SECONDS	RUNNING						9123
073121	CLCCK	REQUEST	@	QUACGUID				T1=36.126	SECONDS	RUNNING						5148
063150	CLCCK	REQUEST	@	RADAREAD				T1=36.131	SECONDS	RUNNING						7555
072216	CLCCK	REQUEST	@	THRCTTLF				T1=36.161	SECONDS	RUNNING						7094
006071	CLCCK	REQUEST	@	FINDCCUW				T1=36.165	SECONDS	RUNNING						1164
073473	CLCCK	REQUEST	@	P6301SPS				T1=36.222	SECONDS	RUNNING						6461
073476	CLCCK	REQUEST	@	ENDLLJDB				T1=36.223	SECONDS	RUNNING						6717
063073	CLCCK	REQUEST	@	LRALT				T1=36.277	SECONDS	RUNNING						4987

DISPLAYS =	63	16	63	+10615	-01425	+18064										369613.00038
006071	CLCCK	REQUEST	@	MUNGRAV				T1=36.304	SECONDS	RUNNING						369613.00038
076206	CLCCK	REQUEST	@	SERVICER				T1=36.305	SECONDS	RUNNING						9575
063150	CLCCK	REQUEST	@	RADAREAD				T1=36.211	SECONDS	RUNNING						3129
006071	CLCCK	REQUEST	@	MUNGRAV				T1=36.317	SECONDS	RUNNING						8259
006071	CLCCK	REQUEST	@	MUNGRAV				T1=36.331	SECONDS	RUNNING						7135

063107

CLCCK REQUEST @ LRVFL

T1=36360

SECONDS RUNNING

369615.04499

6378

LMY99	AGC	DD1	NASA 2021112-061 NEW SIMULATION	MARSROT 20414415 /EYLES	LRRADAR2.EMVCFTEL 7/27/69 14:43	PAGE 303
					/DUPLICATE LANDING	LAST SNAP 369600
063150			CLCCK REQUEST @ RADAREAD	T1=36372	SECONDS RUNNING	369615.314855 4942
101757			CLCCK REQUEST @ PDGIMS	T1=36411	SECONDS RUNNING	369615.371174 0601
063150			CLCCK REQUEST @ RADAREAD	T1=36404	SECONDS RUNNING	369615.404851 3475
063150			CLCCK REQUEST @ RADAREAD	T1=36416	SECONDS RUNNING	369615.507963 2274
063150			CLCCK REQUEST @ RADAREAD	T1=36430	SECONDS RUNNING	369615.604874 0543
073121			CLCCK REQUEST @ QUADGLIC	T1=36436	SECONDS RUNNING	369615.663462 5543
063150			CLCCK REQUEST @ RADAREAD	T1=36442	SECONDS RUNNING	369615.714879 0077
072216			CLCCK REQUEST @ THRATTLE	T1=36471	SECONDS RUNNING	369615.924403 7810
006071			CLCCK REQUEST @ FINDCDUW	T1=36475	SECONDS RUNNING	369615.974075 2049
073473			CLCCK REQUEST @ PERDISPS	T1=36532	SECONDS RUNNING	369616.026837 7031
073476			CLCCK REQUEST @ ENDLLJCB	T1=36533	SECONDS RUNNING	369616.027101 7433
063073			CLCCK REQUEST @ LRALT	T1=36607	SECONDS RUNNING	369616.0718235 5550

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-P	COUJ	PPATE	ATT-X	DPPX	DCY	THRUST	FCS	APFLU		
LANDING	(STABLE MEMBER METRIC	UNITS	COCRDS)	FCRVEL	LCNG	PITCH	BALL-P	CEUY	QPATE	ATT-Y	DPPY	DGY	DFLTAV	DPS	PERILU		
				ALTRATE	ALT	POLL	BALL-Y	CDUZ	RFATE	ATT-Z	DPPZ	PG7	MASS	APS			
369616.7	1741243	-	40.4	10.36	9.4	0.83	1.05	0.01	1.31	-	0.08	0.65	273	0	563.0	528.0	30.21
102:40:17	4128	-	4.3	0.74	11.35	0.8	150.56	61.27	61.28	-	0.11	0.21	11	0	425	4914	-020.33
LANDING	-	21968	311.6	-	2.41	-	145.5	17472	1.05	358.67	0.80	0.10	0.00	-	482	2.67	5189

107441			CLCCK REQUEST @ READACCS	T1=36614	SECONDS RUNNING	369616.0761199 9217									
076206			CLCCK REQUEST @ SERVICEP	T1=36615	SECONDS RUNNING	369616.077471 1369									
063150			CLCCK REQUEST @ RADAREAD	T1=36621	SECONDS RUNNING	369616.0814877 2797									
006071			CLCCK REQUEST @ MUNGRAV	T1=36627	SECONDS RUNNING	369616.0878964 9266									
006071			CLCCK REQUEST @ MUNGRAV	T1=36641	SECONDS RUNNING	369616.0978230 7737									
DISPLAYS =	63	16	63	+17461	-01439	+17777									369617.00016
006071			CLCCK REQUEST @ MUNGRAV	T1=36663	SECONDS RUNNING	369617.150917 3240									
063107			CLCCK REQUEST @ LRVFL	T1=36710	SECONDS RUNNING	369617.067591 0962									
063150			CLCCK REQUEST @ RADAREAD	T1=36722	SECONDS RUNNING	369617.070912 9779									
101757			CLCCK REQUEST @ PDGIMS	T1=36731	SECONDS RUNNING	369617.0821473 6047									
063150			CLCCK REQUEST @ RADAREAD	T1=36734	SECONDS RUNNING	369617.0856734 7870									
LMY99	AGC	DD1	NASA 2021112-061 NEW SIMULATION	MARSROT 20414415 /EYLES	LRRADAR2.EMVCFTEL 7/27/69 14:43	PAGE 304									
					/DUPLICATE LANDING	LAST SNAP 369600									

TIME	REQUEST	ADAREAD	TIME	SECONDS	RUNNING	369617.04871	797
063150	CLOCK REQUEST @	RADAREAD	T1=36734	SECONDS	RUNNING	369617.04871	797
LMY99	AGC	NASA 221112-L61 NEW SIMULATION	MARSRO1 20414415 /EYLES	LF RADAR 20 ENVCTRL	7/25/70 14:40	PAGE	304
				/DUPLICATE	LANDING	LAST	SNAP
063150	CLOCK REQUEST @	RADAREAD	T1=36746	SECONDS	RUNNING	369617.064871	633
063150	CLOCK REQUEST @	RADAREAD	T1=36767	SECONDS	RUNNING	369617.064964	4863
073121	CLOCK REQUEST @	QUADGUID	T1=36763	SECONDS	RUNNING	369617.079944	7673
063150	CLOCK REQUEST @	RADAREAD	T1=36772	SECONDS	RUNNING	369617.064355	6395
072216	CLOCK REQUEST @	THROTTLE	T1=37721	SECONDS	RUNNING	369618.02179	2733
066071	CLOCK REQUEST @	FIACCUM	T1=37022	SECONDS	RUNNING	369618.112648	3687
073473	CLOCK REQUEST @	P03DISPS	T1=37056	SECONDS	RUNNING	369618.038750	7004
073476	CLOCK REQUEST @	ENCLLJCB	T1=37057	SECONDS	RUNNING	369618.039381	8240
063073	CLOCK REQUEST @	LRALT	T1=37117	SECONDS	RUNNING	369618.0718235	6217

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPX	DCX	THRUST	RCS	POLU		
LANDING	(STABLE	MEMBER	COORDS)	FORVEL	LONG	PITCH	BALL-P	COUJ	ORATE	ATT-Y	DPY	DGY	DELTA	OPS	PERILU		
	METRIC	UNITS		ALTRATE	ALT	RCLL	BALL-Y	CUZ	RRATE	ATT-Z	DPZ	DGZ	MASS	APS			
369618.7	1741161	-	40.9	1.39	5.3	0.83	0.11	1.86	1.15	-	0.08	1.54	277	0	5834	528.8	3.17
102140:15	4120	-	4.2	0.05	10.2%	24.45	150.29	60.98	60.95	-	0.18	0.00	462	387	-420.84		
LANDING	-	21349	30.08	-	2.41	-	146.6	17180	0.88				27560	5180			

107441	CLOCK REQUEST @	READALCS	T1=37124	SECONDS	RUNNING	369618.071211	0884									
076206	CLOCK REQUEST @	SERVICEK	T1=37125	SECONDS	RUNNING	369618.076176	1153									
063150	CLOCK REQUEST @	RADAREAD	T1=37131	SECONDS	RUNNING	369618.0714877	4464									
066071	CLOCK REQUEST @	MUNGRAV	T1=37137	SECONDS	RUNNING	369618.0879966	7119									
066071	CLOCK REQUEST @	MUNGRAV	T1=37152	SECONDS	RUNNING	369618.091503	8691									
DISPLAYS =	63	06	63	410307	-01449	+17487										369619.070023
066071	CLOCK REQUEST @	MUNGRAV	T1=37174	SECONDS	RUNNING	369619.0163381	4213									
063107	CLOCK REQUEST @	LRVEL	T1=37221	SECONDS	RUNNING	369619.037026	1836									
063150	CLOCK REQUEST @	RADAREAD	T1=37232	SECONDS	RUNNING	369619.0469765	1347									
101757	CLOCK REQUEST @	RDCIMS	T1=37241	SECONDS	RUNNING	369619.0531158	5585									
063150	CLOCK REQUEST @	RADAREAD	T1=37244	SECONDS	RUNNING	369619.0538941	6815									

063150	CLECK REQUEST @ RADAREAD	T1=37256	SECONDS RUNNING	369619.664389	6998
063150	CLECK REQUEST @ RADAREAD	T1=3727	SECONDS RUNNING	369619.764972	5537
073121	CLECK REQUEST @ QUADGUID	T1=37274	SECONDS RUNNING	369619.866977	9114



LMY99	AGC	DDI	NASA 2-21112-1-61 NEW SIMULATION	MARSPT 20414415 / FYLFS	LRRADAR 2.0 ENVNTPFL 7/21/70 16:43	PAGE 305
					/DUPLICATE LANDING	LAST SNAP 269600
063150			CLCK REQUEST @ RADAREAD	T1=3732	SECONDS RUNNING	369621.04933 4168
072216			CLCK REQUEST @ THRPTLE	T1=37331	SECONDS RUNNING	369621.05764 3716
006071			CLCK REQUEST @ FINDCDUW	T1=37332	SECONDS RUNNING	369621.06248 4661
073473			CLCK REQUEST @ P63DISRS	T1=37367	SECONDS RUNNING	369621.052110 9155
073476			CLCK REQUEST @ ENDLLJCR	T1=37367	SECONDS RUNNING	369621.05112 9301
063073			CLCK REQUEST @ LPALT	T1=37427	SECONDS RUNNING	369621.071966 7031

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	P	V	A	LATVEL	LAT	YAW	BALL-P	CDUX	PRATE	ATT-X	DPRX	DCY	TRFUST	RFS	APDU
LANDING	(STABLE MEMBER METRIC	COORDS)	FCRVEL	LCNG	PITCH	BALL-P	CDUX	CDUY	ORATE	ATT-Y	DPRY	DCY	DELTA V	DPS	REFRILU
	UNITS		ALTRATE	ALT	ROLL	BALL-Y	CDU7	CDU7	RRATE	ATT-Z	DPPZ	DCZ	MASS	APS	
369620.7	1741079	- 41.3	1.33	2.4	0.83	0.10	0.84	0.97	0.08	0.22	279	0	5838	525.8	3.12
102:40:21	4112	- 4.1	0.05	17.465	24.43	15.02	0.7	6.71	0.06	0.10	11	0	4659	4.37	-21.34
LANDING	- 2074	302.1	- 2.41	- 147.5	16886	0.71	35.01	0.83	0.01	0.01	- 4.8	0	2.53	51.80	

107441			CLCK REQUEST @ READACCS	T1=37434	SECONDS RUNNING	369621.0761161 547									
076206			CLCK REQUEST @ SERVICER	T1=37435	SECONDS RUNNING	369621.0773619 161									
063150			CLCK REQUEST @ RADAREAD	T1=37441	SECONDS RUNNING	369621.0814354 5128									
006071			CLCK REQUEST @ MUNGRAV	T1=37447	SECONDS RUNNING	369621.0874233 0195									
006071			CLCK REQUEST @ MUNGRAV	T1=37461	SECONDS RUNNING	369621.0977136 8976									
DISPLAYS =	63	06	63	+1 154	-01459	+17154									369621.000013
006071			CLCK REQUEST @ MUNGRAV	T1=37510	SECONDS RUNNING	369621.0124155 1522									
063107			CLCK REQUEST @ LRVBL	T1=37530	SECONDS RUNNING	369621.0361476 1767									
063150			CLCK REQUEST @ RADAREAD	T1=37541	SECONDS RUNNING	369621.0454863 9742									
101757			CLCK REQUEST @ RDGIMS	T1=37551	SECONDS RUNNING	369621.0524907 5711									
063150			CLCK REQUEST @ RADAREAD	T1=37553	SECONDS RUNNING	369621.0554882 9277									
063150			CLCK REQUEST @ RADAREAD	T1=37565	SECONDS RUNNING	369621.0654867 6810									
063150			CLCK REQUEST @ RADAREAD	T1=37577	SECONDS RUNNING	369621.0757179 5541									
073121			CLCK REQUEST @ QUADGUID	T1=37613	SECONDS RUNNING	369621.0797975 9121									

063150	CLOCK REQUEST @ ALARLAD	T1=37641	SECONDS RUNNING	37641.00	387
072216	CLOCK REQUEST @ THROTTLE	T1=37640	SECONDS RUNNING	37640.00	3914
006071	CLOCK REQUEST @ FINDCCLK	T1=37641	SECONDS RUNNING	37641.00	4628

LMY99 AGC 001 NASA 3021112-101 NEW SIMULATION MARSFOT 20414415 /EYLES LPPADAR2.FMONTFL 17/17/69 14:43 PAGE 305  
/DUPLICATE LANDING LAST SNAP 369600

073473 CLCCK REQUEST @ P63DISPS T1=37676 SECONDS RUNNING 369622.384996 8943  
073476 CLCCK REQUEST @ ENDLJCB T1=37676 SECONDS RUNNING 369622.384977 9189  
063073 CLCCK REQUEST @ LRAALT T1=37737 SECONDS RUNNING 369622.718235 7550

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME LANDING	R (STABLE MEMBER METRIC	V UNITS	A COORDS)	LATVEL FORVEL ALTRATE	LAT LONG ALT	YAW PITCH ROLL	BALL-R BALL-P BALL-Y	CDUX CDUY CDUZ	PRATE ORATE RRATE	ATT-X ATT-Y ATT-Z	DPX DPY DPZ	DGX DGY DGZ	THROUST DELTA V MASS	RCS OPS APS	APOLU PER ILU
369622.7 102:40:23	1740996 4105	-	41.7 40.1	1.4 7.74	0.5 988.8	0.83 149.88	0.68 61.54	1.81 61.54	0.09 0.11	0.21 0.13	282 11	0 0	5843 4676	528.8 4798	3.78 -921.82
LANDING -	20140	297.2	- 2.41	- 148.4	16590	0.53	359.19	1.68	- 0.19	0.13	- 4.82	0	21692	5180	

107441 CLCCK REQUEST @ READACCS T1=37744 SECONDS RUNNING 369622.671162 1213  
076206 CLCCK REQUEST @ SERVICER T1=37745 SECONDS RUNNING 369622.677622 2541  
063150 CLCCK REQUEST @ RADAREAD T1=37751 SECONDS RUNNING 369622.681488 5797  
006071 CLCCK REQUEST @ MUNGRAV T1=37760 SECONDS RUNNING 369622.682404 1559  
006071 CLCCK REQUEST @ MUNGRAV T1=37772 SECONDS RUNNING 369622.682241 9682

DISPLAYS = 63 6 63 +19949 -(147) +16900 369622.680013

006071 CLCCK REQUEST @ MUNGRAV T1=30014 SECONDS RUNNING 369622.165544 6721  
063107 CLCCK REQUEST @ LRVEL T1=30041 SECONDS RUNNING 369623.373654 3394  
063150 CLCCK REQUEST @ RADAREAD T1=30053 SECONDS RUNNING 369623.471742 1817  
101757 CLCCK REQUEST @ RDCIMS T1=30062 SECONDS RUNNING 369623.541161 7773  
063150 CLCCK REQUEST @ RADAREAD T1=30064 SECONDS RUNNING 369623.568734 11866  
063150 CLCCK REQUEST @ RADAREAD T1=30076 SECONDS RUNNING 369623.664881 8331  
063150 CLCCK REQUEST @ RADAREAD T1=30110 SECONDS RUNNING 369623.764976 6864  
073121 CLCCK REQUEST @ QUADGUID T1=30114 SECONDS RUNNING 369623.805526 7132  
063150 CLCCK REQUEST @ RADAREAD T1=30122 SECONDS RUNNING 369623.864888 6390  
072216 CLCCK REQUEST @ THROTTLE T1=30151 SECONDS RUNNING 369624.099781 5642  
006071 CLCCK REQUEST @ FINDCDDW T1=30153 SECONDS RUNNING 369624.111317 6341  
073473 CLCCK REQUEST @ P63DISPS T1=30217 SECONDS RUNNING 369624.200000 447

073476 CLCK REQUEST @ ENLLJJB T1=10217 SECONDS RUNNING 369624.395219 652  
 063073 CLCK REQUEST @ LR0LT T1=10247 SECONDS RUNNING 369624.718235 8217  
 LMY99 AGC 001 NASA 2021112- 61 NEW SIMULATION MARSPOT 20414415 /EYLES /DUPLICATE LANDING LAST SNAP 307 369600

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SFC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	DGX	THRUST	RCS	APRLU
LANDING	(STABLE MEMBER METRIC	MEMBER UNITS	COCROSS)	FCRVFL ALTRATE	LONG ALT	PITCH ROLL	BALL-P BALL-Y	CDUY CDUZ	QRATE RRATE	ATT-Y ATT-Z	DPY DPPZ	FGY DGZ	DEL TAV MASS	DPS APS	PERILU
369624.7 102:40:25 LANDING -	1740912 4098 - 19549 -	- 42.1 4.0 292.4 -	1.42 - 1.13 2.42 -	3.5 973.1 149.2	0.83 24.36 16292	- 0.24 149.69 0.35	0.48 60.33 355.37	0.62 - 60.33 - 0.48	(.08 1.18 - 0.14	0.00 0.10 -	285 P - 484	0 r 0	5858 4603 20452	528.8 4761 5180	3.03 -922.32
107441	CLCK REQUEST @	REACACCS						T1=00254	SECONDS RUNNING				369624.761159		1987
076206	CLCK REQUEST @	SERVICER						T1=10255	SECONDS RUNNING				369624.774959		3157
063150	CLCK REQUEST @	RADAREAD						T1=10261	SECONDS RUNNING				369624.814881		6464
066071	CLCK REQUEST @	MUNGRAV						T1=00267	SECONDS RUNNING				369624.878775		1916
066071	CLCK REQUEST @	MUNGRAV						T1=10301	SECONDS RUNNING				369624.979617		0522
DISPLAYS =	63	16	63		+09849	-01476	+16603								369625.000009
006071	CLCK REQUEST @	MUNGRAV						T1=00324	SECONDS RUNNING				369625.162284		6119
063107	CLCK REQUEST @	LRVEL						T1=00350	SECONDS RUNNING				369625.367524		3623
063150	CLCK REQUEST @	RADAREAD						T1=00362	SECONDS RUNNING				369625.469781		2349
101757	CLCK REQUEST @	RDGIMS						T1=00371	SECONDS RUNNING				369625.531217		7591
063150	CLCK REQUEST @	RADAREAD						T1=00374	SECONDS RUNNING				369625.566644		1614
063150	CLCK REQUEST @	RADAREAD						T1=00416	SECONDS RUNNING				369625.664894		8999
063150	CLCK REQUEST @	RADAREAD						T1=00420	SECONDS RUNNING				369625.764869		7530
073121	CLCK REQUEST @	QUADGUID						T1=00424	SECONDS RUNNING				369625.813351		913
063150	CLCK REQUEST @	RADAREAD						T1=00432	SECONDS RUNNING				369625.864869		6063
072216	CLCK REQUEST @	THRATTLE						T1=00461	SECONDS RUNNING				369626.192739		5518
066071	CLCK REQUEST @	FINDCOLW						T1=10462	SECONDS RUNNING				369626.13262		6416
073473	CLCK REQUEST @	P63DISPS						T1=00516	SECONDS RUNNING				369626.389164		1803
073476	CLCK REQUEST @	ENLLJJB						T1=10517	SECONDS RUNNING				369626.39245		1149
063073	CLCK REQUEST @	LRALT						T1=10557	SECONDS RUNNING				369626.719472		4999
369626.7 102:40:27 LANDING -	1740827 4191 - 18569 -	- 42.5 3.9 287.0 -	1.43 - 1.13 2.41 -	6.3 973.4 149.9	0.83 24.27 15993	- 0.13 149.49 0.18	0.5 60.11 255.54	0.45 - 60.11 - 0.55	0.08 0.12 - 0.11	0.00 0.10 -	287 7 - 483	0 r 0	5845 471 20415	528.8 4761 5180	3.03 -922.32

LMY99 AGC 001 NASA 2021112-161 NEW SIMULATION MARSFOT 20414415 /EYLES LFRADAR2, FNRVCTRL 7/20/60 14:42 PACF 308  
 /DUPLICATE LANDING LAST SNAP 369600

107441	CLOCK REQUEST @ READACCS	T1=00564	SECONDS RUNNING	369626.761177	2549
076206	CLOCK REQUEST @ SERVICER	T1=00565	SECONDS RUNNING	369626.772749	2535
063150	CLOCK REQUEST @ RADAREAD	T1=00571	SECONDS RUNNING	369626.814998	7132
006071	CLOCK REQUEST @ MUNGRAV	T1=00577	SECONDS RUNNING	369626.874122	2186
006071	CLOCK REQUEST @ MUNGRAV	T1=00611	SECONDS RUNNING	369626.977324	1044
DISPLAYS =	63 06 63 +09694 -1483 +16315				369627.000013
006071	CLOCK REQUEST @ MUNGRAV	T1=00630	SECONDS RUNNING	369627.124279	3533
063107	CLOCK REQUEST @ LRVEL	T1=00660	SECONDS RUNNING	369627.361174	3796
063150	CLOCK REQUEST @ RADAREAD	T1=00671	SECONDS RUNNING	369627.454359	1742
101757	CLOCK REQUEST @ RDCIMS	T1=00701	SECONDS RUNNING	369627.531174	8254
063150	CLOCK REQUEST @ RADAREAD	T1=00703	SECONDS RUNNING	369627.554869	6276
063150	CLOCK REQUEST @ RADAREAD	T1=00715	SECONDS RUNNING	369627.654922	8814
063150	CLOCK REQUEST @ RADAREAD	T1=00727	SECONDS RUNNING	369627.757137	7537
073121	CLOCK REQUEST @ QUADGUID	T1=00733	SECONDS RUNNING	369627.798511	1066
063150	CLOCK REQUEST @ RADAREAD	T1=00741	SECONDS RUNNING	369627.854962	5876
072216	CLOCK REQUEST @ THROTTLE	T1=00770	SECONDS RUNNING	369628.088421	5806
006071	CLOCK REQUEST @ FINDCDUM	T1=00771	SECONDS RUNNING	369628.098183	6631
073473	CLOCK REQUEST @ P62DISPS	T1=01026	SECONDS RUNNING	369628.383100	6944
073476	CLOCK REQUEST @ ENDLJCB	T1=01026	SECONDS RUNNING	369628.385884	1100
063073	CLOCK REQUEST @ LRLAT	T1=01067	SECONDS RUNNING	369628.718235	9550

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LB'S, FT, NMI, SEC, DEG

TIME	P	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPY	DGX	THLUST	RCS	APDLU
LANDING	(STABLE	MEMBER	COGRES)	FORVFL	LONG	RITCH	BALL-P	CDUY	QRATE	ATT-Y	DRPY	DGY	DELTA V	DRS	PER ILU
	METRIC	UNITS		ALTRATE	ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DRPZ	CGZ	MASS	APS	
369628.7	1740742	- 42.9	1.45	- 9.1	0.83	- 0.38	0.34	0.27	- 0.19	0.00	2.0		58.64	528.6	2.94
102:40:29	4084	- 3.8	0.12	941.7	24.36	149.23	59.84	99.84	- 0.15	- 0.10	8		47.07	46.83	-923.27
LANDING	- 18398	282.8	- 2.42	- 151.6	15692	0.00	359.72	0.34	- 0.22	0.00	- 4.83		21376	518.9	

107441 CLOCK REQUEST @ READACCS T1=01074 SECONDS RUNNING 369627.061173 2214



006071	CLOCK REQUEST @ MUNGRAV	T1=01454	SECONDS RUNNING	269631.163455	8235
063107	CLOCK REQUEST @ LRVFL	T1=01500	SECONDS RUNNING	269631.269555	5796
063150	CLOCK REQUEST @ RADAREAD	T1=01512	SECONDS RUNNING	269631.469798	4351
101757	CLOCK REQUEST @ RDGIMS	T1=01521	SECONDS RUNNING	269631.531218	9591
063150	CLOCK REQUEST @ RADAREAD	T1=01524	SECONDS RUNNING	269631.568793	2798
063150	CLOCK REQUEST @ RADAREAD	T1=01536	SECONDS RUNNING	269631.664859	1995
063150	CLOCK REQUEST @ RADAREAD	T1=01550	SECONDS RUNNING	269631.764863	9529
072121	CLOCK REQUEST @ QUADGUID	T1=01554	SECONDS RUNNING	269631.864926	3119
063150	CLOCK REQUEST @ RADAREAD	T1=01562	SECONDS RUNNING	269631.864855	8762
072216	CLOCK REQUEST @ THRATTLE	T1=01611	SECONDS RUNNING	269632.095164	7716
006071	CLOCK REQUEST @ FINDCDLW	T1=01612	SECONDS RUNNING	269632.115546	8601
073473	CLOCK REQUEST @ P63DISPS	T1=01647	SECONDS RUNNING	269632.391317	2011
073476	CLOCK REQUEST @ ENDDLJCB	T1=01647	SECONDS RUNNING	269632.393198	3147
063073	CLOCK REQUEST @ LRLAT	T1=01707	SECONDS RUNNING	269632.719801	1117

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPY	DGY	THPUST	PCS	APOLU
LANDING	(STABLE MEMBER COORDS)			FCRVEL	LONG	PITCH	BALL-P	CDUY	QRATE	ATT-Y	DPPY	DGY	DELTA V	DPS	PERILU
	METRIC UNITS			ALTRATE	ALT	RCLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	DGZ	MASS	APS	
369632.7	174	569	- 43.5	1.47	- 14.5	0.83	- 1.43	0.31	- 0.07	- 0.08	- 0.32	296	5874	528.8	2.84
102:40:33	477	- 36.8	7.02	91.61	24.32	148.86	59.43	59.42	- 0.08	- 0.1	4	0	4761	461.5	-924.18
LANDING	- 17284	273.2	- 2.42	- 151.7	15087	- 7.35	1.76	0.31	0.12	0.30	- 484	6	21299	5189	

107441	CLOCK REQUEST @ READACCS	T1=01714	SECONDS RUNNING	269632.761178	4548
076266	CLOCK REQUEST @ SERVICER	T1=01715	SECONDS RUNNING	269632.773251	5578
063150	CLOCK REQUEST @ RADAREAD	T1=01721	SECONDS RUNNING	269632.814872	9130
006071	CLOCK REQUEST @ MUNGRAV	T1=01727	SECONDS RUNNING	269632.874414	4211
006071	CLOCK REQUEST @ MUNGRAV	T1=01741	SECONDS RUNNING	269632.977146	2977

DISPLAYS = 63 16 63 +192.1 -015.1 +154.2 269632.99939

006071	CLOCK REQUEST @ MUNGRAV	T1=01760	SECONDS RUNNING	269633.012483	5533
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TIME	AGC	REQ	DESCRIPTION	TIME	STATUS	TIME
063107		CLCK	REQUEST @ LRVEL	T1=0201	SECONDS RUNNING	369634.000009
063150		CLCK	REQUEST @ RADAREAD	T1=0221	SECONDS RUNNING	369634.000009
LMY99	AGC	001	NASA 2021112-(61) NEW SIMULATION	WARSKOT 20414415 /EYLES	LRRADAR20.FMVCNTEL 7/22/69 14:43	PAGE 311 /DUPLICATE LANDING LAST SNAP 369600
101757		CLCK	REQUEST @ RCGIMS	T1=02031	SECONDS RUNNING	369634.001197
063150		CLCK	REQUEST @ RADAREAD	T1=02033	SECONDS RUNNING	369634.054868
063150		CLCK	REQUEST @ RADAREAD	T1=02045	SECONDS RUNNING	369634.064961
063150		CLCK	REQUEST @ RADAREAD	T1=02057	SECONDS RUNNING	369634.075156
073121		CLCK	REQUEST @ QUADGUID	T1=02063	SECONDS RUNNING	369634.098691
063150		CLCK	REQUEST @ RADAREAD	T1=02071	SECONDS RUNNING	369634.0854871
072216		CLCK	REQUEST @ THROTTLE	T1=02120	SECONDS RUNNING	369634.088621
06071		CLCK	REQUEST @ EINCCDUW	T1=02121	SECONDS RUNNING	369634.098197
073473		CLCK	REQUEST @ REDDISRS	T1=02156	SECONDS RUNNING	369634.083562
073476		CLCK	REQUEST @ ENCLLJOB	T1=02156	SECONDS RUNNING	369634.086445
063073		CLCK	REQUEST @ LRLAT	T1=02217	SECONDS RUNNING	369634.0718241

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPX	DCX	TRPHST	PCS	APDU
LANDING	(STABLE MEMBER METRIC)	COORDS)	COORDS)	ECRVEL	LONG	PITCH	BALL-R	CDUY	GRATE	ATT-Y	DPY	DCY	DELTA V	DPS	REPLU
		UNITS		ALTRATE	ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	DGZ	MASS	ARS	
369634.07	1740481	- 43.8	1.49	- 17.0	24.33	148.62	59.17	59.17	0.15	0.15	0.15	0.15	4778	4567	924.63
102:40:35	4064	- 3.7	0.02	894.3	24.33	148.62	59.17	59.17	0.15	0.15	0.15	0.15	4778	4567	924.63
LANDING	16742	264.4	- 2.42	- 152.2	14783	- 0.53	0.24	0.26	0.15	0.10	- 485	0	20261	5186	

107441		CLCK	REQUEST @ REACACCS	T1=02224	SECONDS RUNNING	369634.0761174	5214								
076206		CLCK	REQUEST @ SERVICER	T1=02225	SECONDS RUNNING	369634.0775489	6436								
063150		CLCK	REQUEST @ RADAREAD	T1=02231	SECONDS RUNNING	369634.0814368	9796								
06071		CLCK	REQUEST @ MUNGRAV	T1=02237	SECONDS RUNNING	369634.0879428	5375								
06071		CLCK	REQUEST @ MUNGRAV	T1=02251	SECONDS RUNNING	369634.0979274	3826								
DISRLAYS =	63	06	63	+09.076	-15.07	+15.099									369634.000009
06071		CLCK	REQUEST @ MUNGRAV	T1=02274	SECONDS RUNNING	369634.012884	9496								
063107		CLCK	REQUEST @ LRVEL	T1=02320	SECONDS RUNNING	369634.0369831	7153								
063150		CLCK	REQUEST @ RADAREAD	T1=02333	SECONDS RUNNING	369634.0471257	5838								
101757		CLCK	REQUEST @ RCGIMS	T1=02341	SECONDS RUNNING	369634.0521169	6921								
063150		CLCK	REQUEST @ RADAREAD	T1=02344	SECONDS RUNNING	369634.055385	2941								
063150		CLCK	REQUEST @ RADAREAD	T1=02356	SECONDS RUNNING	369634.066439	2321								



063150	CLOCK REQUEST @ RADAREAD	T1=0237	SECONDS RUNNING	369636.764959	871
073121	CLOCK REQUEST @ QUADGUID	T1=02374	SECONDS RUNNING	369636.812435	476
063150	CLOCK REQUEST @ RADAREAD	T1=02412	SECONDS RUNNING	369636.864954	9404
072216	CLOCK REQUEST @ THROTTLE	T1=02431	SECONDS RUNNING	369636.96142	0123
006071	CLOCK REQUEST @ FINDCDLW	T1=02432	SECONDS RUNNING	369636.166515	0117
073473	CLOCK REQUEST @ P63DISPS	T1=02466	SECONDS RUNNING	369636.289391	4154
073476	CLOCK REQUEST @ ENDLJCB	T1=02467	SECONDS RUNNING	369636.392272	441
063073	CLOCK REQUEST @ LRALT	T1=02527	SECONDS RUNNING	369636.718236	2217

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	CGY	THRUST	RCS	APOLII
LANDING	(STABLE MEMBER CLORDS)	METRIC UNITS	FCRVEL	ALTRATE	LCAG	PITCH	BALL-P	CDUY	QRATE	ATT-Y	DPPY	DGY	DELTA V	DPS	PERILU
					ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	DCZ	MASS	APS	
369636.7	1740393	- 44.7	1.51	- 19.6	0.82	- 0.71	0.03	- 0.42	- 0.08	- 0.85	3.22	0	5886	528.8	2.75
102:40:37	4057	- 3.7	3.01	878.5	24.28	148.26	58.63	58.79	- 0.20	- 0.21	4		4795	452.8	- 925.07
LANDING	16209	263.6	- 2.42	- 152.5	14478	- 0.72	1.42	0.3	0.01	0.0	- 4.84		2.221	51.89	
107441	CLOCK REQUEST @ READACCS	T1=02534	SECONDS RUNNING	369636.761166	5851										
076206	CLOCK REQUEST @ SERVICER	T1=02535	SECONDS RUNNING	369636.776652	7212										
063150	CLOCK REQUEST @ RADAREAD	T1=02541	SECONDS RUNNING	369636.814875	6464										
006071	CLOCK REQUEST @ MUNGRAV	T1=02547	SECONDS RUNNING	369636.879674	5993										
006071	CLOCK REQUEST @ MUNGRAV	T1=02562	SECONDS RUNNING	369636.981696	4699										
DISPLAYS =	63	06	63		408921	- 1512	+14754								369637.01024
006071	CLOCK REQUEST @ MUNGRAV	T1=02604	SECONDS RUNNING	369637.0163471	0210										
063107	CLOCK REQUEST @ LRVEL	T1=02630	SECONDS RUNNING	369637.036860	7715										
063150	CLOCK REQUEST @ RADAREAD	T1=02642	SECONDS RUNNING	369637.049787	6349										
101757	CLOCK REQUEST @ RDGIMS	T1=02651	SECONDS RUNNING	369637.0531215	1591										
063150	CLOCK REQUEST @ RADAREAD	T1=02654	SECONDS RUNNING	369637.056830	4767										
063150	CLOCK REQUEST @ RADAREAD	T1=02666	SECONDS RUNNING	369637.064965	2996										
063150	CLOCK REQUEST @ RADAREAD	T1=02700	SECONDS RUNNING	369637.074353	1528										
073121	CLOCK REQUEST @ QUADGUID	T1=02704	SECONDS RUNNING	369637.081632	4950										

TIME	AGC	REQ	DESC	TIME	STATUS	TIME	PAGE
063150		CLCK	REQUEST @ RADAREAD	T1=12712	SECONDS RUNNING	369638.864862	313
LMY99	AGC	001	NASA 2021112-061 NEW SIMULATION	MARSROT 20414415 /CYLES	LPPADAR2. ENVCNTRF 7775/69 14:42	PAGE 369600	313
					/DUPLICATE LANDING LAST SNAP		
072216		CLCK	REQUEST @ THRGTTL	T1=02741	SECONDS RUNNING	369638.04561	666
006071		CLCK	REQUEST @ FINECCDUW	T1=02742	SECONDS RUNNING	369638.105102	563
073473		CLCK	REQUEST @ P63DISPS	T1=12776	SECONDS RUNNING	369638.389728	4851
073476		CLCK	REQUEST @ ENCLLJCB	T1=02777	SECONDS RUNNING	369638.392614	5197
063073		CLCK	REQUEST @ LRALY	T1=03037	SECONDS RUNNING	369638.719336	2978

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LΔVEL	LAT	YAW	BALL-R	CRUX	PRATE	ATT-X	DPPY	DGX	THRUST	RCS	APOLU
LANDING	(STABLE MEMBER METRIC UNITS)	COORDS)	ALTRATE	FURVEL	LONG	PITCH	BALL-P	CDUJ	CRATE	ATT-Y	DPPZ	DGY	DEITAV	OPS	PERILU
369638.7	1740315	- 44.2	1.53	- 22.0	1.82	- 0.59	1.15	- 0.59	- 0.08	- 0.87	306	0	59.1	528.8	2.7
102:40:39	4051	- 3.7	0.01	862.7	24.26	147.91	58.43	59.42	- 0.20	- 0.21	3	0	4P13	448.0	-925.50
LANDING	- 15686	258.8	- 2.42	- 152.8	14173	- 0.97	0.59	0.15	0.01	0.00	- 484	0	20163	5180	

107441		CLCK	REQUEST @ READACCS	T1=03044	SECONDS RUNNING	369638.761163	6547
076206		CLCK	REQUEST @ SERVICER	T1=03045	SECONDS RUNNING	369638.772979	7555
063150		CLCK	REQUEST @ RADARFAC	T1=03051	SECONDS RUNNING	369638.814876	1131
006071		CLCK	REQUEST @ MUNGRAV	T1=03157	SECONDS RUNNING	369638.874458	6215
006071		CLCK	REQUEST @ MUNGRAV	T1=03071	SECONDS RUNNING	369638.977486	5000
DISPLAYS =	63	06	03	+08766	-01515	+14489	369638.990012
006071		CLCK	REQUEST @ MUNGRAV	T1=03113	SECONDS RUNNING	369638.153905	8061
063107		CLCK	REQUEST @ LRVEL	T1=03140	SECONDS RUNNING	369638.367613	7700
063150		CLCK	REQUEST @ RADAREAD	T1=03151	SECONDS RUNNING	369638.454900	5766
101757		CLCK	REQUEST @ RDGIMS	T1=03160	SECONDS RUNNING	369638.524439	1680
063150		CLCK	REQUEST @ RADAREAD	T1=03163	SECONDS RUNNING	369638.554878	4277
063150		CLCK	REQUEST @ RADAREAD	T1=03175	SECONDS RUNNING	369638.654879	2811
063150		CLCK	REQUEST @ RADAREAD	T1=03207	SECONDS RUNNING	369638.757236	1545
073121		CLCK	REQUEST @ QUADGUID	T1=03213	SECONDS RUNNING	369638.796158	4966
063150		CLCK	REQUEST @ RADAREAD	T1=03221	SECONDS RUNNING	369638.854869	9876
072216		CLCK	REQUEST @ THROTTLE	T1=03251	SECONDS RUNNING	369638.185742	9578
006071		CLCK	REQUEST @ FINECCDUW	T1=03251	SECONDS RUNNING	369638.052903	3993
073473		CLCK	REQUEST @ P63DISPS	T1=03305	SECONDS RUNNING	369638.479141	4414

073476 CLCCK REQUEST @ ENDLJCB T1=0336 SECONDS RUNNING 369641.82944 4990  
 063073 CLCCK REQUEST @ LRALT T1=03347 SECONDS RUNNING 369641.718236 3551

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATF	ATT-X	DRPX	DGX	THFLST	PCS	APDLU							
LANDING	(STABLE	MEMBER	COORDS)	FCRVEL	LONG	PITCH	BALL-P	CDUY	ORATE	ATT-Y	DRRY	DGY	DELTA	MS	PERILU							
	METRIC	UNITS		ALT RATE	ALT	ROLL	BALL-Y	CDUZ	PRATE	ATT-Z	DRRZ	DGZ	MASS	ARS								
369640.7	1740216	-	44.3	1.55	-	23.1	0.82	-	0.68	0.06	-	0.69	-	0.03	-	0.98	31	0	0	528.8	2.65	
102:40:41	4.44	-	3.7	0.01	846.9	24.25	147.65	58.15	-	0.37	-	0.32	4	0	483	445	-	0.25	0.2			
LANDING	-	151.72	293.9	-	2.42	-	152.9	138.67	-	1.03	-	0.68	-	0.03	-	0.99	-	4.84	0	0	211.44	51.80

107441 CLCCK REQUEST @ READACCS T1=03354 SECONDS RUNNING 369641.761194 7211

076206 CLCCK REQUEST @ SERVICER T1=03355 SECONDS RUNNING 369641.774917 8397

063150 CLCCK REQUEST @ RADAREAD T1=03361 SECONDS RUNNING 369641.815909 1885

006071 CLCCK REQUEST @ MUNGRAV T1=03373 SECONDS RUNNING 369641.914911 1325

DISPLAYS = 63 06 63 +18611 -01518 +14183 369641.000008

006071 CLCCK REQUEST @ MUNGRAV T1=03406 SECONDS RUNNING 369641.22979 9555

006071 CLCCK REQUEST @ MUNGRAV T1=03427 SECONDS RUNNING 369641.0195739 4207

063107 CLCCK REQUEST @ LRVEL T1=03454 SECONDS RUNNING 369641.411951 1886

063150 CLCCK REQUEST @ RADAREAD T1=03465 SECONDS RUNNING 369641.404865 9823

101757 CLCCK REQUEST @ RDGINS T1=03475 SECONDS RUNNING 369641.0571203 6337

063150 CLCCK REQUEST @ RADAREAD T1=03477 SECONDS RUNNING 369641.594953 9355

063150 CLCCK REQUEST @ RADAREAD T1=03511 SECONDS RUNNING 369641.654980 6891

063150 CLCCK REQUEST @ RADAREAD T1=03523 SECONDS RUNNING 369641.704882 5424

073121 CLCCK REQUEST @ QUADGUIC T1=03532 SECONDS RUNNING 369641.865852 1480

063150 CLCCK REQUEST @ RADAREAD T1=03535 SECONDS RUNNING 369641.894857 3955

072216 CLCCK REQUEST @ THROTTLE T1=03567 SECONDS RUNNING 369642.156587 6291

006071 CLCCK REQUEST @ FINDCDUX T1=03573 SECONDS RUNNING 369642.167073 7184

073473 CLCCK REQUEST @ P63CISPS T1=03621 SECONDS RUNNING 369642.418883 9672

073476 CLCCK REQUEST @ ENDLJCB T1=03622 SECONDS RUNNING 369642.0423116 0033

063073 CLCCK REQUEST @ LRALT T1=03657 SECONDS RUNNING 369642.718236 4217

369642.7 1740127 - 44.6 1.55 - 23.8 0.82 - 0.65 0.11 - 0.75 - 0.03 - 1.09 312 589 528.8 2.6  
 102:40:43 4023 - 3.6 0.01 831.1 24.23 147.61 58.09 58.09 0.00 - 0.02 3 - 3 4927 4411 -926.33  
 LANDING - 14683 249.1 - 2.42 - 152.9 13251 - 1.08 0.75 0.10 0.02 0.00 - 484 3 20165 5189

107441 CLCK REQUEST @ READACCS T1=03664 SECONDS RUNNING 369642.761167 7880  
 076206 CLCK REQUEST @ SERVICER T1=03665 SECONDS RUNNING 369642.773259 8912  
 063150 CLCK REQUEST @ RADAREAD T1=03671 SECONDS RUNNING 369642.814869 2463  
 006071 CLCK REQUEST @ MUNGRAV T1=03677 SECONDS RUNNING 369642.877126 7776  
 006071 CLCK REQUEST @ MUNGRAV T1=03711 SECONDS RUNNING 369642.977155 6311

DISPLAYS = 63 06 63 +08458 -01518 +13878 369643.000010

006071 CLCK REQUEST @ MUNGRAV T1=03733 SECONDS RUNNING 369643.057809 1735  
 063107 CLCK REQUEST @ LRVEL T1=03760 SECONDS RUNNING 369643.063432 9274  
 063150 CLCK REQUEST @ RADAREAD T1=03771 SECONDS RUNNING 369643.054867 7074  
 101757 CLCK REQUEST @ RDGIMS T1=04001 SECONDS RUNNING 369643.031205 3590  
 063150 CLCK REQUEST @ RADAREAD T1=04003 SECONDS RUNNING 369643.056355 5603  
 063150 CLCK REQUEST @ RADAREAD T1=04015 SECONDS RUNNING 369643.054856 4142  
 063150 CLCK REQUEST @ RADAREAD T1=04027 SECONDS RUNNING 369643.058739 3007  
 073121 CLCK REQUEST @ QUADGUID T1=04133 SECONDS RUNNING 369643.079615 6230  
 063150 CLCK REQUEST @ RADAREAD T1=04041 SECONDS RUNNING 369643.054858 1279  
 072216 CLCK REQUEST @ THRUSTLE T1=04070 SECONDS RUNNING 369644.085142 0960  
 006071 CLCK REQUEST @ FINDCDW T1=04071 SECONDS RUNNING 369644.094720 1677  
 073473 CLCK REQUEST @ P63CISPS T1=04125 SECONDS RUNNING 369644.079331 5964  
 073476 CLCK REQUEST @ ENCLLJCB T1=04126 SECONDS RUNNING 369644.083134 5298  
 063073 CLCK REQUEST @ LRLAT T1=04167 SECONDS RUNNING 369644.0719802 5017

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-P	CDUX	PRATE	ATT-X	DPPX	DGX	THRUST	RCS	APOLU
LANDING	(STABLE MEMBER COORDS)	MFTRIC UNITS	ALTRATE	FCRVEL	LCAG	PITCH	BALL-P	CDUY	QRATE	ATT-Y	DPPY	DGY	DELTA V	DPS	PEPILU
					ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	DCZ	MASS	APS	
369644.7	1740133	- 44.6	1.55	- 23.8	0.82	- 0.62	0.14	- 0.82	- 0.03	- 1.09	312		58.5	528.8	2.55
102:40:45	4117	- 3.6	0.01	815.1	24.21	147.61	58.09	58.09	0.00	- 0.02	4		4927	4272	-926.73
LANDING	- 14189	244.3	- 2.42	- 153.0	13255	- 1.16	0.82	0.14	0.01	0.00	- 484		20165	5189	

107441	CLCCK REQUEST @ READACCS	T1=04174	SECONDS RUNNING	369644.761273	9556
076206	CLCCK REQUEST @ SERVICER	T1=04175	SECONDS RUNNING	369644.773484	9599
063150	CLCCK REQUEST @ RADAREAD	T1=04201	SECONDS RUNNING	369644.814877	3137
006071	CLCCK REQUEST @ MUNGRAV	T1=04207	SECONDS RUNNING	369644.873734	8153
006071	CLCCK REQUEST @ MUNGRAV	T1=04221	SECONDS RUNNING	369644.976406	6914
DISPLAYS =	63 06 63 +08301 -01516 +13572				369645.000011
006071	CLCCK REQUEST @ MUNGRAV	T1=04240	SECONDS RUNNING	369645.123438	9461
063107	CLCCK REQUEST @ LRVEL	T1=04270	SECONDS RUNNING	369645.360482	9689
063150	CLCCK REQUEST @ RADAREAD	T1=04301	SECONDS RUNNING	369645.455090	7762
101757	CLCCK REQUEST @ RDCIYS	T1=04310	SECONDS RUNNING	369645.523944	2637
063150	CLCCK REQUEST @ RADAREAD	T1=04313	SECONDS RUNNING	369645.554385	4278
063150	CLCCK REQUEST @ RADAREAD	T1=04325	SECONDS RUNNING	369645.656872	4810
063150	CLCCK REQUEST @ RADAREAD	T1=04337	SECONDS RUNNING	369645.757180	3540
073121	CLCCK REQUEST @ QUADGUIL	T1=04343	SECONDS RUNNING	369645.767207	6956
063150	CLCCK REQUEST @ RADAREAD	T1=04351	SECONDS RUNNING	369645.854983	1886
072216	CLCCK REQUEST @ THROTTLF	T1=04400	SECONDS RUNNING	369646.087180	1692
006071	CLCCK REQUEST @ FINECCUW	T1=04401	SECONDS RUNNING	369646.086631	2517
073473	CLCCK REQUEST @ P63DISPS	T1=04436	SECONDS RUNNING	369646.381768	6779
073476	CLCCK REQUEST @ ENDLJCB	T1=04436	SECONDS RUNNING	369646.383950	7025
063073	CLCCK REQUEST @ LRALT	T1=04477	SECONDS RUNNING	369646.718237	6550

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	DGY	THFLST	RCS	APBLU
LANDING	(STABLE MEMBER METRIC UNITS)	COORDS)	FORVEL	LONG	PITCH	BALL-P	CDUY	QRATE	ATT-Y	DPPY	DGY	DELTA V	DPS	APR ILU	
			ALTRATE	ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	DGZ	MASS	APS		
369646.7	1739946	- 44.7	1.56	- 25.3	0.82	- 0.81	35.96	- 0.91	- 0.04	- 1.23	314		59.8	52.808	2.49
102:40:47	4010	- 3.6	0.01	799.5	24.26	147.50	57.95	57.95	- 0.02	- 0.21	4		48.02	43.53	-927.13
LANDING	- 12704	23.95	- 2.42	- 153.7	12949	- 1.24	0.90	- 0.04	- 0.14	0.00	- 486	0	200.27	51.89	

107441 CLCCK REQUEST @ READACCS T1=04514 SECONDS RUNNING 369646.761182 9215



TIME	EVENT	T1	STATUS	VALUE	VALUE
06071	CLOCK REQUEST @ MUNGRAV	T1=05060	SECONDS RUNNING	369649.124704	0002
063107	CLOCK REQUEST @ LRVEL	T1=05110	SECONDS RUNNING	369649.263482	1278
063150	CLOCK REQUEST @ RADAREAD	T1=05120	SECONDS RUNNING	369649.454867	9076
101757	CLOCK REQUEST @ RDCIMS	T1=05131	SECONDS RUNNING	369649.531861	5646
063150	CLOCK REQUEST @ RADAREAD	T1=05133	SECONDS RUNNING	369649.554885	7611
063150	CLOCK REQUEST @ RADAREAD	T1=05145	SECONDS RUNNING	369649.654876	6144
063150	CLOCK REQUEST @ RADAREAD	T1=05157	SECONDS RUNNING	369649.758211	4962
073121	CLOCK REQUEST @ QUADGUIC	T1=05163	SECONDS RUNNING	369649.798975	8440
063150	CLOCK REQUEST @ RADAREAD	T1=05171	SECONDS RUNNING	369649.854884	3211

SNAPSHOT 369650 SECONDS RUNNING 369650.170061

072216	CLCCK REQUEST @ THRCITLLE	T1=05220	SECONDS RUNNING	369651.089907	3258
006071	CLCCK REQUEST @ FINDCDLW	T1=05221	SECONDS RUNNING	369651.099411	4077
073473	CLCCK REQUEST @ P63DISPS	T1=05256	SECONDS RUNNING	369651.0385021	8449
073476	CLCCK REQUEST @ ENDLJLJB	T1=05256	SECONDS RUNNING	369651.0387903	8695
063073	CLCCK REQUEST @ LRALT	T1=05317	SECONDS RUNNING	369651.0719316	6976

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME LANDING	R (STABLE MEMBER METRIC)	V (COORDS)	A (UNITS)	LATVEL FORVEL ALTRATE	LAT LCNG ALT	YAW PITCH ROLL	BALL-R BALL-P BALL-Y	CDUX CDUY CDUZ	PRATE ORATE RRATE	ATT-X ATT-Y ATT-Z	DPPX DPPY DPPZ	DGX DGY DGZ	THFICST DELTAV MASS	RCS DPS APS	APOLU PERILU
369650.7 102:40:51 LANDING	1739770 3958	- 3.5	44.8 2.01	1.6 767.8	26.5 24.17	0.82 146.96	- 7.73 57.39	1.06 1.05	- 1.05 57.39	- 0.03 0.07	- 1.31 0.32	321 3	5937 4917	528.8 4256	2.39 -927.90
	12764	229.8	- 2.43	- 152.8	12337	- 1.41	1.05	0.06	- 0.02	0.10	- 4.87	0	19549	5180	

1L7441	CLCCK REQUEST @ READACCS	T1=05324	SECONDS RUNNING	369651.0701158	546
076206	CLCCK REQUEST @ SERVICER	T1=05325	SECONDS RUNNING	369651.0773343	1585
063150	CLCCK REQUEST @ RADAREAD	T1=05331	SECONDS RUNNING	369651.0814877	5130
006071	CLCCK REQUEST @ MUNGRAV	T1=05337	SECONDS RUNNING	369651.0875299	286
006071	CLCCK REQUEST @ MUNGRAV	T1=05351	SECONDS RUNNING	369651.0079137	9147

DISPLAYS = 63 46 63 +07820 -01518 +12654 369651.000008

006071	CLCCK REQUEST @ MUNGRAV	T1=05373	SECONDS RUNNING	369651.156567	4288
063107	CLCCK REQUEST @ LRVEL	T1=05420	SECONDS RUNNING	369651.0363655	1959
063150	CLCCK REQUEST @ RADAREAD	T1=05431	SECONDS RUNNING	369651.0444861	9742
101757	CLCCK REQUEST @ RDGIMS	T1=05441	SECONDS RUNNING	369651.0531166	6754
063150	CLCCK REQUEST @ RADAREAD	T1=05443	SECONDS RUNNING	369651.0554910	8280
063150	CLCCK REQUEST @ RADAREAD	T1=05455	SECONDS RUNNING	369651.0654876	6810
063150	CLCCK REQUEST @ RADAREAD	T1=05467	SECONDS RUNNING	369651.0757153	5538
073121	CLCCK REQUEST @ QUADGUID	T1=05474	SECONDS RUNNING	369651.0811473	9320
063150	CLCCK REQUEST @ RADAREAD	T1=05511	SECONDS RUNNING	369651.0854859	3876
072216	CLCCK REQUEST @ THRCITLLE	T1=06531	SECONDS RUNNING	369652.0910156	3946
006071	CLCCK REQUEST @ FINDCDLW	T1=05531	SECONDS RUNNING	369652.09632	4753
073473	CLCCK REQUEST @ P63DISPS	T1=05566	SECONDS RUNNING	369652.0383662	9100



073476 CLCCK REQUEST @ ENCLLJCB T1=05566 SECONDS RUNNING 369652.386544 9246  
 063073 CLCCK REQUEST @ LRALT T1=05627 SECONDS RUNNING 369652.718237 7557

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	VAW	BALL-R	CDUX	PRATF	ATT-X	DppX	POX	TUFAST	R-S	APDLU								
LANDING	(STABLF	MEMBER	COORDS)	FORVEL	LONG	PITCH	BALL-P	CDUJ	QRATF	ATT-Y	DPZY	ICY	DELTA V	DPS	PERILU								
	METRIC	UNITS		ALTRATE	ALT	RCLL	BALL-Y	CDUZ	RRATF	ATT-Z	DPZ	PGZ	MASS	APS									
369652.7	1739680	-	44.9	1.61	-	27.2	0.82	-	1.83	356.98	-	1.13	-	0.03	-	1.42	323	0	5922	528.8	7.34		
102:40:53	3992	-	3.5	0.01	-	751.9	24.15	-	146.85	57.26	-	0.05	-	0.32	-	0.00	0	0	4924	4217	-928.07		
LANDING	-	12309	-	225.0	-	2.43	-	152.5	12032	-	1.50	-	1.12	-	0.02	-	0.05	0.00	-	486	0	19010	5180

107441 CLCCK REQUEST @ READACCS T1=05634 SECONDS RUNNING 369652.761183 1215  
 076206 CLCCK REQUEST @ SERVICE R T1=05635 SECONDS RUNNING 369652.775166 2470  
 063150 CLCCK REQUEST @ RADAREAC T1=05641 SECONDS RUNNING 369652.814916 5800  
 006071 CLCCK REQUEST @ MUNGRAV T1=05647 SECONDS RUNNING 369652.878615 1236  
 006071 CLCCK REQUEST @ MUNGRAV T1=05661 SECONDS RUNNING 369652.978268 9740

DISPLAYS = 63 06 63 +17674 -01516 +12348 369652.000007

006071 CLCCK REQUEST @ MUNGRAV T1=05703 SECONDS RUNNING 369653.159211 5180  
 063107 CLCCK REQUEST @ LRVEL T1=05730 SECONDS RUNNING 369653.367392 2945  
 063150 CLCCK REQUEST @ RADARFAC T1=05743 SECONDS RUNNING 369653.470914 1779  
 101757 CLCCK REQUEST @ RCGIMS T1=05751 SECONDS RUNNING 369653.531279 6920  
 062150 CLCCK REQUEST @ RADAREAC T1=05754 SECONDS RUNNING 369653.566742 9897  
 063150 CLCCK REQUEST @ RADARFAC T1=05766 SECONDS RUNNING 369653.664954 8328  
 063150 CLCCK REQUEST @ RADARFAC T1=06110 SECONDS RUNNING 369653.764889 6865  
 073121 CLCCK REQUEST @ QUAGUID T1=06103 SECONDS RUNNING 369653.799274 9799  
 063150 CLCCK REQUEST @ RADARFAC T1=06012 SECONDS RUNNING 369653.864872 5397  
 072216 CLCCK REQUEST @ THROTTLE T1=06141 SECONDS RUNNING 369654.02542 4824  
 006071 CLCCK REQUEST @ FINCCDUW T1=06142 SECONDS RUNNING 369654.03116 5726  
 073473 CLCCK REQUEST @ P63DISFS T1=06176 SECONDS RUNNING 369654.038674 6929  
 073476 CLCCK REQUEST @ ENCLLJOB T1=06176 SECONDS RUNNING 369654.038674 6929  
 063073 CLCCK REQUEST @ LRALT T1=06137 SECONDS RUNNING 369654.718237 8217

369654.7 1739590 - 44.9 1.62 - 27.7 0.82 - 0.84 35.97 - 1.27 - 0.13 - 1.53 325 0 5941 528.8 2.29  
 102:40:55 3985 - 3.5 0.01 736.1 24.14 146.76 57.16 57.16 - 0.04 - 0.21 2 0 4952 4178 -928.64  
 LANDING - 11863 220.1 - 2.44 - 152.3 11727 - 1.58 1.20 - 0.13 0.13 0.01 - 487 0 19671 5180

107441	CLCK	REQUEST @	READACCS	T1=06144	SECONDS	RUNNING	369654.761170	1881
076206	CLCK	REQUEST @	SERVICER	T1=06145	SECONDS	RUNNING	369654.775356	3091
063150	CLCK	REQUEST @	RADAREAD	T1=06141	SECONDS	RUNNING	369654.814879	6464
006071	CLCK	REQUEST @	MUNGRAV	T1=06157	SECONDS	RUNNING	369654.979238	1056
006071	CLCK	REQUEST @	MUNGRAV	T1=06171	SECONDS	RUNNING	369654.979830	0540
DISPLAYS =	63	6	63	+07519	-01513	+12042		369655.000017
006071	CLCK	REQUEST @	MUNGRAV	T1=06214	SECONDS	RUNNING	369655.162426	6121
063107	CLCK	REQUEST @	LRVEL	T1=06240	SECONDS	RUNNING	369655.367183	3594
063150	CLCK	REQUEST @	RADAREAD	T1=06252	SECONDS	RUNNING	369655.469763	2347
101757	CLCK	REQUEST @	ROGIMS	T1=06261	SECONDS	RUNNING	369655.531216	7591
063150	CLCK	REQUEST @	RADAREAD	T1=06264	SECONDS	RUNNING	369655.565672	0532
063150	CLCK	REQUEST @	RADAREAD	T1=06276	SECONDS	RUNNING	369655.664857	8995
063150	CLCK	REQUEST @	RADAREAD	T1=06310	SECONDS	RUNNING	369655.764862	7529
073121	CLCK	REQUEST @	QUADGUIC	T1=06314	SECONDS	RUNNING	369655.863995	0868
063150	CLCK	REQUEST @	RADAREAD	T1=06322	SECONDS	RUNNING	369655.864937	6069
072216	CLCK	REQUEST @	THRITTLE	T1=06351	SECONDS	RUNNING	369656.029600	5527
006071	CLCK	REQUEST @	FINDCDUW	T1=06352	SECONDS	RUNNING	369656.113381	6416
073473	CLCK	REQUEST @	063DISPS	T1=06406	SECONDS	RUNNING	369656.389142	1792
073476	CLCK	REQUEST @	ENDLLJCR	T1=06407	SECONDS	RUNNING	369656.501024	1038
063073	CLCK	REQUEST @	LRLAT	T1=06447	SECONDS	RUNNING	369656.719751	0113

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-P	CDUX	PRATE	ATT-X	DPX	DGX	TRFUST	RCS	APOLU
LANDING	(STABLE MEMBER METRIC UNITS)	(COORDS)	(COORDS)	ORVEL ALT RATE	LONG ALT	PITCH ROLL	BALL-R BALL-Y	CDUY CDUZ	QRATE RRATE	ATT-Y ATT-Z	DPY DPPZ	DCY DCZ	DFLTAV MASS	DPS APS	PERILU
369656.7	1739590	- 44.9	1.63	- 27.2	0.82	- 0.71	0.11	- 1.27	- 0.13	- 1.53	327	0	5942	528.8	2.29
102:40:57	3979	- 3.5	0.01	736.1	24.12	146.72	57.1	57.1	- 0.2	- 0.21	2	0	4952	4178	-928.64
LANDING	- 11427	215.3	- 2.44	- 151.9	11427	- 1.66	1.27	0.13	0.13	0.1	- 487	0	19672	5180	

107441	CLCCK REQUEST @ READACCS	T1=06454	SECONDS RUNNING	369656.761265	2555
076206	CLCCK REQUEST @ SERVICER	T1=06455	SECONDS RUNNING	369656.773497	2599
063150	CLCCK REQUEST @ RADAREAD	T1=06461	SECONDS RUNNING	369656.814855	7129
006071	CLCCK REQUEST @ MUNGRAV	T1=06467	SECONDS RUNNING	369656.874464	2215
006071	CLCCK REQUEST @ MUNGRAV	T1=06501	SECONDS RUNNING	369656.977465	1005

DISPLAYS = 63 06 63 +7363 -01511 +11737

369657.000007

006071	CLCCK REQUEST @ MUNGRAV	T1=06520	SECONDS RUNNING	369657.124437	3546
063107	CLCCK REQUEST @ LRVEL	T1=06550	SECONDS RUNNING	369657.363486	3945
063150	CLCCK REQUEST @ RADAREAD	T1=06561	SECONDS RUNNING	369657.455165	1760
101757	CLCCK REQUEST @ RDGIMS	T1=06671	SECONDS RUNNING	369657.521203	8257
063150	CLCCK REQUEST @ RADAREAD	T1=06573	SECONDS RUNNING	369657.556935	1282
063150	CLCCK REQUEST @ RADAREAD	T1=06605	SECONDS RUNNING	369657.654870	8811
063150	CLCCK REQUEST @ RADAREAD	T1=06617	SECONDS RUNNING	369657.757122	7535
073121	CLCCK REQUEST @ QUADGUIDE	T1=06623	SECONDS RUNNING	369657.769127	1121
063150	CLCCK REQUEST @ RADAREAD	T1=06631	SECONDS RUNNING	369657.854871	5876
072216	CLCCK REQUEST @ THROTTLE	T1=06660	SECONDS RUNNING	369658.00177	5862
006071	CLCCK REQUEST @ FINDCDUW	T1=06661	SECONDS RUNNING	369658.008645	6679
073473	CLCCK REQUEST @ P63DISPS	T1=06716	SECONDS RUNNING	369658.383492	6986
073476	CLCCK REQUEST @ ENDLLJCB	T1=06716	SECONDS RUNNING	369658.386374	1231
063973	CLCCK REQUEST @ LRAL_T	T1=06757	SECONDS RUNNING	369658.716237	9550

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LPS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-P	CDUX	PRATE	ATT-X	DPPX	DEX	THEUST	PCS	APDLU
LANDING	(STABLE	MEMBER	COORDS)	FORVEL	LCNG	PITCH	BALL-P	CDUY	QRATE	ATT-Y	DPPY	DGY	DELTA	DPS	PERILU
	METRIC	UNITS		ALTRATE	ALT	ROLL	BALL-Y	CDUZ	PRATE	ATT-Z	DPPZ	EGZ	MASS	APS	
369658.7	1739410	- 44.8	1.64	- 28.7	1.82	- 0.86	359.97	- 1.35	- 0.93	- 1.64	328	0	5068	52.08	2.10
102:40:59	3573	- 3.5	1.61	704.1	24.11	146.57	56.93	56.93	- 0.13	- 1.01	4	0	4987	48.48	-929.35
LANDING	- 11000	217.4	- 2.44	- 151.6	11119	- 1.75	1.34	- 0.02	- 0.12	1.81	- 488	0	19792	5190	

107441	CLCCK REQUEST @ READACCS	T1=06764	SECONDS RUNNING	369658.761159	2215
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TIME	AGC	Q01	NASA 2021112-061 NEW SIMULATION	MARSROT 20414415 /FYLES	LRP ADAR2.FUNCNTFL 7/23/69 14:43	PAGE 323	
LANDING	AGC	Q01	NASA 2021112-061 NEW SIMULATION	MARSROT 20414415 /FYLES	/DUPLICATE LANDING	LAST SNAP 369650	
076206						4448	
063150						7795	
006071						3257	
006071						1773	
DISPLAYS =	63	06	03	+07206	-01508	+11431	369650.000007
006071						7402	
063107						4955	
063150						3811	
101757						8923	
063150						1824	
063150						11328	
063150						8843	
073121						1732	
063150						7395	
072216						6754	
006071						7659	
073473						1732	
073476						1978	
063073						0217	

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, IFS

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	RPATE	ATT-X	DRRX	DGX	THRUST	RCS	ARLU
LANDING	(STABLE MEMBER METRIC)	(MEMBER UNITS)	(COORDS)	(FORVEL ALTRATE)	(LONG ALT)	(PITCH ROLL)	(BALL-R BALL-Y)	(CDUY CDUZ)	(ORATE RPATE)	(ATT-Y ATT-Z)	(DRRY DRRZ)	(DGY DGZ)	(DELTA V MASS)	(DPS ARS)	(PERILU)
369660.7	1739321	-44.8	1.65	-29.1	1.82	-0.90	359.95	-1.42	-0.03	-1.75	332	0	5977	528.8	2.13
10241:1	3967	-3.4	1.01	688.1	24.09	146.44	56.79	56.78	-0.05	-0.1	2	0	5974	406.1	-929.69
LANDING	10584	205.5	-2.45	-151.1	17816	-1.83	1.42	-0.04	-0.05	-0.00	-457	0	19754	518.0	

107441															3852
076206															4951
063150															8464
006071															3746
006071															0445
DISRLAYS =	63	06	63	+07051	-01504	+11128									369661.000019
LMY99	AGC	001	NASA 2021112-061 NEW SIMULATION	MARSROT 20414415 /FYLES	LRP ADAR2.FUNCNTFL 7/23/69 14:43	PAGE 324									
					/DUPLICATE LANDING	LAST SNAP 369650									

006071	CLCCK REQUEST @ MUNGRAV	T1=7321	SECONDS RUNNING	369661.011293	8025
DISPLAYS =	63 06 63	+1751 -01504 +1112			
LMY99	AGC 001 NASA 2021112-061 NEW SIMULATION	MARSFOT 20414415 ZEYLES	LRRADAR2, ENVNTEL 7/25/89 14:43	PAGE 324	369661.011019
			/DUPLICATE LANDING	LAST SNAP	369650
006071	CLCCK REQUEST @ MUNGRAV	T1=07344	SECONDS RUNNING	369661.0161293	8025
063107	CLCCK REQUFST @ LRVEL	T1=07370	SECONDS RUNNING	369661.0366874	5567
063150	CLCCK REQUEST @ RACAREAD	T1=07402	SECONDS RUNNING	369661.0469814	4352
101757	CLCCK PEQUEST @ RDCIMS	T1=07411	SECONDS RUNNING	369661.0531220	9502
063150	CLCCK REQUEST @ RADAREAD	T1=07414	SECONDS RUNNING	369661.0566186	2567
063150	CLCCK REQUEST @ RADAREAD	T1=07426	SECONDS RUNNING	369661.0664862	0996
063150	CLCCK PEQUEST @ RACAPEAD	T1=07440	SECONDS RUNNING	369661.0764855	9529
073121	CLCCK REQUFST @ QUADGUID	T1=07444	SECONDS RUNNING	369661.0803323	2811
063150	CLCCK REQUEST @ RADAREAD	T1=07452	SECONDS RUNNING	369661.0864872	8763
072216	CLCCK REQUEST @ THRCTILE	T1=07501	SECONDS RUNNING	369662.093538	7576
006071	CLCCK REQUEST @ FINDCDUW	T1=07502	SECONDS RUNNING	369662.14037	8472
073473	CLCCK PEQUFEST @ P63DISPS	T1=07536	SECONDS RUNNING	369662.0388371	2735
073476	CLCCK REQUEST @ ENDLJCB	T1=07537	SECONDS RUNNING	369662.0391253	2981
063073	CLCCK REQUEST @ LRALT	T1=07577	SECONDS RUNNING	369662.0719173	964

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, MPH, SFC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	PGX	TRFUST	RCS	APCLU
LANDING	(STABLE MEMBER COORDS)	METRIC UNITS	FCRVEL	LCNG	PITCH	BALL-P	CDUY	QPATE	ATT-Y	DPPY	PGY	DELTA V	OPS	PEPILU	
			ALTRATE	ALT	ROLL	BALL-Y	COUZ	RRATE	ATT-Z	DPPZ	PGZ	MASS	APS		
369662.7	1735231	- 44.7	1.66	- 27.1	0.82	- 0.90	359.96	- 1.28	0.08	- 1.64	334	0	507	528.8	2.08
102:41:3	3561	- 3.4	0.01	672.1	24.08	146.34	56.68	56.67	0.08	- 0.00	2	0	5022	4.21	-920.03
LANDING	10177	200.6	- 2.45	- 150.6	10514	- 1.71	1.28	- 0.03	- 0.00	0.00	- 493	0	10714	5180	

107441	CLCCK REQUEST @ READACCS	T1=7604	SECONDS RUNNING	369662.0761253	4554
076206	CLCCK REQUEST @ SERVICEK	T1=07605	SECONDS RUNNING	369662.0772597	5522
063150	CLCCK REQUEST @ RADAREAD	T1=07611	SECONDS RUNNING	369662.0814872	9130
006071	CLCCK PEQUFEST @ MUNGRAV	T1=07617	SECONDS RUNNING	369662.0873168	4105
006071	CLCCK REQUEST @ MUNGRAV	T1=07631	SECONDS RUNNING	369662.0976265	2912
DISPLAYS =	63 06 63	+06896 -01501 +11825			369663.011006
006071	CLCCK REQUEST @ MUNGRAV	T1=07650	SECONDS RUNNING	369663.0122902	5415
063107	CLCCK REQUEST @ LRVEL	T1=07700	SECONDS RUNNING	369663.036118	5557

063150

CLCKC REQUEST @ RADAREAD

T1=07711

SECONDS RUNNING

369663.054886

3745

LMY99	AGC	001	NASA 2021112-061 NEW SIMULATION	MARSFOT 20414415 /EYLF5	LRRADAR2.0.FUNCNTL 07/23/69 14:42	PAGE 325
					/DUPLICATE LANDING	LAST SNAP 369650
101757	CLCKC	REQUEST @	RDGIMS	T1=07720	SECONDS RUNNING	369663.0523896 9633
063150	CLCKC	REQUEST @	RADAREAD	T1=07723	SECONDS RUNNING	369663.0554866 2276
063150	CLCKC	REQUEST @	RADAREAD	T1=07735	SECONDS RUNNING	369663.0654854 0808
063150	CLCKC	REQUEST @	RADARFAD	T1=07747	SECONDS PUNNING	369663.0757245 9546
073121	CLCKC	REQUEST @	CJADGUIC	T1=07753	SECONDS RUNNING	369663.0796805 2922
063150	CLCKC	REQUEST @	RADAREAD	T1=07761	SECONDS RUNNING	369663.0854947 7883
072216	CLCKC	REQUEST @	THRQTTLE	T1=10010	SECONDS RUNNING	369664.088113 7780
006071	CLCKC	REQUEST @	FINCCDLW	T1=10011	SECONDS PUNNING	369664.097680 8596
073473	CLCKC	REQUEST @	P63DISPS	T1=10046	SECONDS PUNNING	369664.0861436 2817
073476	CLCKC	REQUEST @	ENELLJCB	T1=10046	SECONDS RUNNING	369664.084318 2756
063073	CLCKC	REQUEST @	LRALT	T1=10007	SECONDS RUNNING	369664.078238 1561

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	DX	THRUST	PCS	APOLU
LANDING	(STABLE MEMBER METRIC	COORDS	COORDS	FORVEL	LONG	PITCH	BALL-P	CDUY	GRATE	ATT-Y	DPPY	DGY	DFLTAV	DPS	PEPILU
	UNITS			ALTRATE	ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	EGZ	MASS	APS	
369664.7	1739142	- 44.6	1.67	- 24.6	0.82	- 0.95	35.93	- 1.12	0.08	- 1.42	335	0	5974	528.8	2.13
102:41: 5	3955	- 3.4	1.01	656.2	24.17	146.21	56.54	- 0.02	- 0.11	2	0	0	514	3981	-930.35
LANDING -	5780	195.7	- 2.46	- 15.0	1.214	- 1.55	1.11	- 0.06	0.03	0.10	- 491		19675	5184	

107441	CLCKC	REQUEST @	READACCS	T1=10114	SECONDS RUNNING	369664.0761175 5215									
076206	CLCKC	REQUEST @	SERVICER	T1=10115	SECONDS RUNNING	369664.0775784 6461									
063150	CLCKC	REQUEST @	RADAREAD	T1=10121	SECONDS RUNNING	369664.0814876 9797									
006071	CLCKC	REQUEST @	MUNGRAV	T1=10127	SECONDS PUNNING	369664.0879372 5311									
006071	CLCKC	REQUEST @	MUNGRAV	T1=10141	SECONDS RUNNING	369664.0978287 3741									
DISPLAYS =	63	06	63	+ 6737	-01496	+17523									369665.000003
006071	CLCKC	REQUEST @	MUNGRAV	T1=10163	SECONDS PUNNING	369665.0158989 9161									
063107	CLCKC	REQUEST @	LRVEL	T1=10211	SECONDS PUNNING	369665.0367171 4926									
063150	CLCKC	REQUEST @	RADAREAD	T1=10223	SECONDS RUNNING	369665.0471929 5780									
101757	CLCKC	REQUEST @	RDGIMS	T1=10231	SECONDS RUNNING	369665.0531186 1922									
063150	CLCKC	REQUEST @	RADAREAD	T1=10234	SECONDS RUNNING	369665.0544866 2705									
063150	CLCKC	REQUEST @	RADAREAD	T1=10246	SECONDS RUNNING	369665.0644378 2320									

LMY99	AGC	001	NASA 2021112-061 NEW SIMULATION	MARSFOT 20414415 /EYLF5	LRRADAR2.0.FUNCNTL 07/23/69 14:43	PAGE 326
					/DUPLICATE LANDING	LAST SNAP 369650

LMY99	AGC	001	NASA 2/21112-061	NEW SIMULATION	MARSROT 2/414415 /EYLES	LRPADAP2, ENVCONTPL	7/22/74	14:43	PAGE	326
						/DUPLICATE	LANDING	LAST	SNAP	369650
063150	CLCCK	REQUEST	@	RADAREAD		T1=10261	SECONDS	RUNNING	369665.764864	0863
073121	CLCCK	REQUEST	@	QUADGUID		T1=1 263	SECONDS	RUNNING	369665.796565	3568
063150	CLCCK	REQUEST	@	RACARFAC		T1=10272	SECONDS	RUNNING	369665.864962	0404
072216	CLCCK	REQUEST	@	THROTTLE		T1=10321	SECONDS	RUNNING	369666.917114	8754
006071	CLCCK	REQUEST	@	FINDCCUW		T1=1 322	SECONDS	RUNNING	369666.102280	9655
073473	CLCCK	REQUEST	@	P63DISPS		T1=10356	SECONDS	RUNNING	369666.386429	3973
073476	CLCCK	REQUEST	@	ENDLLJOB		T1=10356	SECONDS	RUNNING	369666.389313	4149
063073	CLCCK	REQUEST	@	LRAIT		T1=10417	SECONDS	RUNNING	369666.718238	2217

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-P	CDUX	PRATE	ATT-X	DPPX	DGX	THELST	PCS	APDUU
LANDING	(STABLE MEMBER METRIC UNITS)	(COORDS)	FORVEL	LCNG	PITCH	BALL-P	CDUY	QRATE	ATT-Y	DPPY	DGY	DELTA V	DPS	DPS	PER ILU
			ALTRATE	ALT	ROLL	BALL-Y	CUZ	RRATE	ATT-Z	DPPZ	DCZ	MASS	APS		
369666.7	1739053	- 44.5	1.68	- 22.2	0.82	- 0.82	0.08	- 0.93	0.08	- 1.31	328	0	5095	52808	1.008
102:41:7	3949	- 3.4	0.01	64.01	24.05	146.27	56.59	0.03	0.13	3	0	5.58	3542	-93.67	
LANDING	- 9393	19.8	- 2.47	- 149.4	9914	- 3.38	0.93	0.07	0.01	0.13	- 496	0	10626	5189	
107441	CLCCK	REQUEST	@	READACCS		T1=10424	SECONDS	RUNNING	369666.761162	588					
076206	CLCCK	REQUEST	@	SERVICER		T1=10425	SECONDS	RUNNING	369666.776350	7176					
063150	CLCCK	REQUEST	@	RADAREAD		T1=10431	SECONDS	RUNNING	369666.814863	0462					
006071	CLCCK	REQUEST	@	MUNGRAV		T1=10440	SECONDS	RUNNING	369666.881279	6130					
006071	CLCCK	REQUEST	@	MUNGRAV		T1=10452	SECONDS	RUNNING	369666.981853	4712					
DISPLAYS =	63	06	63		+06584	-01488	+10221								369667.000015
006071	CLCCK	REQUEST	@	MUNGRAV		T1=10474	SECONDS	RUNNING	369667.163915	0248					
063107	CLCCK	REQUEST	@	LRVEL		T1=10520	SECONDS	RUNNING	369667.369756	7813					
063150	CLCCK	REQUEST	@	RADAREAD		T1=10532	SECONDS	RUNNING	369667.469795	6300					
101757	CLCCK	REQUEST	@	RDGIMS		T1=10541	SECONDS	RUNNING	369667.521202	1590					
063150	CLCCK	REQUEST	@	RADAREAD		T1=10544	SECONDS	RUNNING	369667.566413	4595					
063150	CLCCK	REQUEST	@	RADAREAD		T1=10556	SECONDS	RUNNING	369667.664873	2997					
063150	CLCCK	REQUEST	@	RADAREAD		T1=10570	SECONDS	RUNNING	369667.764911	1532					

073121	CLOCK REQUEST @ QUADGUID	T1=10574	SECONDS RUNNING	369667.0135504	4997
063150	CLOCK REQUEST @ RADAREAD	T1=1062	SECONDS RUNNING	369667.0864927	4768
LMY99	AGC 001 NASA 2021112-(061) NEW SIMULATION	MARSRTC 20414415 /FYLES	LPRADAR2.ENVCTRL 07/23/69 14:43	PAGE 327	369650
			/DUPLICATE LANDING	LAST SNAP	
072216	CLOCK REQUEST @ THROTTLE	T1=10631	SECONDS RUNNING	369668.095809	9770
006071	CLOCK REQUEST @ FINDCDUW	T1=10632	SECONDS RUNNING	369668.106336	6658
073473	CLOCK REQUEST @ P63DISPS	T1=10667	SECONDS RUNNING	369669.0391741	5023
073476	CLOCK REQUEST @ ENDLLOCB	T1=10667	SECONDS RUNNING	369668.0364623	5269
063073	CLOCK REQUEST @ LRALT	T1=10727	SECONDS RUNNING	369668.0719805	3018

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	PALL-R	CDUX	PRATE	ATT-X	DPPX	DCX	THRUST	RCS	APDLU
LANDING	(STABLE METRIC	MEMBER UNITS	COORDS)	FCRVEL	LONG	PITCH	PALL-P	CDUY	ORATE	ATT-Y	DPPY	DGY	DELTAV	OPS	PERILU
				ALTRATE	ALT	RCLL	BALL-Y	CDUZ	RPATE	ATT-Z	DPPZ	DGZ	MASS	APS	
369668.7	1738964	- 44.3	1.68	- 2.00	0.82	- 0.84	0.07	- 0.75	0.08	- 1.09	338	0	5982	528.8	1.92
102:41:9	3543	- 3.4	0.01	624.0	24.04	146.27	56.57	56.56	- 0.03	- 0.11	4	0	5176	3903	- 93.09
LANDING -	9015	185.9	- 2.47	- 148.8	5616	- 1.22	0.75	0.07	- 0.01	0.10	- 495	0	10596	5189	
107441	CLOCK REQUEST @ READACCS	T1=10734	SECONDS RUNNING	369668.071346	6562										
076206	CLOCK REQUEST @ SERVICER	T1=10735	SECONDS RUNNING	369668.0773546	7604										
063150	CLOCK REQUEST @ RADAREAD	T1=10741	SECONDS RUNNING	369668.0814863	1120										
006071	CLOCK REQUEST @ MUNGRAV	T1=10747	SECONDS RUNNING	369668.0874226	6195										
006071	CLOCK REQUEST @ MUNGRAV	T1=10761	SECONDS RUNNING	369668.0977327	4993										
DISPLAYS =	63	06	63	+16424	-11480	+19921									369669.000016
006071	CLOCK REQUEST @ MUNGRAV	T1=11000	SECONDS RUNNING	369669.024273	7532										
063107	CLOCK REQUEST @ LRVEL	T1=11030	SECONDS RUNNING	369669.036407	7995										
063150	CLOCK REQUEST @ RADAREAD	T1=11041	SECONDS RUNNING	369669.0455123	5765										
101757	CLOCK REQUEST @ RDGIMS	T1=11051	SECONDS RUNNING	369669.0531222	2258										
063150	CLOCK REQUEST @ RADAREAD	T1=11053	SECONDS RUNNING	369669.0554877	4277										
063150	CLOCK REQUEST @ RADAREAD	T1=11065	SECONDS RUNNING	369669.0654891	2812										
063150	CLOCK REQUEST @ RADAREAD	T1=11077	SECONDS RUNNING	369669.0757261	1547										
073121	CLOCK REQUEST @ QUADGUID	T1=11103	SECONDS RUNNING	369669.0797443	4970										
063150	CLOCK REQUEST @ RADAREAD	T1=11111	SECONDS RUNNING	369669.0854853	9875										
072216	CLOCK REQUEST @ THROTTLE	T1=11140	SECONDS RUNNING	369670.088762	9325										
006071	CLOCK REQUEST @ FINDCDUW	T1=11141	SECONDS RUNNING	369670.098433	658										
073473	CLOCK REQUEST @ P63DISPS	T1=11176	SECONDS RUNNING	369670.092409	4897										
LMY99	AGC 001 NASA 2021112-(061) NEW SIMULATION	MARSRTC 20414415 /FYLES	LPRADAR2.ENVCTRL 07/23/69 14:43	PAGE 328	369650										
			/DUPLICATE LANDING	LAST SNAP											



073476 CLCCK REQUEST @ ENCLLJOB T1=11176 SECONDS RUNNING 369670.365331 5142  
 063073 CLCCK REQUEST @ LRLAT T1=11237 SECONDS RUNNING 369670.718238 3551

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-P	CDUX	PRA TE	ATT-X	DPPX	DCX	TRFUST	RCS	APDLU
LANDING	(STABLE MEMBER	COORDS)		FORVEL	LONG	PITCH	BALL-P	CDUY	GRATE	ATT-Y	DPPY	DGY	DELTA V	DPS	PER ILU
	METRIC	UNITS		ALTRATE	ALT	ROLL	BALL-Y	CDUZ	RPATE	ATT-Z	DPPZ	DGZ	MASS	APS	
369670.7	1738875	- 44.2	1.70	- 17.7	0.82	- 0.63	1.31	- 0.58	0.09	- 0.87	339	0	60.1	528.8	1.87
102:41:11	3937	- 3.3	0.02	0.78	24.03	146.05	56.38	56.38	- 0.16	- 0.00	4	0	5004	3863	-931.29
LANDING	- 8648	180.9	- 2.48	- 148.1	9319	- 1.05	0.57	0.30	0.18	0.00	- 4.95	0	1957	5189	

107441 CLCCK REQUEST @ READACCS T1=11244 SECONDS RUNNING 369670.761214 7218

076206 CLCCK REQUEST @ SERVICER T1=11245 SECONDS RUNNING 369670.775903 8394

063150 CLCCK REQUEST @ RACAREAC T1=11251 SECONDS RUNNING 369670.814877 1797

006071 CLCCK REQUEST @ MUNGRAV T1=11257 SECONDS RUNNING 369670.878057 7188

006071 CLCCK REQUEST @ MUNGRAV T1=11271 SECONDS RUNNING 369670.977131 5624

DISPLAYS = 63 6 63 +16266 -01473 +09622 369670.99037

006071 CLCCK REQUEST @ MUNGRAV T1=11313 SECONDS RUNNING 369670.158705 1127

063107 CLCCK REQUEST @ LPVFL T1=11340 SECONDS RUNNING 369670.366617 8879

063150 CLCCK REQUEST @ RACAREAD T1=11353 SECONDS RUNNING 369670.471247 7807

101757 CLCCK REQUEST @ RDCIMS T1=11361 SECONDS RUNNING 369670.531163 2920

063150 CLCCK REQUEST @ RADAREAD T1=11364 SECONDS RUNNING 369670.664862 5796

063150 CLCCK REQUEST @ RACAREAD T1=11376 SECONDS RUNNING 369670.664854 4328

063150 CLCCK REQUEST @ RACAREAD T1=11410 SECONDS RUNNING 369670.764860 2862

073121 CLCCK REQUEST @ QUADGUID T1=11413 SECONDS RUNNING 369670.797923 5684

063150 CLCCK REQUEST @ RACAREAD T1=11422 SECONDS RUNNING 369670.864876 1397

072216 CLCCK REQUEST @ THROTTLE T1=11451 SECONDS RUNNING 369672.019573 1109

006071 CLCCK REQUEST @ FINDCDUW T1=11452 SECONDS RUNNING 369672.016336 20.2

073473 CLCCK REQUEST @ P63DISPS T1=11507 SECONDS RUNNING 369672.390886 6266

073476 CLCCK REQUEST @ ENCLLJOB T1=11507 SECONDS RUNNING 369672.39357 6512

163073 CLCCK REQUEST @ LRLAT T1=11547 SECONDS RUNNING 369670.718238 6217

369672.7 1738787 - 44.0 1.71 - 15.4 0.82 - 0.43 0.51 - 0.39 0.8 - 0.76 342 0 5112 528.0 1.82  
 102:41:13 3931 - 3.3 0.03 591.8 24.07 145.93 56.21 56.21 - 0.00 - 0.21 8 0 5112 528.0 -931.59  
 LANDING - 8290 176.0 - 2.48 - 147.4 9023 - 0.87 0.39 0.50 0.11 0.32 - 496 0 10517 5180

107441	CLCCK REQUEST @ READACCS	T1=11554	SECONDS RUNNING	369672.761192	7883
076206	CLCCK REQUEST @ SERVICER	T1=11555	SECONDS RUNNING	369672.776447	9184
063150	CLCCK REQUEST @ RADAREAD	T1=11561	SECONDS RUNNING	369672.815042	2478
006071	CLCCK REQUEST @ MUNGRAV	T1=11573	SECONDS RUNNING	369672.918106	1273
DISPLAYS =	63 16 63 +06118 -11467 +09325				369673.000030
006071	CLCCK REQUEST @ MUNGRAV	T1=11611	SECONDS RUNNING	369673.059535	3341
006071	CLCCK REQUEST @ MUNGRAV	T1=11630	SECONDS RUNNING	369673.201868	5487
063107	CLCCK REQUEST @ LRVEL	T1=11654	SECONDS RUNNING	369673.401900	3170
063150	CLOCK REQUEST @ RADAREAD	T1=11667	SECONDS RUNNING	369673.512106	1952
101757	CLCCK REQUEST @ RDGIMS	T1=11675	SECONDS RUNNING	369673.575118	7338
063150	CLCCK REQUEST @ RADAREAD	T1=11700	SECONDS RUNNING	369673.615737	9950
063150	CLCCK REQUEST @ RADAREAD	T1=11712	SECONDS RUNNING	369673.704873	8410
063150	CLCCK REQUEST @ RADAREAD	T1=11724	SECONDS RUNNING	369673.814853	6947
073121	CLCCK REQUEST @ QUADGUID	T1=11733	SECONDS RUNNING	369673.872805	2748
063150	CLCCK REQUEST @ RADAREAD	T1=11736	SECONDS RUNNING	369673.904870	5476
072216	CLCCK REQUEST @ THRCTL	T1=11771	SECONDS RUNNING	369674.170273	9124
006071	CLCCK REQUEST @ FINDCCUW	T1=11771	SECONDS RUNNING	369674.179828	8940
073473	CLCCK REQUEST @ P63DISPS	T1=12027	SECONDS RUNNING	369674.474391	4076
073476	CLCCK REQUEST @ ENDLLJCB	T1=12027	SECONDS RUNNING	369674.477273	4322
063073	CLCCK REQUEST @ LRALT	T1=12060	SECONDS RUNNING	369674.721082	5127

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	DGX	THRUST	RCS	APQLU
LANDING	(STABLE MEMBER METRIC	COORDS)	UNITS	FORVEL	LCNG	PITCH	BALL-P	CDUY	QRATE	ATT-Y	DPPY	DGY	DELTA V	DPS	PERILU
				ALTRATE	ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	DGZ	MASS	APS	
369674.7	1738699	- 43.8	1.71	- 13.3	0.91	- 0.49	0.45	- 0.23	0.8	- 0.54	345	0	513	528.0	1.77
102:41:15	3911	- 3.2	0.3	575.6	24.07	145.92	56.018	- 0.02	0.11	- 0.12	7	0	513	378.0	-931.58
LANDING	- 7952	171.0	- 2.48	- 146.6	8720	- 0.71	0.22	- 0.45	- 0.13	- 0.21	- 497	0	1047	518	

LMY99	AGC	Q01	NASA 2J21112-061 NEW SIMULATION	MARSROT 20414415 /EYLES	LRFADAR2, FAVCNTEL 7/25/79 14:43	PAGE 330
				/DUPLICATE LANDING		369650
107441	CLCCK	REQUEST @	READACCS	T1=12064	SECONDS RUNNING	369674.761205 8550
076206	CLCCK	REQUEST @	SERVICER	T1=12065	SECONDS RUNNING	369674.776039 9815
063150	CLCCK	REQUEST @	RADAREAD	T1=12071	SECONDS RUNNING	369674.814984 3131
006071	CLCCK	REQUEST @	MUNGRAV	T1=12077	SECONDS RUNNING	369674.878333 8545
006071	CLCCK	REQUEST @	MUNGRAV	T1=12112	SECONDS RUNNING	369674.982615 7444

DISPLAYS = 63 16 03 +5947 -11457 +09029 369675.000002

006071	CLCCK	REQUEST @	MUNGRAV	T1=12133	SECONDS RUNNING	369675.159820 2566
063107	CLCCK	REQUEST @	LRVEL	T1=12160	SECONDS RUNNING	369675.267369 0228
063150	CLCCK	REQUEST @	RADAREAD	T1=12172	SECONDS RUNNING	369675.469790 9916
101757	CLCCK	REQUEST @	RDGIMS	T1=12201	SECONDS RUNNING	369675.532267 4349
063150	CLCCK	REQUEST @	RADAREAD	T1=12204	SECONDS RUNNING	369675.664874 7131
063150	CLCCK	REQUEST @	RADAREAD	T1=12216	SECONDS RUNNING	369675.864955 5662
063150	CLCCK	REQUEST @	RADAREAD	T1=12230	SECONDS RUNNING	369675.764871 4197
073121	CLCCK	REQUEST @	QUACGUID	T1=12234	SECONDS RUNNING	369675.903369 7482
063150	CLCCK	REQUEST @	RADAREAD	T1=12242	SECONDS RUNNING	369675.864944 2736
072216	CLCCK	REQUEST @	THRCTILE	T1=12271	SECONDS RUNNING	369675.963347 2482
006071	CLCCK	REQUEST @	FLNDCDLW	T1=12272	SECONDS RUNNING	369675.106810 3375
073473	CLCCK	REQUEST @	P63DISPS	T1=12327	SECONDS RUNNING	369676.394899 7959
073476	CLCCK	REQUEST @	ENDLLJCB	T1=12327	SECONDS RUNNING	369676.397784 8215
063073	CLCCK	REQUEST @	LRALT	T1=12367	SECONDS RUNNING	369676.718239 5551

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	DGX	THEUST	RCS	APOLU						
LANDING	(STABLE	MEMBER	COORDS)	FCRVEL	LONG	PITCH	BALL-P	CDUY	QRATE	ATT-Y	DPPY	DGY	DELTA V	DPS	PFILU						
	METRIC	UNITS		ALTRATE	ALT	RCLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	DCZ	MASS	APS							
369676.7	1738611	-	43.7	1.71	-	11.4	0.81	-	0.70	0.25	-	0.05	0.08	-	0.43	345	0	501	528.8	1.71	
102:41:17	3506	-	3.2	0.02	559.4	23.99	145.94	56.21	56.19	0.02	-	0.03	7	0	5148	3745	-932.16				
LANDING	-	7614	166.1	-	2.48	-	145.7	8437	-	0.54	0.05	0.25	-	0.14	6.11	-	498	0	19438	5189	

107441	CLCCK	REQUEST @	READACCS	T1=12374	SECONDS RUNNING	369676.761170 9215
076206	CLCCK	REQUEST @	SERVICER	T1=12375	SECONDS RUNNING	369676.77497 326

LMY99	AGC	001	NASA 2021112-061 NEW SIMULATION	MARSROT 20414415 /EYLF5	LPRADAR2.ENVCMTEL 07/23/69 14:43	PAGE 331
					/DUPLICATE LANDING	LAST SNAP 369650
006071	CLCCK REQUEST @ MUNGRAV			T1=12407	SECONDS RUNNING	369676.878334 9212
006071	CLCCK REQUEST @ MUNGRAV			T1=12421	SECONDS RUNNING	369676.977693 7691
DISPLAYS =	63	06	63	+05788 -01450 +08735		369677.000029
006071	CLCCK REQUEST @ MUNGRAV			T1=12443	SECONDS RUNNING	369677.0158517 3121
063107	CLCCK REQUEST @ LRVEL			T1=12470	SECONDS RUNNING	369677.367578 0961
063150	CLCCK REQUEST @ RADARFAD			T1=12503	SECONDS RUNNING	369677.471987 9785
101757	CLCCK REQUEST @ RDGIMS			T1=12511	SECONDS RUNNING	369677.531187 4922
063150	CLCCK REQUEST @ RADARFAD			T1=12514	SECONDS RUNNING	369677.564873 7797
063150	CLCCK REQUEST @ RADARFAD			T1=12526	SECONDS RUNNING	369677.664864 6329
063150	CLCCK REQUEST @ RADARFAD			T1=12541	SECONDS RUNNING	369677.764884 4864
073121	CLCCK REQUEST @ QUADGUID			T1=12543	SECONDS RUNNING	369677.798104 7699
063150	CLCCK REQUEST @ RADARFAD			T1=12552	SECONDS RUNNING	369677.864875 2397
072216	CLCCK REQUEST @ THROTTLE			T1=12611	SECONDS RUNNING	369678.194791 3816
006071	CLCCK REQUEST @ FINCCDUW			T1=12612	SECONDS RUNNING	369678.115299 2913
073473	CLCCK REQUEST @ P63DISPS			T1=12636	SECONDS RUNNING	369678.388901 8114
073476	CLCCK REQUEST @ ENCLLJOB			T1=12637	SECONDS RUNNING	369678.391783 8361
063073	CLCCK REQUEST @ LRALT			T1=12677	SECONDS RUNNING	369678.718239 6217

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVFL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	DGX	THRUST	RCS	APOLU
LANDING	(STABLE MEMBER COORDS)	FORVEL	ALTRATE	LONG	PITCH	BALL-P	CDUY	RPATE	ATT-Y	DPPY	DGY	DELTA V	DPS	PERILU	
	METRIC	UNITS		ALT	ROLL	BALL-Y	CDUZ	RPATF	ATT-Z	DPPZ	DGZ	MASS	APS		
369678.7	1738524	- 43.4	1.73	- 9.5	7.81	- 0.74	1.22	0.12	0.08	- 0.21	346	6.19	526.8	1.666	
102:41:19	3900	- 3.1	0.02	543.2	23.98	145.64	55.88	0.31	0.00	5	5166	3715	-932.42		
LANDING	7286	161.1	- 2.48	- 144.9	8146	- 0.38	359.87	0.21	0.04	0.00	497	19299	5166		

107441	CLCCK REQUEST @ PEADACCS			T1=12704	SECONDS RUNNING	369679.761239 0898
076206	CLCCK REQUEST @ SERVICEK			T1=12705	SECONDS RUNNING	369679.776897 1217
063150	CLCCK REQUEST @ RADARFAD			T1=12711	SECONDS RUNNING	369679.814872 4463
006071	CLCCK REQUEST @ MUNGRAV			T1=12721	SECONDS RUNNING	369679.882169 266
006071	CLCCK REQUEST @ MUNGRAV			T1=12732	SECONDS RUNNING	369679.927422 5798
DISPLAYS =	63	06	63	+05625 -01444 +08441		369679.000012

LMY99	AGC	01	NASA 2021112-061 NEW SIMULATION	MARSROT 20414415 /EYLF5	LPRADAR2.ENVCMTEL 07/23/69 14:43	PAGE 332
					/DUPLICATE LANDING	LAST SNAP 369650

LMY99 AGC 001 NASA 2321112-061 NEW SIMULATION MARSROT 20414415 /EYLF5 LKRADAP2.EMVCONTFL 17/03/55 14:43 PACF 332  
/DUPLICATE LANDING LAST SNAP 369650

006071	CLCCK REQUEST @ MUNGRAV	T1=12754	SECONDS RUNNING	369679.164431	4292
063107	CLCCK REQUEST @ LRVEL	T1=13001	SECONDS RUNNING	369679.371129	1931
063150	CLCCK REQUEST @ RADAREAD	T1=13002	SECONDS RUNNING	369679.469783	1349
101757	CLCCK REQUEST @ RDGIMS	T1=13021	SECONDS RUNNING	369679.531222	5592
063150	CLCCK REQUEST @ RADAREAD	T1=13024	SECONDS RUNNING	369679.507503	8598
063150	CLCCK REQUEST @ RADAREAD	T1=13036	SECONDS RUNNING	369679.664867	6996
063150	CLCCK REQUEST @ RADAREAD	T1=13050	SECONDS RUNNING	369679.764864	5529
073121	CLCCK REQUEST @ QUADGUID	T1=13054	SECONDS RUNNING	369679.806866	9113
063150	CLCCK REQUEST @ RADAREAD	T1=13062	SECONDS RUNNING	369679.864859	4162
072216	CLCCK REQUEST @ THRATTLE	T1=13112	SECONDS RUNNING	369680.101193	4221
006071	CLCCK REQUEST @ FINDCOW	T1=13113	SECONDS RUNNING	369680.112281	5175
073473	CLCCK REQUEST @ P6DISPS	T1=13147	SECONDS RUNNING	369680.398881	9632
073476	CLCCK REQUEST @ ENDLJCR	T1=13150	SECONDS RUNNING	369680.402686	9957
063073	CLCCK REQUEST @ LRALT	T1=13210	SECONDS RUNNING	369680.721592	7173

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	DGX	THRUST	RC5	APOLU
LANDING	(STABLE MEMBER METRIC UNITS)	(COORDS)		FCRVEL ALTRATE	LCNG ALT	PITCH	BALL-P BALL-Y	CDUY CDUZ	QRATE RRATE	ATT-Y ATT-Z	DPPY DPPZ	DGY DGZ	DELTAV	DPS	PERILU
369680.7	1738437	- 43.2	1.77	- 7.8	0.81	- 0.77	0.24	0.25	0.08	0.0	353	1	6142	526.8	1.661
102:41:21	3895	- 3.1	0.02	527.0	23.97	145.22	55.46	55.45	- 0.08	0.1	5	1	5184	366.6	-932.60
LANDING	- 6968	15.1	- 2.49	- 143.9	7857	- 0.22	356.69	0.20	- 0.03	0.00	- 498	1	19359	5186	

107441	CLCCK REQUEST @ READACCS	T1=13214	SECONDS RUNNING	369680.761222	552
076206	CLCCK REQUEST @ SERV ICER	T1=13215	SECONDS RUNNING	369680.776607	1865
063150	CLCCK REQUEST @ RADAREAD	T1=13221	SECONDS RUNNING	369680.814853	5128
006071	CLCCK REQUEST @ MUNGRAV	T1=13230	SECONDS RUNNING	369680.880940	768
006071	CLCCK REQUEST @ MUNGRAV	T1=13242	SECONDS RUNNING	369680.984173	9568

DISPLAYS = 63 16 63 +15466 -01436 +0815 369680.000001

006071	CLCCK REQUEST @ MUNGRAV	T1=13244	SECONDS RUNNING	369680.161026	4765
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063107	CLCKC	REQUEST @	ERVEL	T1=13317	SECONDS	RUNNING	369681026036	2495
063150	CLCKC	REQUEST @	RADAREAD	T1=13322	SECONDS	RUNNING	3696810269778	1015
LMY99	AGC	001	NASA 2021112-061 NEW SIMULATION	MARSROT 20414415 /FYLES	LRRADAR2.0	EMVCTRL 07/23/69	14:43	PAGE 333
						/DUPLICATE	LANDING	LAST SNAP 369650
101757	CLCKC	REQUEST @	RDGIMS	T1=13331	SECONDS	RUNNING	3696810531189	6254
063150	CLCKC	REQUEST @	RADARFAD	T1=13334	SECONDS	RUNNING	3696810567455	9350
063150	CLCKC	REQUEST @	RADARFAD	T1=13346	SECONDS	RUNNING	3696810664874	7663
063150	CLCKC	REQUEST @	RADAREAD	T1=13360	SECONDS	RUNNING	3696810764860	6196
073121	CLCKC	REQUEST @	QUACGUIC	T1=13364	SECONDS	RUNNING	3696810816336	9735
063150	CLCKC	REQUEST @	RADAREAD	T1=13372	SECONDS	RUNNING	3696810864899	4732
072216	CLCKC	REQUEST @	THROTTLE	T1=13421	SECONDS	RUNNING	369682099287	4733
066071	CLCKC	REQUEST @	FINCCUW	T1=13422	SECONDS	RUNNING	3696820109824	5633
073472	CLCKC	REQUEST @	P63DISPS	T1=13457	SECONDS	RUNNING	3696820397039	0142
073476	CLCKC	REQUEST @	ENCLLJCB	T1=13457	SECONDS	RUNNING	3696820399924	0388
063073	CLCKC	REQUEST @	LRALT	T1=13517	SECONDS	RUNNING	3696820718245	7551

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	DGX	THUST	WTS	APOLU
LANDING	(STABLE	MEMBER	COORDS)	FORVEL	LONG	PITCH	BALL-P	CDUY	QRATE	ATT-Y	DPPY	DGY	DELTA	WPS	PERILU
	METRIC	UNITS		ALTRATE	ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	DGZ	MASS	APS	
369682.7	1738351	- 42.9	1.77	- 6.3	0.81	- 1.11	359.89	0.46	0.08	0.00	356	0	6129	528.8	1.56
102:41:23	3889	- 3.00	0.00	51.7	23.96	145.17	55.39	55.39	0.06	0.00	3	0	57.2	3626	-932.95
LANDING -	6660	151.1	- 2.49	- 142.7	7570	- 0.17	359.53	- 0.10	- 0.22	0.00	- 500	0	1932	5189	

107441	CLCKC	REQUEST @	READACCS	T1=13524	SECONDS	RUNNING	3696820761177	1215
076206	CLCKC	REQUEST @	SERVICER	T1=13525	SECONDS	RUNNING	3696820774682	2367
063150	CLCKC	REQUEST @	RADAREAD	T1=13531	SECONDS	RUNNING	3696820814855	5795
066071	CLCKC	REQUEST @	MUNGRAV	T1=13537	SECONDS	RUNNING	3696820877757	1163
066071	CLCKC	REQUEST @	MUNGRAV	T1=13551	SECONDS	RUNNING	3696820977104	9632
DISPLAYS =	63	06	63	+15306	-01426	+07861		369683000038
076447	CLCKC	REQUEST @	HIGATASK	T1=13563	SECONDS	RUNNING	3696830174947	7981
073121	CLCKC	REQUEST @	QUACGUIC	T1=13644	SECONDS	RUNNING	3696830569808	0218
072216	CLCKC	REQUEST @	THROTTLE	T1=13703	SECONDS	RUNNING	3696830877797	6500
066071	CLCKC	REQUEST @	FINCCUW	T1=13724	SECONDS	RUNNING	3696830888772	7436
DISPLAYS =	64	06	63	+15306	-01426	+07861		369683010012
073477	CLCKC	REQUEST @	P64DISPS	T1=13742	SECONDS	RUNNING	3696840183374	2575
LMY99	AGC	001	NASA 2021112-061 NEW SIMULATION	MARSROT 20414415 /FYLES	LRRADAR2.0	EMVCTRL 07/23/69	14:43	PAGE 334
						/DUPLICATE	LANDING	LAST SNAP 369650

073477 CLCK REQUEST @ P64CISPS T1=13742 SECONDS RUNNING 369684.183374 2575  
 LMY99 AGC 001 NASA 2021112-461 NEW SIMULATION MARSRET 20414415 /EYLES LRRADAR2.ENVCTRL 7/23/69 14:43 PAGE 334  
 /DUPLICATE LANDING LAST SNAP 369650

073476 CLCK REQUEST @ ENCLLJCB T1=13742 SECONDS RUNNING 369684.186942 2880  
 L/R ANTENNA POSITION CHANGE INITIATED AT T= 369683.09. MODE = 12 K = 0 TTRACT = 369683.09

VELOCITY DATA GOOD BIT CHANGED TO 0 AT T = 369683.09  
 RANGE DATA GOOD BIT CHANGED TO 0 AT T = 369683.09

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	PALL-R	CDUX	PRAFE	ATT-X	DppX	DGX	THRUST	GLS	A POLU				
LANDING	(STABLE MEMBER METRIC UNITS)	COORDS)	FORVEL	LONG	PITCH	HALL-P	CDUY	GRATE	ATT-Y	DPY	DGY	DELTA V	TPS	PPS	PERILU				
			ALTRATE	ALT	ROLL	HALL-Y	CDUZ	RRATE	ATT-Z	DPZ	DGZ	MASS	APS						
369684.7 102:41:25	1738265 -	42.5	1.83 -	4.9	0.81 -	1.26	359.77	0.63	0.09	0.00	36.0	0	621.0	526.8	1.51				
LANDING	3884 -	3.1	1.00	494.2	23.95 -	145.08	55.34	55.29 -	0.02 -	0.98	0	0	5221	358.6	-933.20				
	6362	146.1 -	2.56	141.4	7286	0.06	359.35 -	0.23	0.10 -	0.10	5.33	0	1928	5189					
107441	CLCK REQUEST @ READACCS																		
	T1=14034	SECONDS RUNNING											369684.761187			1882			
076206	CLCK REQUEST @ SERVICER																		
	T1=14035	SECONDS RUNNING															2807		
	T = 369684.812. ASTRONAUT SEES DESIRED DISPLAYS.																		
MODE 64	VERB 6	NCUN 64	FLASH 1																
URLINK 0							R1 +99X71		R2 - 1417		R3 + 7576								
006071	CLCK REQUEST @ MUNGRAV																		
	T1=14046	SECONDS RUNNING																369684.865328	
006071	CLCK REQUEST @ MUNGRAV																		
	T1=14057	SECONDS RUNNING																	369684.957408
DISPLAYS =	64	06	64	FLASH	+99X71	-01417	+7576												369685.000000
073121	CLCK REQUEST @ QUACGUID																		
	T1=14144	SECONDS RUNNING																	369685.0480881
072216	CLCK REQUEST @ THROTTLE																		
	T1=14205	SECONDS RUNNING																	369685.0812229
006071	CLCK REQUEST @ FINDERUM																		
	T1=14206	SECONDS RUNNING																	369685.0823293
073477	CLCK REQUEST @ P64CISPS																		
	T1=14243	SECONDS RUNNING																	369685.116109
073476	CLCK REQUEST @ ENCLLJCB																		
	T1=14243	SECONDS RUNNING																	369685.119915
369686.7 102:41:27	1738181 -	41.8	2.08	19.3	0.81 -	1.59	0.41	3.58	1.80 -	0.65	4.00	0	6175	527.7	1.45				
LANDING	3879 -	3.1	1.02	478.3	23.94	138.71	48.91	48.91 -	4.10	2.19	0	0	5234	3545	-933.43				
	6374	141.4 -	2.33	138.9	7106	2.86	356.42	0.40	0.43	0.00 -	4.78	0	19238	5189					
107441	CLCK REQUEST @ READACCS																		
	T1=14344	SECONDS RUNNING																	369686.761228
076206	CLCK REQUEST @ SERVICER																		
	T1=14345	SECONDS RUNNING																	369686.771175
006071	CLCK REQUEST @ MUNGRAV																		
	T1=14356	SECONDS RUNNING																	369686.862373
006071	CLCK REQUEST @ MUNGRAV																		
	T1=14364	SECONDS RUNNING																	369686.922541

369682  
187  
495

DISPLAYS = 64 76 64 FLASH +99X71 -1414 +07-4

360197 00004

LMY99 AGC 001 NASA 2:21112-061 NEW SIMULATION MARSPT 2:41445 /FYLES LPRADAR2.ENVNCT L 7/2/69 14:43 PACF 335  
/DUPLICATE LANDING LAST SNAP 369650

073121	CLCK REQUEST @ QUADGUID	T1=14454	SECONDS RUNNING	369687.488565	4618
072216	CLCK REQUEST @ THRATTLE	T1=14514	SECONDS RUNNING	369687.817410	1927
006071	CLCK REQUEST @ FINDCDLW	T1=14515	SECONDS RUNNING	369687.817227	2664
073477	CLCK REQUEST @ P64DISPS	T1=14553	SECONDS RUNNING	369688.115126	8085
073476	CLCK REQUEST @ ENDLLJCB	T1=14553	SECONDS RUNNING	369688.118883	8406

L/R ANTENNA POSITION CHANGE COMPLETED AT T = 369688.09 MODE = 12 K = 2

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	HALL-R	CDUX	PRATE	ATT-X	DPPX	DGX	THRUST	RCS	APOLL
LANDING	(STABLE MEMBER COORDS)			FCVVEL	LCNG	PITCH	BALL-P	CDUY	QRATE	ATT-Y	DPPY	DGY	DELTA V	DPS	PERILU
	METRIC UNITS			ALTRATE	ALT	ROLL	BALL-Y	CDUZ	PPATE	ATT-Z	DPPZ	DGZ	MASS	APS	
369688.7	1738J98 - 4.7	2.29	24.6	0.81	0.51	0.42	4.25	0.69	1.21	428	0	6165	526.6	1.39	
102:41:25	3874 - 3.0	0.23	463.0	23.83	134.01	44.21	44.20	0.48	1.75	13		8156	35.5	-923.64	
LANDING -	5795	136.8	2.16	125.0	6731	3.51	355.71	0.42	0.11	1.0	46		19196	5189	

107441	CLCK REQUEST @ READACCS	T1=14654	SECONDS RUNNING	369688.761161	3213
076206	CLCK REQUEST @ SERVICEP	T1=14654	SECONDS RUNNING	369688.769307	3018
006071	CLCK REQUEST @ MUNGRAV	T1=14666	SECONDS RUNNING	369688.814543	2135
006071	CLCK REQUEST @ MUNGRAV	T1=14677	SECONDS RUNNING	369688.954071	9675

DISPLAYS = 64 76 64 FLASH +99X65 -01378 +07-16 369688.000021

063543	CLCK REQUEST @ LRPOSCAN	T1=14714	SECONDS RUNNING	369689.811172	1521
073121	CLCK REQUEST @ QUADGUID	T1=14765	SECONDS RUNNING	369689.493064	5664
072216	CLCK REQUEST @ THROTTLE	T1=15024	SECONDS RUNNING	369689.804324	2230
006071	CLCK REQUEST @ FINDCDLW	T1=15025	SECONDS RUNNING	369689.813997	3155
063515	CLCK REQUEST @ LRPCS NXT +3	T1=15060	SECONDS RUNNING	369690.021210	5857
063535	CLCK REQUEST @ LASTLRCT	T1=15060	SECONDS RUNNING	369690.018132	5865
073477	CLCK REQUEST @ P64DISPS	T1=15064	SECONDS RUNNING	369690.121270	9276
073476	CLCK REQUEST @ ENDLLJCB	T1=15067	SECONDS RUNNING	369690.151317	1755

369690.7	1738J18 - 39.4	2.22	13.0	0.81	0.26	0.67	2.92	0.69	0.87	457		5926	526.6	1.32
102:41:31	3869 - 2.9	0.14	449.5	23.92	133.51	42.69	43.89	0.15	1.31	8		2772	34.5	-933.83
LANDING -	5525	132.5	2.06	13.07	6466	2.11	157.07	0.67	0.17	0.2	426	18156	180	

107441	CLCK REQUEST @ READACCS	T1=15164	SECONDS RUNNING	369690.761159	3880
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ID	AGC	REQ	DESC	TIME	STATUS	TIME	TIME
107441		CLCK	REQUEST @ READACCS	T1=15164	SECONDS RUNNING	369692.761154	3880
LMY99	AGC	001	NASA 2021112-061 NEW SIMULATION	MAKSFOT 20414415 /EYLF5	LRPADAR20 ENVNTR1 7/27/67 14:43	PAGE 336	369650
					/DUPLICATE LANDING	LAST SNAP	
076206		CLCK	REQUEST @ SERVICER	T1=15164	SECONDS RUNNING	369691.769299	4574
066071		CLCK	REQUEST @ MUNGRAV	T1=15176	SECONDS RUNNING	369691.868799	3065
006071		CLCK	REQUEST @ MUNGRAV	T1=15207	SECONDS RUNNING	369691.955216	0438
DISPLAYS =	64	06	64	FLASH	+99X60	-01347	+06744
073121		CLCK	REQUEST @ QUADGUID	T1=15274	SECONDS RUNNING	369691.489765	5994
072216		CLCK	REQUEST @ THROTTLE	T1=15334	SECONDS RUNNING	369691.813393	2817
006071		CLCK	REQUEST @ FINDCOW	T1=15335	SECONDS RUNNING	369691.813057	3642
063537		CLCK	REQUEST @ LASTLFT +2	T1=15370	SECONDS RUNNING	369692.081208	6524
073477		CLCK	REQUEST @ P04DISP5	T1=15417	SECONDS RUNNING	369692.318211	6747
073476		CLCK	REQUEST @ ENCLLJOB	T1=15420	SECONDS RUNNING	369692.322486	7113
063073		CLCK	REQUEST @ LRLAT	T1=15470	SECONDS RUNNING	369692.721694	1179

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	DGX	THFLST	RCS	APDLU
LANDING	(STABLE METRIC	COORDS)	FORVEL	LONG	PITCH	BALL-P	CDUY	CRATE	ATT-Y	EPY	DGY	DELTA V	DPS	PER ILU	
	UNITS		ALTRATE	ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	DGZ	MARS	APS		
369692.7	1737941	- 38.2	2.19	2.1	0.81	- 0.20	0.73	1.52	- 0.69	- 0.32	444	5851	526.6	1.27	
102:41:33	3864	- 2.8	0.04	436.3	22.91	133.58	43.75	43.74	0.01	- 0.54	1	52.9	3426	-934.01	
LANDING	- 5263	128.4	- 2.04	- 126.7	6208	0.72	358.46	0.73	- 0.12	0.00	- 411	0	19117	6189	

107441		CLCK	REQUEST @ READACCS	T1=15474	SECONDS RUNNING	369692.761159	4546
		VELOCITY DATA GOOD BIT CHANGED TO 1 AT T = 369692.76					
		RANGE DATA GOOD BIT CHANGED TO 1 AT T = 369692.76					
076206		CLCK	REQUEST @ SERVICER	T1=15475	SECONDS RUNNING	369692.770774	5367
063150		CLCK	REQUEST @ RADAREAD	T1=15501	SECONDS RUNNING	369692.814864	9129
006071		CLCK	REQUEST @ MUNGRAV	T1=15507	SECONDS RUNNING	369692.879546	4649
006071		CLCK	REQUEST @ MUNGRAV	T1=15521	SECONDS RUNNING	369692.976988	2964
DISPLAYS =	64	06	64	FLASH	+99X07	-01296	+06481
063107		CLCK	REQUEST @ LRVEL	T1=15535	SECONDS RUNNING	369693.06237	3141
063150		CLCK	REQUEST @ RADAREAD	T1=15547	SECONDS RUNNING	369693.104860	1556
101757		CLCK	REQUEST @ RDCIMS	T1=15556	SECONDS RUNNING	369693.261115	7215

593  
18716  
506

063150 CLCCK REQUEST @ RADAREAD

T1=15561

SECONDS RUNNING

369693.394877

8624

LMY99	AGC	001	NASA 2021112-061	NEW SIMULATION	MARSROT 20414415 /EYLES	LRRADAR2, ENVCNTRL 07/23/69	14:43	PAGE	337
						/DUPLICATE LANDING	LAST	SNAP	369650
063150									
063150									
073121									
063150									
072216									
006071									
073477									
073476									
063073									

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	TABLE	V	A	LAT	LAT	YAW	BALL-R	CDUY	PRATE	ATT-X	DPX	DCX	THE	UST	CS	APLU
LANDING	(ST	MEMBER	COORDS)	FORVEL	LONG	PITCH	BALL-P	CDUZ	ORATE	ATT-Y	DPBY	DCY	FLTA	DBS	APS	PEPILU
	BLE	UNITS		ALTRATE	ALT	ROLL	BALL-Y	COUZ	RRATE	ATT-Z	DPPZ	DGZ	MASS	APS		
369694.7	1737865	- 37.1	2.17	- 1.7	1.81	- 0.29	0.65	1.02	- 0.07	- 1.09	439	0	578.0	526.5	1.21	
102:41:35	3859	- 2.7	0.14	422.9	23.90	133.78	43.95	43.95	0.23	- 0.32	8	0	53.4	32.87	- 934.19	
LANDING	- 5010	124.3	- 2.13	- 122.9	5959	0.21	358.98	0.64	0.01	- 0.10	- 409	0	191.79	51.89		

107441																
076206																
063150																
006071																
006071																
DISPLAYS =	64	06	64	FLASH	+99X60	-11256	+16225									369695.100006
063107																
063150																
101757																
063150																
063150																
063150																
073121																
063150																
LMY99	AGC	001	NASA 2 21112- 61	NEW SIMULATION	MARSROT 20414415 /EYLES	LRRADAR2, ENVCNTRL 7/23/69	14:43	PAGE	338							
						/DUPLICATE LANDING	LAST	SNAP	369650							

063150	CLCK REQUEST @ RADAREAD	T1=16142	SECONDS RUNNING	369696.71487	5742
LMY99	AGC 001 NASA 2 21112-161 NEW SIMULATION	MARSKOT 20414415 /FYLES	LRRADAR2.ENVCONTPL 07/23/69	14:43	PAGE 338
			/DUPLICATE LANDING	LAST SNAP	369650
072216	CLCK REQUEST @ THROTTLE	T1=16201	SECONDS RUNNING	369696.14478	2163
006071	CLCK REQUEST @ FINDCDUW	T1=16206	SECONDS RUNNING	369696.76691	6448
073477	CLCK REQUEST @ P64DISP	T1=16240	SECONDS RUNNING	369696.324071	8633
073476	CLCK REQUEST @ ENCLLJOB	T1=16243	SECONDS RUNNING	369696.353167	1704
063073	CLCK REQUEST @ LRALT	T1=16307	SECONDS RUNNING	369696.718238	2217

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	DGX	THPST	PCS	APDU
LANDING	(STABLE	MEMBER	COORDS)	FORVEL	LONG	PITCH	BALL-P	CDUY	QRATE	ATT-Y	DPPY	DGY	DEFTAV	DPS	PER1LU
	METRIC	UNITS		ALTRATE	ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	DGZ	MASS	APS	
369696.7	1737792	- 36.1	2.13	- 2.7	0.81	- 0.21	0.73	0.86	- 0.07	- 1.20	433		5774	526.5	1.16
102:41:37	3855	- 2.6	0.64	479.6	23.90	134.15	44.21	44.20	- 0.03	0.11	10		5227	3249	-934.35
LANDING	- 4764	12.03	- 2.01	- 119.3	5716	0.16	359.13	0.73	0.02	0.17	- 476		196.41	51.60	

107441	CLCK REQUEST @ READACCS	T1=16314	SECONDS RUNNING	369696.761158	5880
076206	CLCK REQUEST @ SERVICER	T1=16315	SECONDS RUNNING	369696.77765	6770
063150	CLCK REQUEST @ RADAREAD	T1=16321	SECONDS RUNNING	369696.814974	8463
006071	CLCK REQUEST @ MUNGRAV	T1=16327	SECONDS RUNNING	369696.879965	6919
006071	CLCK REQUEST @ MUNGRAV	T1=16341	SECONDS RUNNING	369696.975477	4168

DISPLAYS = 64 06 64 FLASH +09X6 -01218 +05978 369697.00010

063107	CLCK REQUEST @ LRVEL	T1=16371	SECONDS RUNNING	369697.01136	4192
063150	CLCK REQUEST @ RADAREAD	T1=16402	SECONDS RUNNING	369697.364882	2277
101757	CLCK REQUEST @ PDGIMS	T1=16411	SECONDS RUNNING	369697.374291	8210
063150	CLCK REQUEST @ RADAREAD	T1=16414	SECONDS RUNNING	369697.406123	1917
063150	CLCK REQUEST @ RADAREAD	T1=16427	SECONDS RUNNING	369697.512235	9972
063150	CLCK REQUEST @ RADAREAD	T1=16440	SECONDS RUNNING	369697.604901	7979
073121	CLCK REQUEST @ QUADGUID	T1=16447	SECONDS RUNNING	369697.6678412	4151
063150	CLCK REQUEST @ RADAREAD	T1=16452	SECONDS RUNNING	369697.704862	6400
072216	CLCK REQUEST @ THROTTLE	T1=16511	SECONDS RUNNING	369698.12563	2666
006071	CLCK REQUEST @ FINDCDUW	T1=16512	SECONDS RUNNING	369698.23321	3584
073477	CLCK REQUEST @ P64DISP	T1=16547	SECONDS RUNNING	369698.16571	8504

073476 CLCCK REQUEST @ ENCLLJCB

T1=16547

SECONDS RUNNING

369698.21882

8912

LMY99 AGC 001 NASA 2021112-061 NEW SIMULATION MARSKRUT 20414415 /EYLES LRPADAR2.ENVCONTPL 17/23/69 14:43 PAGE 339  
/DUPLICATE LANDING LAST SNAP 369698

063073 CLCCK REQUEST @ LRLAT T1=16620 SECONDS RUNNING 369698.721095 3128

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRAFE	ATT-X	DPX	DGX	THOUST	RCS	APOLU
LANDING	(STABLE MEMBER COORDS)	FCRVEL	LCNG	PITCH	BALL-P	CDUY	QRATE	ATT-Y	DPY	DGY	DELTA V	DELTA W	DELTA X	DELTA Y	DELTA Z
	METRIC UNITS	ALTRATE	ALT	RCLL	BALL-Y	CDUZ	RPRATE	ATT-Z	DPZ	DGZ	MASS	APS			
369698.7	1737721	- 35.1	2.12	- 3.5	0.81	- 0.20	1.73	0.73	- 0.02	- 1.09	428	0	5634	526.6	1.1
102:41:39	3850	- 2.5	0.04	394.5	25.89	133.71	43.86	43.85	- 0.28	0.0	1.0	0	5226	3312	-934.51
LANDING -	4527	116.3	- 1.97	- 116.8	5481	- 0.06	356.25	0.72	- 0.01	0.0	- 400	0	19003	5180	

107441 CLCCK REQUEST @ READACCS T1=16624 SECONDS RUNNING 369698.761158 6546

076206 CLCCK REQUEST @ SERVICEP T1=16625 SECONDS RUNNING 369698.770772 7367

063150 CLCCK REQUEST @ RADAREAD T1=16631 SECONDS RUNNING 369698.814971 1120

066071 CLCCK REQUEST @ MUNGRAV T1=16637 SECONDS RUNNING 369698.878764 6522

066071 CLCCK REQUEST @ MUNGRAV T1=16651 SECONDS RUNNING 369698.977118 4966

DISPLAYS = 64 06 64 ELASH +95X6 -01182 +05738 369698.000038

066071 CLCCK REQUEST @ MUNCPAV T1=16673 SECONDS RUNNING 369698.159894 1572

063107 CLCCK REQUEST @ LRVEL T1=16721 SECONDS RUNNING 369698.371176 8601

063150 CLCCK REQUEST @ RADAREAD T1=16732 SECONDS RUNNING 369698.469783 7116

101757 CLCCK REQUEST @ RDGIMS T1=16741 SECONDS RUNNING 369698.531234 2259

063150 CLCCK REQUEST @ PADAREAD T1=16744 SECONDS RUNNING 369698.564933 5135

063150 CLCCK REQUEST @ RADAREAD T1=16756 SECONDS RUNNING 369698.664889 3665

063150 CLCCK REQUEST @ RADAREAD T1=16770 SECONDS RUNNING 369698.764886 2193

073121 CLCCK REQUEST @ QUALGUID T1=16774 SECONDS RUNNING 369698.814987 5620

063150 CLCCK REQUEST @ RADAREAD T1=17002 SECONDS RUNNING 369698.864854 728

SNAPSHCT 369700 SECONDS RUNNING 369700.000051

072216	CLCCK REQUEST @ THROTTLE	T1=17040	SECONDS RUNNING	269700.161790	6817
006071	CLCCK REQUEST @ FINCCDUW	T1=17041	SECONDS RUNNING	269700.170741	6831
073477	CLCCK REQUEST @ P64DISPS	T1=17076	SECONDS RUNNING	269700.469588	2332
073476	CLCCK REQUEST @ ENCLLJCB	T1=17077	SECONDS RUNNING	269700.472946	2619
063073	CLCCK REQUEST @ LRALT	T1=17127	SECONDS RUNNING	269700.718243	3551

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMT, SEC, DEG

TIME LANDING	R (STABLE METRIC	V MEMBER UNITS	A COORDS)	LATVEL FCRVEL ALTRATE	LAT LONG ALT	YAW PITCH RCLL	BALL-P BALL-P BALL-Y	CCUX CCUY CCUZ	PRATE GRATE RRATE	ATT-X ATT-Y ATT-Z	DPPX DPPY DPPZ	DCY DCY DGZ	HEU DELTA MASS	U DPS APS	APU PEP ILU
369700.7 102:41:41	1737652	- 33.5	2.13 - 3.1	0.81 - 0.19	0.73	0.78	0.03 - 1.09	428	0	5564	52605	1.006			
LANDING -	4297	112.4 - 1.93	- 112.4	5253 - 1.03	359.21	0.73	0.02 - 0.03	353	0	18666	5199				

107441	CLOCK REQUEST @ READACCS	T1=17134	SECONDS RUNNING	269700.761158	7213
076206	CLCCK REQUEST @ SERVICER	T1=17135	SECONDS RUNNING	269700.771496	8095
063150	CLCCK REQUEST @ RADAREAD	T1=17141	SECONDS RUNNING	269700.814862	1795
006071	CLCCK REQUEST @ MUNGRAV	T1=17150	SECONDS RUNNING	269700.867355	7982
006071	CLCCK REQUEST @ MUNGRAV	T1=17162	SECONDS RUNNING	269700.983738	6147

DISPLAYS = 64 06 64 FLASH +99X60 -11151 +05493 369700.00000

006071	CLCCK REQUEST @ MUNGRAV	T1=17204	SECONDS RUNNING	269700.169390	2149
063107	CLCCK REQUEST @ LRVFL	T1=17231	SECONDS RUNNING	269700.376600	9731
063150	CLCCK REQUEST @ RADAREAD	T1=17243	SECONDS RUNNING	269700.474905	8119
101757	CLCCK REQUEST @ RDGIMS	T1=17252	SECONDS RUNNING	269700.541188	3776
063150	CLCCK REQUEST @ RADAREAD	T1=17255	SECONDS RUNNING	269700.574868	6650
063150	CLCCK REQUEST @ RADAREAD	T1=17267	SECONDS RUNNING	269700.674878	6102
063150	CLCCK REQUEST @ RADAREAD	T1=17271	SECONDS RUNNING	269700.774967	3716
073121	CLCCK REQUEST @ QUADGUID	T1=17304	SECONDS RUNNING	269700.808861	6617
063150	CLCCK REQUEST @ RADAREAD	T1=17313	SECONDS RUNNING	269700.874857	2249
072216	CLCCK REQUEST @ THROTTLE	T1=17350	SECONDS RUNNING	269700.164734	6985
006071	CLCCK REQUEST @ FINCCDUW	T1=17351	SECONDS RUNNING	269700.174324	7811

073477 CLCCK REQUEST @ P64DISPS T1=17447 SECONDS RUNNING 369700473195 3207

LMY99 AGC QJ1 NASA 2021112-061 NEW SIMULATION MARKSROT 21414415 /EYLES LRRADAR2.FMVCNTPL 17/23/77 14:43 PAGE 341  
/DUPLICATE LANDING LAST SNAP 369700

073476 CLCCK REQUEST @ ENDLLJCB T1=17447 SECONDS RUNNING 369700476467 3586

063073 CLCCK REQUEST @ LRALT T1=17437 SECONDS RUNNING 369700718237 4217

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LRS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	DGX	THEUST	RCS	APGLU					
LANDING	(STABLE MEMBER METRIC	MEMBER UNITS	COORDS)	FCRVEL	LONG	PITCH	BALL-P	CDUY	QRATE	ATT-Y	DPPY	DGY	DELTA V	OPS	PERILU					
				ALTRATE	ALT	ROLL	BALL-Y	CDUZ	PPATE	ATT-Z	DPPZ	DGZ	MASS	APS						
369702.7	1737585	-	32.9	2.12	-	2.4	.81	-	0.21	0.70	0.85	1.03	-	1.09	429	0	5472	526.5	1.001	
102:41:43	3842	-	2.4	1.04	371.2	23.87	132.18	42.31	0.31	1.00	9	0	5267	3238	-934.80					
LANDING	-	4076	168.5	-	1.87	-	109.7	5031	0.03	350.13	0.70	-	0.01	0.00	-	382	0	18820	5189	

107441 CLCCK REQUEST @ REACACCS T1=17444 SECONDS RUNNING 369700761157 7380

076206 CLCCK REQUEST @ SERVICER T1=17445 SECONDS RUNNING 369700771487 8761

063150 CLCCK REQUEST @ RADAREAD T1=17451 SECONDS RUNNING 369700818495 2772

006071 CLCCK REQUEST @ MUNGRAV T1=17464 SECONDS RUNNING 369700822632 1657

DISPLAYS = 64 66 64 ELASH \*99x59 -1117 \*0526 369700820021

006071 CLCCK REQUEST @ MUNGRAV T1=17476 SECONDS RUNNING 369700823416 6259

006071 CLCCK REQUEST @ MUNGRAV T1=17521 SECONDS RUNNING 369700824325 5697

063107 CLCCK REQUEST @ LRVEL T1=17545 SECONDS RUNNING 3697008411747 3397

063150 CLCCK REQUEST @ RADAREAD T1=17557 SECONDS RUNNING 3697008511691 1925

101757 CLCCK REQUEST @ RDGIMS T1=17566 SECONDS RUNNING 3697008581150 7953

063150 CLCCK REQUEST @ RADAREAD T1=17571 SECONDS RUNNING 3697008618249 1165

063150 CLCCK REQUEST @ RADAREAD T1=17612 SECONDS RUNNING 3697008704976 8413

063150 CLCCK REQUEST @ RADAREAD T1=17614 SECONDS RUNNING 369700884889 6945

073121 CLCCK REQUEST @ QUACQUID T1=17624 SECONDS RUNNING 3697008863266 3623

063150 CLCCK REQUEST @ RADAREAD T1=17626 SECONDS RUNNING 3697008914933 5482

072216 CLCCK REQUEST @ THROTTLE T1=17663 SECONDS RUNNING 3697009196355 1351

006071 CLCCK REQUEST @ FINDCNLW T1=17664 SECONDS RUNNING 3697009206923 1252

073477 CLCCK REQUEST @ P64DISPS T1=17723 SECONDS RUNNING 3697009514323 7526

073476 CLCCK REQUEST @ ENDLLJCB T1=17723 SECONDS RUNNING 3697009518178 7812

1547497

369704.7 173752C - 31.9 2.11 - 1.8 0.81 - 0.24 0.66 0.93 0.03 - 0.98 427 5201 526.5 1.96  
 102:41:45 3824 - 2.3 0.04 359.1 23.87 131.51 41.64 41.63 - 0.32 0.00 9 - 2 5381 2.2 -934.93  
 LANDING - 3871 174.8 - 1.82 - 1.5.6 4817 0.09 35.05 0.67 - 0.01 0.00 - 372 3 18804 5186

107441 CLCCK REQUEST @ READACCS T1=17754 SECONDS RUNNING 369704.761157 8546

076206 CLCCK REQUEST @ SERVICER T1=17755 SECONDS RUNNING 369704.771486 9458

ASTRONAUT PERFORMS ACTION 63066136 AT TIME 369704.8121

ASTRONAUT KEYSTROKE PROCEED

063150 CLCCK REQUEST @ RADAREAD T1=17761 SECONDS RUNNING 369704.814869 3135

006071 CLCCK REQUEST @ MUNGRAV T1=17772 SECONDS RUNNING 369704.911816 0549

DISPLAYS = 64 06 64 +59X5E -0108X XXX35 369705.000000

006071 CLCCK REQUEST @ MUNGRAV T1=20004 SECONDS RUNNING 369705.009102 9774

006071 CLCCK REQUEST @ MUNGRAV T1=20027 SECONDS RUNNING 369705.199374 5961

063107 CLCCK REQUEST @ LRVEL T1=20055 SECONDS RUNNING 369705.410994 3999

063150 CLCCK REQUEST @ RADAREAD T1=20066 SECONDS RUNNING 369705.0517826 2262

101757 CLCCK REQUEST @ RODGIMS T1=20075 SECONDS RUNNING 369705.0571181 7668

063150 CLCCK REQUEST @ RADAREAD T1=20100 SECONDS RUNNING 369705.0618857 0983

063150 CLCCK REQUEST @ RADAREAD T1=20112 SECONDS RUNNING 369705.0704972 9077

063150 CLCCK REQUEST @ RADAREAD T1=20124 SECONDS RUNNING 369705.0814861 7609

063150 CLCCK REQUEST @ RADAREAD T1=20136 SECONDS RUNNING 369705.0914901 6146

073121 CLCCK REQUEST @ QUADGUID T1=20147 SECONDS RUNNING 369705.0968413 4125

DISPLAYS = 64 XX XX XXXXX XXXXX XXXXX 369706.000019

072216 CLCCK REQUEST @ THROTTLE T1=20207 SECONDS RUNNING 369706.0216477 1267

006071 CLCCK REQUEST @ FINDCJW T1=20213 SECONDS RUNNING 369706.032354 4328

073477 CLCCK REQUEST @ P04DISPS T1=20244 SECONDS RUNNING 369706.0619728 6291

073476 CLCCK REQUEST @ ENCLLJDB T1=20245 SECONDS RUNNING 369706.0612771 6551

TIME	ROLL	PITCH	YAW	BALL-R	CCUY	GRATE	ATT-X	DPPY	PGY	THROST	DPS	APDU
LANCING	(STABLE MEMBER CIRCDS)	LATVEL	FORVEL	LCNG	PITCH	BALL-P	ATT-Y	DPPZ	PGZ	DELTA V	DPS	PERILU
	METRIC UNITS	ALTRATE	ALT	ROLL	BALL-Y	CDUY	RRATE			MASS	APS	

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/DUPLICATE LANDING LAST SNAP 369700

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369706.7	1737457	- 30.9	2.11	- 1.03	0.81	- 7.22	0.67	1.01	0.73	- 0.87	426	5321	526.5	0.92
102:41:47	3821	- 2.2	0.04	347.2	23.86	130.94	41.06	41.06	0.31	0.0	9	5354	3167	-935.06
LANDING	- 3064	101.2	- 1.78	- 102.3	4609	0.16	358.98	0.67	0.12	0.00	- 362	18858	5180	

107441	CLCCK	REQUEST @	READACCS	T1=20264	SECONDS	RUNNING	369706.761164	9214
063073	CLCCK	REQUEST @	LRALT	T1=20267	SECONDS	RUNNING	369706.792648	1900
076206	CLCCK	REQUEST @	SERVICER	T1=20267	SECONDS	RUNNING	369706.796516	2230
063150	CLCCK	REQUEST @	RADAREAD	T1=20267	SECONDS	RUNNING	369706.884854	9768
066071	CLCCK	REQUEST @	MUNGRAV	T1=20313	SECONDS	RUNNING	369706.912125	2196

ASTRANAUT BEGINS SUBPROGRAM 71 AT TIME = 369706.9621

DISPLAYS = 64 06 64 +99xxx -01048 +04813 369707.000025

006071	CLCCK	REQUEST @	MUNGRAV	T1=20315	SECONDS	RUNNING	369707.018784	1197
006071	CLCCK	REQUEST @	MUNGRAV	T1=20340	SECONDS	RUNNING	369707.0212474	6872
063107	CLCCK	REQUEST @	LRVEL	T1=20364	SECONDS	RUNNING	369707.408181	4417
063150	CLCCK	REQUEST @	RADAREAD	T1=20376	SECONDS	RUNNING	369707.057963	2943
101757	CLCCK	REQUEST @	RCCIMS	T1=20405	SECONDS	RUNNING	369707.0571228	2339
063150	CLCCK	REQUEST @	RADAREAD	T1=20410	SECONDS	RUNNING	369707.062236	1326
063150	CLCCK	REQUEST @	RADAREAD	T1=20422	SECONDS	RUNNING	369707.064915	9747
063150	CLCCK	REQUEST @	RADAREAD	T1=20434	SECONDS	RUNNING	369707.064865	8276
063150	CLCCK	REQUEST @	RADAREAD	T1=20446	SECONDS	RUNNING	369707.064857	6809
073121	CLCCK	REQUEST @	QUADGUID	T1=20457	SECONDS	RUNNING	369707.992336	4316

DISPLAYS = 64 06 64 +99x58 -01048 +04818 369708.000006

072216	CLCCK	REQUEST @	THRITTLE	T1=20517	SECONDS	RUNNING	369708.313056	1642
006071	CLCCK	REQUEST @	FINDCDUW	T1=20520	SECONDS	RUNNING	369708.323671	2547
073477	CLCCK	REQUEST @	P64DISPS	T1=20554	SECONDS	RUNNING	369708.606728	6772
073476	CLCCK	REQUEST @	ENDLLJCB	T1=20554	SECONDS	RUNNING	369708.609767	6961

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

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102:41:49	3817 -	2.1	0.04	235.6	23.85	130.43	4.54	4.53	- 0.17	- 0.11	0	541	3122	-935.17
LANDING -	3464	57.7	- 1.74	- 95.1	4407	0.23	358.90	0.69	- 1.01	1.00	- 355	18823	5189	
107441	CLCK REQUEST @	READACCS						T1=20574		SECONDS	RUNNING	369708.761355		9897
063073	CLCK REQUEST @	LRALT						T1=20575		SECONDS	RUNNING	369708.773138		8893
076206	CLCK REQUEST @	SERVICER						T1=20575		SECONDS	RUNNING	369708.776906		1223
063150	CLCK REQUEST @	RADAREAD						T1=20606		SECONDS	RUNNING	369709.264853		8728
006071	CLCK REQUEST @	MUNGRAV						T1=20611		SECONDS	RUNNING	369709.263323		1200
006071	CLCK REQUEST @	MUNGRAV						T1=20623		SECONDS	RUNNING	369709.946691		9808
DISPLAYS =	64	06	64		+55X57	-01016	+146 5							3697 9.500019
006071	CLCK REQUEST @	MUNGRAV						T1=20646		SECONDS	RUNNING	369709.186986		6217
063107	CLCK REQUEST @	LRVEL						T1=20673		SECONDS	RUNNING	369709.394143		3886
063150	CLCK REQUEST @	RADAREAD						T1=20714		SECONDS	RUNNING	369709.484863		1636
101757	CLCK REQUEST @	RCGIMS						T1=20714		SECONDS	RUNNING	369709.561449		8171
063150	CLCK REQUEST @	RADAREAD						T1=20716		SECONDS	RUNNING	369709.584961		0169
063150	CLCK REQUEST @	RADAREAD						T1=20730		SECONDS	RUNNING	369709.684369		8703
063150	CLCK REQUEST @	RADARFAC						T1=20742		SECONDS	RUNNING	369709.784920		7241
063150	CLCK REQUEST @	RADAREAD						T1=20754		SECONDS	RUNNING	369709.884352		5768
073121	CLCK REQUEST @	QUAEGUID						T1=20765		SECONDS	RUNNING	369709.970195		3810
072216	CLCK REQUEST @	THRATTLE						T1=21026		SECONDS	RUNNING	369710.304324		1563
006071	CLCK REQUEST @	FINDCDUM						T1=21027		SECONDS	RUNNING	369710.313976		2387
073477	CLCK REQUEST @	P64DISRS						T1=21063		SECONDS	RUNNING	369710.594430		6319
073476	CLCK REQUEST @	ENDLLJOB						T1=21063		SECONDS	RUNNING	369710.597471		6578
063073	CLCK REQUEST @	LRALT						T1=21100		SECONDS	RUNNING	369710.724000		7376

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	RRATE	ATT-X	DPPX	DCX	THELST	RCS	APDLU
LANDING	(STABLE MEMBER COURDS)	METRIC UNITS		FORVEL	LONG	PITCH	BALL-P	CDUY	RRATE	ATT-Y	DRRY	DCY	DELTA V	DPS	PEF ILU
				ALTRATE	ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DRPZ	DCZ	MASS	ARS	
369710.7	1737337	- 29	2.8	- 1.01	0.81	- 0.26	0.50	1.09	0.17	- 0.98	472	51.8	26.4	0.83	
102:41:51	3814	- 29	2.8	- 24.3	0.85	- 120.91	0.50	0.63	- 0.37	- 0.11	472	54.0	2.87	-0.35	0.28

LMY99 AGC 001 NASA 2021112-161 NEW SIMULATION MARSROT 20414415 /EYLES LRPADAR20 ENVCONTPL #772/160 14:43 PAGE 345  
 /DUPLICATE LANDING LAST SMAR 369700

107441 CLCCK REQUEST @ READACCS T1=21114 SECONDS RUNNING 369710.761287 1557  
 076206 CLCCK REQUEST @ SERVICER T1=21105 SECONDS RUNNING 369710.771686 1445  
 063150 CLCCK REQUEST @ RADAREAD T1=21111 SECONDS RUNNING 369710.814907 5133  
 006071 CLCCK REQUEST @ MUNGRAV T1=21120 SECONDS RUNNING 369710.884352 1059  
 006071 CLCCK REQUEST @ MUNGRAV T1=21132 SECONDS RUNNING 369710.986636 9787

DISPLAYS = 64 06 04 +99X57 -10984 +14401 369710.000010

006071 CLCCK REQUEST @ MUNGRAV T1=21155 SECONDS RUNNING 369710.170986 5518  
 063107 CLCCK REQUEST @ LPVEL T1=21201 SECONDS RUNNING 369710.377476 3139  
 063150 CLCCK REQUEST @ RADAREAD T1=21213 SECONDS RUNNING 369710.474887 1451  
 101757 CLCCK REQUEST @ RDGIMS T1=21222 SECONDS RUNNING 369710.541858 7166  
 063150 CLCCK REQUEST @ RADAREAD T1=21225 SECONDS RUNNING 369710.574875 9984  
 063150 CLCCK REQUEST @ RADAREAD T1=21237 SECONDS RUNNING 369710.674857 8515  
 063150 CLCCK REQUEST @ RADAREAD T1=21251 SECONDS RUNNING 369710.774863 7049  
 063150 CLCCK REQUEST @ RADAREAD T1=21263 SECONDS RUNNING 369710.874854 5592  
 073121 CLCCK REQUEST @ QUADQUID T1=21273 SECONDS RUNNING 369710.957864 2645  
 072216 CLCCK REQUEST @ THRCTLIF T1=21304 SECONDS RUNNING 369712.0284552 0543  
 006071 CLCCK REQUEST @ FINDCLOW T1=21335 SECONDS RUNNING 369712.0294200 1366  
 073477 CLCCK REQUEST @ P64DISRS T1=21371 SECONDS RUNNING 369712.0576192 5429  
 073476 CLCCK REQUEST @ ENDLLJCB T1=21371 SECONDS RUNNING 369712.0579233 5669  
 063073 CLCCK REQUEST @ LRALY T1=21407 SECONDS RUNNING 369712.0718234 7550

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, ET, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	DGX	THEUST	RCS	APOLU
LANDING	(STABLE	MEMBER	COORDS)	FCRVEL	LCNG	PITCH	BALL-P	CDUY	QRATE	ATT-Y	DPPY	DGY	DELTA	OPS	PERILU
	METRIC	UNITS		ALTRATE	ALT	PCLL	BALL-Y	CDUZ	PRATE	ATT-Z	DPPZ	DGZ	MASS	APS	
369712.7	173728	- 28.0	2.19	1.0	0.81	- 10.37	1.50	1.41	0.10	- 10.76	420	0	5116	526.4	10.79
102:41:53	3811	- 20.0	0.13	315.3	23.84	129.18	30.29	39.28	0.31	0.00	0	0	5428	3.63	-935.39
LANDING -	3186	9.09	- 1.66	- 92.7	4.24	0.53	356.57	1.50	0.00	- 0.21	- 336	0	18754	5180	

107441 CLCCK REQUEST @ READACCS T1=21414 SECONDS RUNNING 369710.761157 1213  
 076206 CLCCK REQUEST @ SERVICER T1=21415 SECONDS RUNNING 369710.771482 1446  
 063150 CLCCK REQUEST @ RADAREAD T1=21421 SECONDS RUNNING 369710.814894 5799

LMY99 AGC 001 NASA 2021112-161 NEW SIMULATION MARSROT 20414415 /EYLES LRPADAR20 ENVCONTPL #772/160 14:43 PAGE 346  
 /DUPLICATE LANDING LAST SMAR 369700

TIME	AGC	REQ	DESCRIPTION	MARSHOT	TIME	SECONDS RUNNING	TIME	PAGE
063150			CLCK REQUEST @ RADAREAD		T1=21421	369712.814894	5799	
LMY99	AGC	001	NASA 2021112-161 NEW SIMULATION	20414415	ZEYLE S	LKPADAP2.ENVNTP/L 7/21/19 14:43	346	369700
						/DUPLICATE LANDING LAST SNAP		
006071			CLCK REQUEST @ MUNGRAV		T1=21431	369713.887155	1965	
006071			CLCK REQUEST @ MUNGRAV		T1=21442	369712.962799	1126	
DISPLAYS =	64	16	64	+99X56	-11952	+142		369713.101903
006071			CLCK REQUEST @ MUNGRAV		T1=21464	369713.167373	5877	
063107			CLCK REQUEST @ LRVFL		T1=21511	369713.374112	3519	
063150			CLCK REQUEST @ RADAREAD		T1=21523	369713.471946	1782	
101757			CLCK REQUEST @ RDCIMS		T1=21532	369713.541170	7774	
063150			CLCK REQUEST @ RADAREAD		T1=21534	369713.567115	6987	
063150			CLCK REQUEST @ RADAREAD		T1=21546	369713.664977	8320	
063150			CLCK REQUEST @ RADAREAD		T1=21560	369713.764872	6863	
063150			CLCK REQUEST @ RADAREAD		T1=21572	369713.864954	5395	
073121			CLCK REQUEST @ QUADGUID		T1=21577	369713.919939	9096	
072216			CLCK REQUEST @ THROTTLE		T1=21643	369714.271338	1096	
006071			CLCK REQUEST @ FINDCDUW		T1=21644	369714.282437	1029	
073477			CLCK REQUEST @ P64DISPS		T1=21700	369714.567963	5394	
073476			CLCK REQUEST @ ENDLLJOB		T1=21701	369714.571112	5553	
063073			CLCK REQUEST @ LRAIT		T1=21717	369714.718230	9217	

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, MMI, SFC, DEG

TIME	R	V	A	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	DGX	THRUST	RCS	APOLU
LANDING	(STABLE	MEMBER	COORDS)	LAT	PITCH	BALL-P	CDUY	GRATE	ATT-Y	DPPY	DCY	DELTA	DPS	PERILU
	METRIC	UNITS		LONG	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	DGZ	MASS	APS	
369714.7	1737225	- 27.1	2.8	2.1	1.81	- 0.34	1.53	1.64	0.10	- 0.54	421	5.44	526.4	0.75
102:41:55	3898	- 1.9	1.12	0.02.5	23.83	128.53	38.62	1.33	1.01	7	0	5451	3129	-035.48
LANDING	- 2906	87.6	- 1.61	- 89.6	3841	0.74	158.35	1.52	0.02	- 0.21	- 329	0	18721	5180

107441			CLCK REQUEST @ READACCS		T1=21724	369714.761157	1881	
076206			CLCK REQUEST @ SERVICER		T1=21725	369714.771482	2763	
063150			CLCK REQUEST @ RADAREAD		T1=21731	369714.814976	4464	
006071			CLCK REQUEST @ MUNGRAV		T1=21740	369714.86954	2686	

DISPLAYS = 64 64 +99X55 -01922 +03416 36971500007

LMY99	AGC	001	NASA 2021112-061 NEW SIMULATION	MARSKOT 20414415 /EYLES	LRPADAR20ENVCNTRFL 7/23/69 14:43	PAGE 347	7/23/69 14:43	PAGE 347
					/DUPLICATE LANDING	LAST SNAP		369700
006071	CLCCK	REQUEST @ MUNGRAV	T1=21774	SECONDS	RUNNING	3697150167191		6529
063107	CLCCK	REQUEST @ LRVFL	T1=22021	SECONDS	RUNNING	369715037341		4125
063150	CLCCK	REQUEST @ RADAREAD	T1=22032	SECONDS	RUNNING	3697150460834		2353
101757	CLCCK	REQUEST @ RDGIMS	T1=22042	SECONDS	RUNNING	3697150541182		8442
063150	CLCCK	REQUEST @ RADAREAD	T1=22044	SECONDS	RUNNING	3697150564921		467
063150	CLCCK	REQUEST @ RADARFAD	T1=22056	SECONDS	RUNNING	3697150664971		8996
063150	CLCCK	REQUEST @ RADARFAD	T1=22071	SECONDS	RUNNING	3697150764873		7530
063150	CLCCK	REQUEST @ RADARFAD	T1=22102	SECONDS	RUNNING	3697150864877		6164
073121	CLCCK	REQUEST @ QUADGUJD	T1=22113	SECONDS	RUNNING	3697150960009		3415
072216	CLCCK	REQUEST @ THROTTLE	T1=22153	SECONDS	RUNNING	3697160278804		1385
006071	CLCCK	REQUEST @ FINDCCLW	T1=22154	SECONDS	RUNNING	3697160289792		2323
073477	CLCCK	REQUEST @ P64DISPS	T1=22211	SECONDS	RUNNING	3697160571006		6397
073476	CLCCK	REQUEST @ ENDLLJCB	T1=22211	SECONDS	RUNNING	3697160574946		6656
063073	CLCCK	REQUEST @ LRAALT	T1=22230	SECONDS	RUNNING	3697160721376		9152

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	OGX	TH-UST	RLS	APOLU
LANDING	(STABLE MEMBER METRIC)	COORDS	FCRVEL	ALT	LONG	PITCH	BALL-P	CDUY	PRATE	ATT-Y	DPPY	OGY	DELTA V	OPS	PEPILU
369716.7	1737172	- 26.2	2.07	3.2	0.81	- 0.31	0.56	1.86	0.10	- 0.32	420	0	4968	526.4	0.71
102:41:57	3865	- 1.9	3.03	292.0	23.83	127.90	37.99	37.09	0.33	0.00	7	0	5445	2996	-935.58
LANDING	2734	84.4	- 1.57	- 86.5	3665	0.95	358.12	0.56	0.12	- 0.11	- 32	0	16687	5180	

107441	CLCCK	REQUEST @ READACCS	T1=22234	SECONDS	RUNNING	3697160761157		2546
076206	CLCCK	REQUEST @ SERVICER	T1=22235	SECONDS	RUNNING	3697160771682		3427
063150	CLCCK	REQUEST @ RADAREAD	T1=22241	SECONDS	RUNNING	3697160814877		7131
006071	CLCCK	REQUEST @ MUNGRAV	T1=22250	SECONDS	RUNNING	3697160884651		3194
006071	CLCCK	REQUEST @ MUNGRAV	T1=22262	SECONDS	RUNNING	3697160986691		1792

DISPLAYS = 64 16 64 +99X55 -00891 +03834 369716000024

006071	CLCCK	REQUEST @ MUNGRAV	T1=22304	SECONDS	RUNNING	3697170168363		7294
063107	CLCCK	REQUEST @ LRVFL	T1=22331	SECONDS	RUNNING	3697170176304		6039
063150	CLCCK	REQUEST @ RADAREAD	T1=22343	SECONDS	RUNNING	3697170174857		3467

TIME	REQUEST	MODE	T1	STATUS	TIME	TIME
101757	CLCCK REQUEST @ REGIMS		T1=22252	SECONDS RUNNING	369717.541160	91.7
063150	CLCCK REQUEST @ RADAREAD		T1=22355	SECONDS RUNNING	369717.576728	2142
063150	CLCCK REQUEST @ RADAREAD		T1=22367	SECONDS RUNNING	369717.674902	2519
063150	CLCCK REQUEST @ RADAREAD		T1=22401	SECONDS RUNNING	369717.774450	2949
063150	CLCCK REQUEST @ RADAREAD		T1=22413	SECONDS RUNNING	369717.874925	7588
073121	CLCCK REQUEST @ QUADGUC		T1=22423	SECONDS RUNNING	369717.957791	4659
072216	CLCCK REQUEST @ THROTTLE		T1=22464	SECONDS RUNNING	369718.285538	2627
006071	CLCCK REQUEST @ FINDCDUW		T1=22465	SECONDS RUNNING	369718.295187	2450
073477	CLCCK REQUEST @ P64DISPS		T1=22521	SECONDS RUNNING	369718.577469	7538
073476	CLCCK REQUEST @ ENCLLJOB		T1=22522	SECONDS RUNNING	369718.581745	7903
063073	CLCCK REQUEST @ LRLAT		T1=22537	SECONDS RUNNING	369718.718232	9550

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, MPH, SEC, GFC

TIME	R	V	A	LATVEL	LAT	YAW	BALL-P	CDUX	PRATE	ATT-X	DPPX	DGX	THEUST	CS	APDU
LANDING	(STABLE MEMBER	METRIC	UNITS	FORVEL	LONG	PITCH	BALL-P	CDUY	GRATE	ATT-Y	DPPY	DGY	DLTAV	PPS	PEPILU
				ALTRATE	ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	DGZ	MASS	APS	
369718.7	1737120	- 25.3	2.16	4.2	0.81	- 0.27	2.59	2.09	0.10	0.00	417	0	4.97	526.4	0.68
102:41:59	3802	- 1.8	0.03	281.9	23.82	127.37	37.46	7.46	0.19	0.00	7	0	54.78	24.63	-935.66
LANDING	- 2567	81.3	- 1.53	- 3.64	3495	1.17	357.90	1.59	1.02	- 0.11	- 312		186.65	5180	

TIME	REQUEST	MODE	T1	STATUS	TIME	TIME
107441	CLCCK REQUEST @ READACCS		T1=22544	SECONDS RUNNING	369718.761157	3213
076206	CLCCK REQUEST @ SERVICER		T1=22545	SECONDS RUNNING	369718.771481	4094
063150	CLCCK REQUEST @ RADAREAD		T1=22551	SECONDS RUNNING	369718.814873	7797
006071	CLCCK REQUEST @ MUNGRAV		T1=22560	SECONDS RUNNING	369718.866347	3938
006071	CLCCK REQUEST @ MUNGRAV		T1=22572	SECONDS RUNNING	369719.081631	2112

DISPLAYS = 64 06 64 +99X54 -00857 +03659 369719.100003

TIME	REQUEST	MODE	T1	STATUS	TIME	TIME
006071	CLCCK REQUEST @ MUNGRAV		T1=22614	SECONDS RUNNING	369719.167941	7917
063107	CLCCK REQUEST @ LRVFL		T1=22641	SECONDS RUNNING	369719.375706	5595
063150	CLCCK REQUEST @ RADAREAD		T1=22653	SECONDS RUNNING	369719.474866	4116
101757	CLCCK REQUEST @ REGIMS		T1=22662	SECONDS RUNNING	369719.541160	9772



072216	CLCK REQUEST @ THROTTLE	T1=23304	SECONDS RUNNING	369722.28362	3796
006071	CLCK REQUEST @ FINDERDOWN	T1=23395	SECONDS RUNNING	369722.283272	4620
073477	CLCK REQUEST @ P64DISPS	T1=23341	SECONDS RUNNING	369722.575561	8709
073476	CLCK REQUEST @ ENCLLJCB	T1=23341	SECONDS RUNNING	369722.578604	8968
063073	CLCK REQUEST @ LRLAT	T1=23357	SECONDS RUNNING	369722.719966	1031

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NM, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CCUX	PRATE	ATT-X	DPPX	CCX	THPUST	XCS	APOLU				
LANDING	(STABLE	MEMBER	COORDS)	FORVEL	LONG	PITCH	BALL-P	CDIY	GRATE	ATT-Y	DPPY	CGY	DELTAV	OPS	PERILU				
	METRIC	UNITS		ALTRATE	ALT	ROLL	BALL-Y	CRUZ	RRATE	ATT-Z	DPPZ	DGZ	MASS	APS					
369722.7	1737.22	-	23.5	2.05	5.9	0.81	-	0.26	0.58	2.54	0.10	0.32	414	4777	526.4	0.61			
102:42:3	3797	-	1.7	0.03	262.1	23.81	126.16	36.24	36.23	-	0.21	0.00	7	0	5503	2899	-935.82		
LANDING	2252	-	75.3	-	1.45	-	77.6	3173	1.6	0.57	0.44	0.58	-	0.10	-	2.97	0	1850	5190
107441	CLCK REQUEST @ READACCS	T1=23364	SECONDS RUNNING	369722.761157	4546														
076206	CLCK REQUEST @ SERVICER	T1=23365	SECONDS RUNNING	369722.771487	5428														
063150	CLCK REQUEST @ RADAREAD	T1=23371	SECONDS RUNNING	369722.814869	9130														
006071	CLCK REQUEST @ MUNGRAV	T1=23400	SECONDS RUNNING	369722.885341	5143														
006071	CLCK REQUEST @ MUNGRAV	T1=23412	SECONDS RUNNING	369722.889000	3989														
DISPLAYS =	64	76	64		+99X53	-00800	+03323									369722.000000			
006071	CLCK REQUEST @ MUNGRAV	T1=23434	SECONDS RUNNING	369723.169882	9424														
063107	CLCK REQUEST @ LRVEL	T1=23461	SECONDS RUNNING	369723.377384	7131														
063150	CLCK REQUEST @ RADAREAD	T1=23473	SECONDS RUNNING	369723.474875	6450														
101757	CLCK REQUEST @ RDEIMS	T1=23502	SECONDS RUNNING	369723.541452	1131														
063150	CLCK REQUEST @ RADAREAD	T1=23505	SECONDS RUNNING	369723.574854	3982														
063150	CLCK REQUEST @ RADAREAD	T1=23517	SECONDS RUNNING	369723.674885	2513														
063150	CLCK REQUEST @ RADAREAD	T1=23531	SECONDS RUNNING	369723.774917	1054														
063150	CLCK REQUEST @ RADAREAD	T1=23543	SECONDS RUNNING	369723.874873	9583														
073121	CLCK REQUEST @ QUATGVIC	T1=23553	SECONDS RUNNING	369723.959559	6817														

072216	CLOCK REQUEST @ THRTTL	T1=23614	SECONDS RUNNING	74974.86731	4779
066071	CLOCK REQUEST @ FINDCDUW	T1=23615	SECONDS RUNNING	869724.296367	5552
073477	CLOCK REQUEST @ P64DISPS	T1=23651	SECONDS RUNNING	749724.578822	9554



073476 CLCK REQUEST @ ENDLJCB T1=23652 SECONDS RUNNING 369724.583198 6019  
 063073 CLCK REQUEST @ LRLAT T1=23667 SECONDS RUNNING 369724.0718231 1550

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SFC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	DGX	THRUST	PCS	APOLU	
LANDING	(STABLE MEMBER	COORDS)	FCRVEL	LCNG	PI-CH	BALL-P	CDUY	ORATE	ATT-Y	DPPY	DGY	DEL-TAV	UPS	PEPILU		
	METRIC	UNITS	ALTRATE	ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	DGZ	MASS	APS			
369724.7	1736576	- 22.7	2.74	6.7	0.81	- 7.47	0.44	2.78	0.10	0.54	413	0	47.0	526.4	0.58	
102:42:5	3795	- 1.6	0.02	252.6	23.87	125.62	35.70	35.65	0.19	0.10	6	0	5515	2467	-935.89	
LANDING	- 2104	72.4	- 1.42	- 74.7	3021	1.80	357.22	0.43	0.10	0.07	- 28.0	0	18550	5189		
107441	CLCK REQUEST @	READACC						T1=23674		SECONDS	RUNNING		369724.761157		5213	
076206	CLCK REQUEST @	SFRVICER						T1=23675		SECONDS	RUNNING		369724.771486		6704	
063150	CLCK REQUEST @	RADAREAD						T1=23711		SECONDS	RUNNING		369724.814863		9794	
006071	CLCK REQUEST @	MUNGRAV						T1=23710		SECONDS	RUNNING		369724.988356		6067	
006071	CLCK REQUEST @	MUNGRAV						T1=23722		SECONDS	RUNNING		369724.983514		4187	
DISPLAYS =	64	06	64		+58x52	- 0	1765	+13165								369725.000001
006071	CLCK REQUEST @	MUNGRAV						T1=23744		SECONDS	RUNNING		369725.167816		9914	
063107	CLCK REQUEST @	LRLVEL						T1=23771		SECONDS	RUNNING		369725.375721		7656	
063150	CLCK REQUEST @	RADAREAD						T1=24013		SECONDS	RUNNING		369725.474965		6116	
101757	CLCK REQUEST @	RDCIMS						T1=24012		SECONDS	RUNNING		369725.54121		1777	
063150	CLCK REQUEST @	RADAREAD						T1=24015		SECONDS	RUNNING		369725.574861		4649	
063150	CLCK REQUEST @	RADAREAD						T1=24127		SECONDS	RUNNING		369725.674871		3183	
063150	CLCK REQUEST @	RADAREAD						T1=24141		SECONDS	RUNNING		369725.774968		1716	
063150	CLCK REQUEST @	RADAREAD						T1=24153		SECONDS	RUNNING		369725.874851		0248	
073121	CLCK REQUEST @	QUADGUID						T1=24063		SECONDS	RUNNING		369725.955575		7131	
072216	CLCK REQUEST @	THRDTTLE						T1=24124		SECONDS	RUNNING		369726.081854		4979	
006071	CLCK REQUEST @	FIADCCUH						T1=24125		SECONDS	RUNNING		369726.201509		5873	
073477	CLCK REQUEST @	P64DISPS						T1=24161		SECONDS	RUNNING		369726.477411		742	

073476	CLOCK REQUEST @ ENCLLJCB	T1=241.62	SECONDS RUNNING	369726.71823	2217
063073	CLOCK REQUEST @ LRALT	T1=241.77	SECONDS RUNNING	369726.71823	2217

369726.7 1736931 - 21.8 2.02 7.3 0.81 - 0.50 0.33 2.98 0.10 0.76 409 4643 526.4 0.55  
 102:42: 7 3792 - 1.6 0.02 243.4 23.80 125.10 35.17 35.16 - 0.37 0.00 A 5527 2836 -935.96  
 LANDING - 1961 69.6 - 1.38 - 72.0 2874 2.00 357.0 0.34 0.02 - 0.10 - 282 18527 5189

107441 CLCCK REQUEST @ READACCS T1=24204 SECONDS RUNNING 369726.761157 6985  
 076206 CLCCK REQUEST @ SERVICER T1=24205 SECONDS RUNNING 369726.771485 6761  
 063150 CLCCK REQUEST @ RADAREAD T1=24211 SECONDS RUNNING 369726.814858 0462  
 006071 CLCCK REQUEST @ MUNGRAV T1=24220 SECONDS RUNNING 369726.887462 4658  
 006071 CLCCK REQUEST @ MUNGRAV T1=24232 SECONDS RUNNING 369726.985322 5129

DISPLAYS = 64 06 64 +96x51 -00741 +03012 369726.000005

006071 CLCCK REQUEST @ MUNGRAV T1=24254 SECONDS RUNNING 369727.169192 0699  
 063107 CLCCK REQUEST @ LRVFL T1=24371 SECONDS RUNNING 369727.374316 8254  
 063150 CLCCK REQUEST @ RADAREAD T1=24313 SECONDS RUNNING 369727.474881 6794  
 101757 CLCCK REQUEST @ RDGIMS T1=24322 SECONDS RUNNING 369727.541163 2447  
 063150 CLCCK REQUEST @ RADAREAD T1=24325 SECONDS RUNNING 369727.575309 5354  
 063150 CLCCK REQUEST @ RADAREAD T1=24337 SECONDS RUNNING 369727.674915 3853  
 063150 CLCCK REQUEST @ RADAREAD T1=24351 SECONDS RUNNING 369727.774958 2382  
 063150 CLCCK REQUEST @ RADAREAD T1=24363 SECONDS RUNNING 369727.874863 1916  
 073121 CLCCK REQUEST @ QUADGUID T1=24373 SECONDS RUNNING 369727.954781 7736  
 072216 CLCCK REQUEST @ THROTTLE T1=24434 SECONDS RUNNING 369728.284349 5901  
 006071 CLCCK REQUEST @ FINDCDLW T1=24435 SECONDS RUNNING 369728.294498 6725  
 073477 CLCCK REQUEST @ P64DISPS T1=24471 SECONDS RUNNING 369728.575917 1738  
 073476 CLCCK REQUEST @ ENDDLJCR T1=24471 SECONDS RUNNING 369728.578047 0998  
 063073 CLCCK REQUEST @ LRLAT T1=24510 SECONDS RUNNING 369729.721380 3152

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME R Y A LATVEL LAT YAW BALL-R CDUX PRATE ATT-X DPPX DGX THPST RC APRILH  
 LANDING (STABLE MEMBER METRIC COGRDS) FORVEL LONG LONG PITCH BALL-P CDUX QRATE ATT-Y DPPY DGY FELTAV RPS PERILU  
 METRIC UNITS ALTRATE ALT RCLL FALL-Y CDUZ RRATE ATT-Z DPPZ DGZ MASS APS

369728.7 1736931 - 21.8 2.02 7.3 0.81 - 0.50 0.33 3.02 0.10 0.54 418 4657 526.4 0.52

102:42:5 3798 - 1.5 1.0 1.1 1.34.4 1.07 124.45 34.52 2.19 356.78 1.18 - 1.18 1.01 - 272 1.18497 5189

LMY99 AGC 001 NASA 2121112-061 NEW SIMULATION MARSROT 21414415 /EYLES LRRADAR2.ENVNTRL 17/23/60 14:43 PAGE 353  
/DUPLICATE LANDING LAST SNAP 369700

107441	CLCK	REQUEST @	READACCS	T1=24514	SECONDS	RUNNING	369728.761157	6546
076206	CLCK	REQUEST @	SERVICER	T1=24515	SECONDS	RUNNING	369728.771485	7428
063150	CLCK	REQUEST @	RADAREAD	T1=24521	SECONDS	RUNNING	369728.814865	1129
006071	CLCK	REQUEST @	MUNGRAV	T1=24530	SECONDS	RUNNING	369728.884903	716
006071	CLCK	REQUEST @	MUNGRAV	T1=24542	SECONDS	RUNNING	369728.986310	5759
DISPLAYS = 64 16 64 +94X51 -00714 +02864								369729.000006
006071	CLCK	REQUEST @	MUNGRAV	T1=24564	SECONDS	RUNNING	369729.169416	1384
063107	CLCK	REQUEST @	LRVEL	T1=24611	SECONDS	RUNNING	369729.377666	9155
063150	CLCK	REQUEST @	RADAREAD	T1=24623	SECONDS	RUNNING	369729.474859	7449
101757	CLCK	REQUEST @	RDGIMS	T1=24632	SECONDS	RUNNING	369729.541711	3154
063150	CLCK	REQUEST @	RADAREAD	T1=24635	SECONDS	RUNNING	369729.575118	6074
063150	CLCK	REQUEST @	RADAREAD	T1=24647	SECONDS	RUNNING	369729.674877	4517
063150	CLCK	REQUEST @	RADAREAD	T1=24661	SECONDS	RUNNING	369729.774861	3049
063150	CLCK	REQUEST @	RADAREAD	T1=24673	SECONDS	RUNNING	369729.874858	1582
073121	CLCK	REQUEST @	QUADGUID	T1=24703	SECONDS	RUNNING	369729.959958	8944
072216	CLCK	REQUEST @	THRATTLE	T1=24744	SECONDS	RUNNING	369730.288107	6846
006071	CLCK	REQUEST @	FINCCUM	T1=24745	SECONDS	RUNNING	369730.297761	7670
073477	CLCK	REQUEST @	P64DISPS	T1=25002	SECONDS	RUNNING	369730.681862	1913
073476	CLCK	REQUEST @	ENOLLJDR	T1=25002	SECONDS	RUNNING	369730.684911	2172
063073	CLCK	REQUEST @	LPALT	T1=25017	SECONDS	RUNNING	369730.718235	3550

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PPATF	ATT-X	DPPX	DGX	THRUST	PCS	APOLU
LANDING	(STAELE MEMBER METRIC)	COORDS	FORVEL	LCNG	PITCH	ROLL	BALL-P	CDUY	QRATE	ATT-Y	DPPY	DGY	DELTA V	DPS	PFRILU
		UNITS	ALTDATE	ALT			BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	DGZ	MASS	APS	
369730.7	1736847	- 2.02	2.011	8.03	1.81	- 0.93	359.92	3.41	0.10	0.65	4.06		4520	526.4	0.49
102:42:11	3798	- 1.5	1.071	225.6	23.79	123.88	23.94	33.94	0.35	0.00	2		5551	2775	-936.08
LANDING	- 1692	64.2	- 1.31	- 66.7	2596	2.35	356.57	- 0.07	0.01	- 0.32	- 267		18466	5189	

107441	CLCK	REQUEST @	READACCS	T1=25024	SECONDS	RUNNING	369730.761156	7213
076206	CLCK	REQUEST @	SERVICER	T1=25025	SECONDS	RUNNING	369730.771476	8104
063150	CLCK	REQUEST @	RADAREAD	T1=25031	SECONDS	RUNNING	369730.814913	1911

LMY99 AGC 001 NASA 2121112-061 NEW SIMULATION MARSROT 21414415 /EYLES LRRADAR2.ENVNTRL 17/23/60 14:43 PAGE 354  
/DUPLICATE LANDING LAST SNAP 369700

063150 CLCCK REQUEST @ RADAREAD T1=25131 SECONDS RUNNING 369730.814913 1000  
 LMY99 AGC 001 NASA 2 21112-161 NEW SIMULATION MARSROT 20614415 ZEYLES LRFADAR20 ENVNTEFL 07/23/78 14:43 PAGE 354  
 /DUPLICATE LANDING LAST SNAP 369700

006071 CLCCK REQUEST @ MUNGRAV T1=25040 SECONDS RUNNING 369730.86749 7930

006071 CLCCK REQUEST @ MUNGRAV T1=25152 SECONDS RUNNING 369730.982542 6104

DISPLAYS = 64 16 64 +92X5 -00687 + 2723 369730.99001

006071 CLCCK REQUEST @ MUNGRAV T1=25074 SECONDS RUNNING 369730.167610 1897

063107 CLCCK REQUEST @ LRVEL T1=25121 SECONDS RUNNING 369730.274146 9521

063150 CLCCK REQUEST @ RADAREAD T1=25133 SECONDS RUNNING 369730.471227 7936

101757 CLCCK REQUEST @ RDGIMS T1=25142 SECONDS RUNNING 369730.541149 2774

063150 CLCCK REQUEST @ RADAREAD T1=25144 SECONDS RUNNING 369730.567747 6042

063150 CLCCK REQUEST @ RADAREAD T1=25156 SECONDS RUNNING 369730.664882 4231

063150 CLCCK REQUEST @ RADAREAD T1=25170 SECONDS RUNNING 369730.764890 2865

063150 CLCCK REQUEST @ RADAREAD T1=25202 SECONDS RUNNING 369730.864854 1395

073121 CLCCK REQUEST @ QJADGJID T1=25213 SECONDS RUNNING 369730.964848 9175

072216 CLCCK REQUEST @ THRATTLE T1=25253 SECONDS RUNNING 369730.279645 6791

006071 CLCCK REQUEST @ FINDCPLA T1=25255 SECONDS RUNNING 369730.200526 7729

073477 CLCCK REQUEST @ P64DISPS T1=25312 SECONDS RUNNING 369730.582082 2599

073476 CLCCK REQUEST @ ENDLLJOB T1=25312 SECONDS RUNNING 369730.585121 2858

063073 CLCCK REQUEST @ LRALT T1=25327 SECONDS RUNNING 369730.718229 4216

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LRS, FT, NMI, SEC, DEG

TIME	V	A	LATVEL	LAT	VAV	BALL-R	CDUV	PRA-F	ATT-X	DppX	DCX	THUST	DPS	POLU					
LANDING	(STABLE METRIC	MEMBER UNITS	COORDS)	FORVEL ALTRATE	LCNG ALT	PITCH ROLL	BALL-P BALL-Y	CDUZ RRATE	ATT-Y ATT-Z	DPPY DPPZ	DCY DG7	DELTA MASS	DPS APS	PERILU					
369732.7	1736807	-	19.4	2.00	8.6	0.81	-	0.81	0.06	0.87	405	4473	526.4	0.46					
102:42:13	3786	-	1.5	0.01	217.1	23.79	123.17	33.23	0.35	-	0.10	562	2745	-936.13					
LANDING -	1565		61.6	-	1.27	-	64.1	2465	2.51		356.36	0.36	0.14	-	0.21	-	250	19436	5180

107441 CLCCK REQUEST @ READACCS T1=25334 SECONDS RUNNING 369730.761157 7890

076206 CLCCK REQUEST @ SERVICER T1=25335 SECONDS RUNNING 369730.771483 8761

063150 CLCCK REQUEST @ RADAREAD T1=25341 SECONDS RUNNING 369730.818104 2738

006071 CLCCK REQUEST @ MUNGRAV T1=25357 SECONDS RUNNING 369730.953418 4286

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPYX	DCX	TRFUST	POS	APOLU	
LANDING	(STABLE	MEMBER	COORDS)	FLVEL	LCNG	PITCH	BALL-P	CDUY	ORATE	ATT-Y	DPY Y	DCY	DELTA V	OPS	PERILU	
	METRIC	UNITS	ALTRATE	ALT	ROLL	BALL-Y	CDUZ	PRATE	ATT-Z	DPYZ	DCZ	MASS	APS			
006071	CLCK	REQUEST	@ MUNGRAV													4256
063107	CLCK	REQUEST	@ LRVEL													3769
063150	CLCK	REQUEST	@ RADAREAD													2197
101757	CLCK	REQUEST	@ RDGIMS													7880
063150	CLCK	REQUEST	@ RACAREAD													9802
063150	CLCK	REQUEST	@ RACAREAD													9558
063150	CLCK	REQUEST	@ RADAREAD													7796
063150	CLCK	REQUEST	@ RADAREAD													6328
073121	CLCK	REQUEST	@ QUACQUIC													4849
072216	CLCK	REQUEST	@ THROTTLE													1310
006071	CLCK	REQUEST	@ FINCCPUW													4547
073477	CLCK	REQUEST	@ P64DISPS													6479
073476	CLCK	REQUEST	@ ENCLLJOB													6817

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPYX	DCX	TRFUST	POS	APOLU			
LANDING	(STABLE	MEMBER	COORDS)	FLVEL	LCNG	PITCH	BALL-P	CDUY	ORATE	ATT-Y	DPY Y	DCY	DELTA V	OPS	PERILU			
	METRIC	UNITS	ALTRATE	ALT	ROLL	BALL-Y	CDUZ	PRATE	ATT-Z	DPYZ	DCZ	MASS	APS					
369734.7	1736769	-	18.7	2.00	8.6	0.81	-	0.55	0.33	3.75	0.05	1.09	414	0	4417	526.6	0.44	
102:42:15	3769	-	1.5	0.02	218.9	23.78	122.51	32.57	0.27	0.10	3	2	5573	2716	-936.18			
LANDING	1453		59.1	-	1.23	-	61.5	2340	2.59	356.24	0.32	0.09	0.00	-	252	3	18607	5186

107441	CLCK	REQUEST	@ REACACCS													8547
063073	CLCK	REQUEST	@ LRAIT													1487
076206	CLCK	REQUEST	@ SERVICEK													1817
063150	CLCK	REQUEST	@ RACAREAD													9959
006071	CLCK	REQUEST	@ MUNGRAV													1497

006071	CLCK	REQUEST	@ MUNGRAV													823
063107	CLCK	REQUEST	@ LRVEL													4177
063150	CLCK	REQUEST	@ RADAREAD													6224
101757	CLCK	REQUEST	@ RDGIMS													8055

LRRADAR2 ENVNCTPL 7/7/6 14:47 0307 356  
 /DUPLICATE LANDING LAST SNAR 369799  
 LMY99 AGC FBI NASA 2 21112-301 NEW SIMULATION MARSECT 20414415 /EYLES

063150	CLCCK REQUEST @ RADAREAD	T1=25755	SECONDS RUNNING	369735.494864	1156
063150	CLCCK REQUEST @ RADAREAD	T1=25767	SECONDS RUNNING	369735.594373	9690
063150	CLCCK REQUEST @ RADAREAC	T1=26001	SECONDS RUNNING	369735.694869	8223
063150	CLCCK REQUEST @ RADAREAD	T1=26013	SECONDS RUNNING	369735.794906	6759
073121	CLCCK REQUEST @ QUACCUJD	T1=26023	SECONDS RUNNING	369735.874915	3587
072216	CLCCK REQUEST @ THRNTLIF	T1=26162	SECONDS RUNNING	369735.183241	9897
006071	CLCCK REQUEST @ FINCCDUW	T1=26063	SECONDS RUNNING	369735.192477	1720
073477	CLCCK REQUEST @ P64DISPS	T1=26121	SECONDS RUNNING	369735.491313	6186
073476	CLCCK REQUEST @ ENDLLJOB	T1=26121	SECONDS RUNNING	369735.494350	6445
063073	CLCCK REQUEST @ LRLALT	T1=26147	SECONDS RUNNING	369735.718228	5551

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME LANDING	R (STABLE MEMBER METRIC	V COORDS) UNITS	A FORVEL ALTPATE	LATVEL LONG ALT	YAW PITCH ROLL	BALL-K BALL-P BALL-Y	CPUX CPUY CPUZ	PRATE PRATE PRATE	ATT-X ATT-Y ATT-Z	DPPX DPPY DPPZ	DCY DGY DGZ	THRUST DELTA V MASS	RCS OPS APS	APDU PERILU PERILU
369736.7	1726732	- 17.9	1.98	8.7	0.81	- 0.54	0.34	3.87	0.05	1.20	4.0	4.45	526.4	0.41
102:42:17	3767	- 1.5	0.02	200.9	23.78	121.93	21.99	31.98	0.33	0.00	5	5584	2686	-936.23
LANDING	- 1336	56.6	- 1.19	- 59.1	2219	2.68	356.12	0.34	0.02	0.00	- 244	0	18378	5189

107441	CLCCK REQUEST @ REACACCS	T1=26154	SECONDS RUNNING	369736.761156	9213
076206	CLCCK REQUEST @ SERVICER	T1=26155	SECONDS RUNNING	369736.771474	0093
063150	CLCCK REQUEST @ RACARFAC	T1=26161	SECONDS RUNNING	369736.814868	3796
006071	CLCCK REQUEST @ MUNGRAV	T1=26170	SECONDS RUNNING	369736.886880	6941
006071	CLCCK REQUEST @ MUNGRAV	T1=26202	SECONDS RUNNING	369736.982832	9129
DISPLAYS =	64 06 64	+80X48	-00609	+02301	369737.100011
006071	CLCCK REQUEST @ MUNGRAV	T1=26224	SECONDS RUNNING	369737.167038	3848
063107	CLCCK REQUEST @ LRVFL	T1=26251	SECONDS RUNNING	369737.037424	1540
063150	CLCCK REQUEST @ RADAREAD	T1=26263	SECONDS RUNNING	369737.071912	9779
101757	CLCCK REQUEST @ RDCIMS	T1=26272	SECONDS RUNNING	369737.041175	5774
063150	CLCCK REQUEST @ RACAREAD	T1=26274	SECONDS RUNNING	369737.056726	7990

TIME	AGC	REQ	TYPE	TIME	STATUS	TIME	PAGE
063150		CLCK	REQUEST @ RADARFAC	T1=26320	SECONDS RUNNING	369737.764935	482
063150		CLCK	REQUEST @ RADARFAC	T1=26320	SECONDS RUNNING	369737.764935	482
LMY99	AGC	001	NASA 2021112-061 NEW SIMULATION	MARSHOT 20414415 /EYLES	LPRADAR? ENVCNTRL 7/27/60 14:43	PAGE 257	369700
					/DUPLICATE LANDING	LAST SNAP	
063150		CLCK	REQUEST @ RADAREAD	T1=26332	SECONDS RUNNING	369737.864935	362
073121		CLCK	REQUEST @ QUADGUID	T1=26343	SECONDS RUNNING	369737.952772	897
072216		CLCK	REQUEST @ THRCTLLE	T1=26403	SECONDS RUNNING	369738.277170	8570
006071		CLCK	REQUEST @ FINDCDUW	T1=26404	SECONDS RUNNING	369738.288142	9516
073477		CLCK	REQUEST @ P64DISPS	T1=26443	SECONDS RUNNING	369738.574368	3940
073476		CLCK	REQUEST @ ENDLJCR	T1=26441	SECONDS RUNNING	369738.577444	4199
063073		CLCK	REQUEST @ LRLALT	T1=26457	SECONDS RUNNING	369738.718227	6216

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-P	CDUX	PRATE	ATT-X	DPPY	DGX	THRUST	RCS	APOLU
LANDING	(STABLE MEMBER METRIC UNITS)	(COORDS)	(FOURVEL ALTRATE)	(FOURVEL ALT)	(PITCH RDLL)	(BALL-P BALL-Y)	(CDUX CDUZ)	(PRATE RRATE)	(ATT-X ATT-Y ATT-Z)	(DPPY DPPZ)	(DGX DGY DGT)	(THRUST DELTAV MASS)	(RCS DPS APS)	(APOLU PERILU)	
369738.7	1736697	- 17.2	1.98	6.00	0.87	- 0.59	0.30	3.98	0.75	1.31	3.99	0	4300	526.4	0.30
102:42:19	3765	- 1.4	0.01	192.1	23.77	121.28	31.33	31.37	0.21	0.00	4	0	5545	2658	936.27
LANDING	1225	54.3	- 1.16	- 56.7	21.3	2.76	256.00	0.25	0.01	0.00	- 236	0	18340	51.80	
107441		CLOCK	REQUEST @ REARACCS	T1=26464	SECONDS RUNNING	369738.761157	998								
076206		CLCK	REQUEST @ SERVICER	T1=26465	SECONDS RUNNING	369738.771481	761								
063150		CLCK	REQUEST @ RADARFAC	T1=26471	SECONDS RUNNING	369738.814952	4462								
006071		CLCK	REQUEST @ MUNCFAC	T1=265	SECONDS RUNNING	369738.887234	0638								
006071		CLCK	REQUEST @ MUNGRAV	T1=26512	SECONDS RUNNING	369738.985569	929								
DISPLAYS =	64	06	64		+24x48	-00586	+02210								369738.000013
006071		CLCK	REQUEST @ MUNCFAC	T1=26535	SECONDS RUNNING	369739.017365	4790								
063107		CLCK	REQUEST @ LRVEL	T1=26561	SECONDS RUNNING	369739.376559	2394								
063150		CLCK	REQUEST @ RADAREAD	T1=26573	SECONDS RUNNING	369739.474886	0785								
101757		CLCK	REQUEST @ RDCIMS	T1=26602	SECONDS RUNNING	369739.541166	6440								
063150		CLCK	REQUEST @ PAEAREAD	T1=26605	SECONDS RUNNING	369739.576473	9453								
063150		CLCK	REQUEST @ RADAREAD	T1=26617	SECONDS RUNNING	369739.674866	7849								
063150		CLCK	REQUEST @ RADARFAC	T1=26631	SECONDS RUNNING	369739.774928	6388								
063150		CLCK	REQUEST @ RADARFAC	T1=26643	SECONDS RUNNING	369739.874958	4015								
073121		CLCK	REQUEST @ QUADGUID	T1=26653	SECONDS RUNNING	369739.954587	1710								
072216		CLCK	REQUEST @ THRCTLLE	T1=26714	SECONDS RUNNING	369740.284024	9821								



063150	CLCK REQUEST @ RADARFAC	T1=26617	SECONDS RUNNING	369700.674866	7849
063150	CLCK REQUEST @ RADARFAC	T1=26631	SECONDS RUNNING	369739.774928	6388
063150	CLCK REQUEST @ RADARFAC	T1=26643	SECONDS RUNNING	369739.874958	4915
073121	CLCK REQUEST @ QUADGUID	T1=26653	SECONDS RUNNING	369739.954587	1710
072216	CLCK REQUEST @ THROTTLE	T1=26714	SECONDS RUNNING	369740.284724	9831

066071	CLCCK REQUEST @ FINDCDUW	T1=26715	SECONDS RUNNING	36974 0293667	054
073477	CLCCK REQUEST @ P64DISPS	T1=26751	SECONDS RUNNING	36974 057614P	4750
073476	CLCCK REQUEST @ ENDLLJCB	T1=26751	SECONDS RUNNING	36974 0579184	5018
063073	CLCCK REQUEST @ LRLAT	T1=26770	SECONDS RUNNING	36974 0721366	7151

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-P	CDUX	PRATE	ATT-X	DPPX	OGX	THP	RCS	APOLU
LANDING	(STABLE MEMBER	VELOCITY	ALTITUDE	FORVEL	LONG	PITCH	BALL-P	CDUY	QRATE	ATT-Y	DPPY	OGY	PELTAV	OPS	PERILU
	METRIC	UNITS		ALTRATE	ALT	RCLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	OGZ	MASS	APS	
369740.7	1736663	- 16.5	1.97	8.6	1.81	- 0.70	0.19	4.10	0.15	1.42	397	0	4253	52.04	0.37
102:42:21	3763	- 1.4	1.01	185.5	22.77	120.68	3.074	31.72	- 0.34	0.00	3	0	5615	262.0	-936.31
LANDING -	1118	52.0	- 1.13	- 54.3	1592	2.83	355.88	0.19	- 0.14	0.00	- 230	0	18321	5189	

107441	CLCCK REQUEST @ READACCS	T1=26774	SECONDS RUNNING	369740.761156	0546
076206	CLCCK REQUEST @ SFRVICER	T1=26775	SECONDS RUNNING	36974 05771473	1427
063150	CLCCK REQUEST @ RADAREAD	T1=27101	SECONDS RUNNING	36974 06814976	5135
006071	CLCCK REQUEST @ MUNGRAV	T1=27110	SECONDS RUNNING	36974 06883742	1007
006071	CLCCK REQUEST @ MUNGRAV	T1=27022	SECONDS RUNNING	36974 06985978	9731

DISPLAYS = 64 16 64 +82x47 -07562 +12094 369741.000001

006071	CLCCK REQUEST @ MUNGRAV	T1=27044	SECONDS RUNNING	369741.0168365	5295
063107	CLCCK REQUEST @ LRVEL	T1=27071	SECONDS RUNNING	369741.0375778	2994
063150	CLCCK REQUEST @ RADAREAD	T1=27113	SECONDS RUNNING	369741.0474865	1449
101757	CLCCK REQUEST @ RDEIMS	T1=27112	SECONDS RUNNING	369741.0541165	7117
063150	CLCCK REQUEST @ RADAREAD	T1=27115	SECONDS RUNNING	369741.0575955	0076
063150	CLCCK REQUEST @ RADAREAD	T1=27127	SECONDS RUNNING	369741.0674382	8517
063150	CLCCK REQUEST @ RADAREAD	T1=27141	SECONDS RUNNING	369741.0774864	7149
063150	CLCCK REQUEST @ RADAREAD	T1=27153	SECONDS RUNNING	369741.0874877	5584
073121	CLCCK REQUEST @ QUADGUIC	T1=27163	SECONDS RUNNING	369741.0957518	2635
072216	CLCCK REQUEST @ THROTTLF	T1=27224	SECONDS RUNNING	369742.0284362	578
006071	CLCCK REQUEST @ FINDCDUW	T1=27225	SECONDS RUNNING	369742.039461	1411
073477	CLCCK REQUEST @ P64DISPS	T1=27261	SECONDS RUNNING	369742.0575511	5456
073476	CLCCK REQUEST @ ENDLLJOB	T1=27261	SECONDS RUNNING	369742.0579547	5716

063073 CLCK REQUEST @ LRLT T1=27277 SECONDS RUNNING 369742.718232 7550

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVFL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	DCX	THELST	PCS	APOLU
LANDING	(STABLE MEMBER COORDS)			FCRVEL	LCNG	PITCH	BALL-P	CDUY	QRATE	ATT-Y	DPPY	DCY	DELTA V	DPS	PERILU
	METRIC UNITS			ALTRATE	ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	DGZ	MASS	APS	
369742.7	1736631	- 15.8	1.97	8.5	0.81	- 0.84	0.06	4.21	0.05	1.53	397	0	4215	526.4	0.35
102:42:23	3761	- 1.4	0.00	178.2	23.77	120.00	30.05	30.04	- 0.32	0.00	3	0	5615	26.1	-936.35
LANDING	- 1015	49.7	- 1.10	- 52.0	1886	2.89	355.77	0.06	- 0.03	- 0.21	- 224	0	18292	5189	

107441 CLCK REQUEST @ READACCS T1=27304 SECONDS RUNNING 369742.761156 1213

076206 CLCK REQUEST @ SERVICER T1=27315 SECONDS RUNNING 369742.771473 2093

063150 CLCK REQUEST @ RADAREAD T1=27311 SECONDS RUNNING 369742.814857 5795

006071 CLCK REQUEST @ MUNGRAV T1=27320 SECONDS RUNNING 369742.866552 1913

006071 CLCK REQUEST @ MUNGRAV T1=27332 SECONDS RUNNING 369742.982184 0074

DISPLAYS = 64 06 64 +37X46 -10539 +11982 369742.110019

006071 CLCK REQUEST @ MUNGRAV T1=27354 SECONDS RUNNING 369743.167548 5822

063107 CLCK REQUEST @ LRVEL T1=27401 SECONDS RUNNING 369743.374388 2542

063150 CLCK REQUEST @ RADAREAD T1=27413 SECONDS RUNNING 369743.471232 1876

101757 CLCK REQUEST @ RDCIMS T1=27422 SECONDS RUNNING 369743.541157 7773

063150 CLCK REQUEST @ RADAREAD T1=27424 SECONDS RUNNING 369743.607747 0042

063150 CLCK REQUEST @ RADAREAD T1=27436 SECONDS RUNNING 369743.664852 8328

063150 CLCK REQUEST @ RADAREAD T1=27450 SECONDS RUNNING 369743.764879 6864

063150 CLCK REQUEST @ RADAREAD T1=27462 SECONDS RUNNING 369743.864875 5397

073121 CLCK REQUEST @ QUADGUID T1=27470 SECONDS RUNNING 369743.923960 0439

072216 CLCK REQUEST @ THRATTLE T1=27533 SECONDS RUNNING 369744.275628 448

006071 CLCK REQUEST @ FINDCDUX T1=27534 SECONDS RUNNING 369744.286677 1385

073477 CLCK REQUEST @ P64DISPS T1=27571 SECONDS RUNNING 369744.0572671 5701

073476 CLCK REQUEST @ ENDLJCB T1=27571 SECONDS RUNNING 369744.575657 650

063073 CLCK REQUEST @ LRLT T1=27617 SECONDS RUNNING 369744.718226 8216

369744.7 1736610 - 15.1 1.96 8.0 0.81 - 0.91 0.12 4.37 1.05 1.64 3.6 41.8 576.4 0.32  
 102:42:25 3761 - 1.4 0.0 171.1 23.76 119.36 29.4 29.39 - 0.33 0.0 2 5625 2577 - 936.98  
 LMY99 AGC 001 NASA 2021112-061 NEW SIMULATION MARSROT 20414415 /EYLF5 LRRADAR2.ENVNTRPL 07/23/69 14:43 PAGE 369  
 /DUPLICATE LANDING LAST SNAP 369700

LANDING - 917 47.5 - 1.06 - 49.7 1784 2.94 355.66 0.02 1.03 - 0.21 - 218 18264 5189

107441 CLCK REQUEST @ READACCS T1=27614 SECONDS RUNNING 369744.761156 1880  
 076206 CLCK REQUEST @ SERVICER T1=27615 SECONDS RUNNING 369744.771472 2760  
 063150 CLCK REQUEST @ RADARCAD T1=27621 SECONDS RUNNING 369744.814864 4462  
 006071 CLCK REQUEST @ MUNGRAV T1=27630 SECONDS RUNNING 369744.886815 2617  
 006071 CLCK REQUEST @ MUNGRAV T1=27642 SECONDS RUNNING 369744.965730 1143

DISPLAYS = 64 36 64 +78x46 -11517 +01876 369745.000050

006071 CLCK REQUEST @ MUNGRAV T1=27665 SECONDS RUNNING 369745.171156 6866  
 063107 CLCK REQUEST @ LEVEL T1=27711 SECONDS RUNNING 369745.377647 4487  
 063150 CLCK REQUEST @ RADAREAD T1=27723 SECONDS RUNNING 369745.474855 2782  
 101757 CLCK REQUEST @ RDCIMS T1=27732 SECONDS RUNNING 369745.543168 9613  
 063150 CLCK REQUEST @ RADAREAD T1=27735 SECONDS RUNNING 369745.574869 1316  
 063150 CLCK REQUEST @ RADAREAC T1=27747 SECONDS RUNNING 369745.674874 0851  
 063150 CLCK REQUEST @ RADAREAD T1=27761 SECONDS RUNNING 369745.774867 8393  
 063150 CLCK REQUEST @ RADAREAD T1=27773 SECONDS RUNNING 369745.874861 6916  
 073121 CLCK REQUEST @ QUADGUID T1=30013 SECONDS RUNNING 369745.959424 4132  
 072216 CLCK REQUEST @ THROTTLE T1=30045 SECONDS RUNNING 369746.295727 2830  
 006071 CLCK REQUEST @ FINDCDUW T1=30046 SECONDS RUNNING 369746.36717 3767  
 073477 CLCK REQUEST @ P64DISRS T1=30112 SECONDS RUNNING 369746.587249 7716  
 073476 CLCK REQUEST @ ENDLJCR T1=30113 SECONDS RUNNING 369746.591441 8064  
 063073 CLCK REQUEST @ LRALT T1=30117 SECONDS RUNNING 369746.719965 0921

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUY	PRATE	ATT-X	DPYX	DGX	THRUST	PCS	APOLU	
LANDING	(STABLE MEMBER COORDS)	METRIC	UNITS	FCRVEL	LONG	PITCH	BALL-P	CDUZ	RRATE	ATT-Y	DPYR	DGY	DELTA V	BPS	PERILU	
				ALTRATE	ALT	RCLL	BALL-Y			ATT-Z	DRPZ	DGZ	MASS	APS		
369746.7	173657	-	14.4	1.95	8.1	0.81	0.96	0.07	4.41	-	0.02	1.75	394	41.8	576.4	0.31
102:42:27	3758	-	1.4	0.0	164.7	23.76	118.69	28.73	28.72	-	0.21	0.0	5625	2547	-936.42	
LANDING -	323	-	45.4	-	1.13	-	47.5	1687	2.95	355.58	0.02	1.03	-	0.21	-	218

107441 CLCK REQUEST @ READACCS T1=30124 SECONDS RUNNING 369746.761157 2545

LMY99 AGC 001 NASA 2021112-061 NEW SIMULATION MARSROT 20414415 /EYLF5 LRRADAR2.ENVNTRPL 07/23/69 14:43 PAGE 369  
 /DUPLICATE LANDING LAST SNAP 369700

076206	CLCCK REQUEST @ SERVICER	T1=30125	SECONDS RUNNING	369746.771479	3427
063150	CLCCK REQUEST @ RADARFAD	T1=30121	SECONDS RUNNING	369746.814876	7130
006071	CLCCK REQUEST @ MUNGRAV	T1=30140	SECONDS RUNNING	369746.98519	3130
006071	CLCCK REQUEST @ MUNGRAV	T1=30152	SECONDS RUNNING	369746.986956	1814
DISPLAYS =	64 16 64 +76x45 -01494 +01773				369746.000000
006071	CLCCK REQUEST @ MUNGRAV	T1=30174	SECONDS RUNNING	369747.169334	7377
063107	CLCCK REQUEST @ LRVFL	T1=30221	SECONDS RUNNING	369747.377328	5126
063150	CLCCK REQUEST @ RADAREAD	T1=30233	SECONDS RUNNING	369747.474858	3449
101757	CLCCK REQUEST @ PDGIMS	T1=30242	SECONDS RUNNING	369747.542581	9228
063150	CLCCK REQUEST @ RADARFAD	T1=30245	SECONDS RUNNING	369747.575621	2047
063150	CLCCK REQUEST @ RADAREAD	T1=30257	SECONDS RUNNING	369747.674856	0515
063150	CLCCK REQUEST @ RADAREAD	T1=30271	SECONDS RUNNING	369747.774895	9052
063150	CLCCK REQUEST @ RADAREAD	T1=30303	SECONDS RUNNING	369747.874893	7584
073121	CLCCK REQUEST @ QUADGUIC	T1=30315	SECONDS RUNNING	369747.971785	5853
072216	CLCCK REQUEST @ THROTTLE	T1=30355	SECONDS RUNNING	369748.029798	3175
006071	CLCCK REQUEST @ FINDDOWN	T1=30356	SECONDS RUNNING	369748.301830	4017
073477	CLCCK REQUEST @ P64DISPS	T1=30412	SECONDS RUNNING	369748.584112	8175
073476	CLCCK REQUEST @ ENDLJOB	T1=30412	SECONDS RUNNING	369748.587148	8264
063073	CLCCK REQUEST @ LRALT	T1=30427	SECONDS RUNNING	369748.718225	9549

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	K	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRAFE	ATT-X	DPPY	DGX	THPLST	RCS	APQU
LANDING	(STAPLE MEMBER METRIC	COORDS)	FORVEL	ALTRATE	LONG	PITCH	BALL-P	CDUY	GRATE	ATT-Y	DPPZ	DGV	DELTA V	DPS	REF ILU
369748.7	1736542	- 13.8	1.94	7.5	81	- 1.82	.13	4.37	- 0.01	1.75	392	0	41.56	576.4	.29
102:42:29	3750	- 1.63	1.91	157.5	23.76	119.93	28.07	28.07	- 0.33	0.21	2	0	5.445	2518	-936.45
LANDING -	733	43.4	- 0.99	- 45.3	1594	2.84	355.62	0.12	0.06	- 0.10	- 2.3	0	182.0	51.89	

107441	CLCCK REQUEST @ READACCS	T1=30434	SECONDS RUNNING	369748.761156	5213
076206	CLCCK REQUEST @ SERVICER	T1=30435	SECONDS RUNNING	369748.771471	4193

TIME	OPERATION	LOCATION	DESCRIPTION	TIME	STATUS	VALUE	PAGE
063150	CLOCK REQUEST @	RADAREAD		T1=30441	SECONDS RUNNING	369749.81486	7796
006071	CLOCK REQUEST @	MUNGRAV		T1=30450	SECONDS RUNNING	369749.867155	3065
LMY99	AGC	001	NASA 2021112-061 NEW SIMULATION	MARSROT 20414415 /EYLES	LPPADAR2, ENVCNTPL 7/23/69	14:43	PAGE 362
					/DUPLICATE LANDING	LAST	SNAP 369700
006071	CLOCK REQUEST @	MUNGRAV		T1=30462	SECONDS RUNNING	369749.982998	2143
DISPLAYS =	64	36	64	+74X44 - 0471 +01676			369749.100014
006071	CLOCK REQUEST @	MUNGRAV		T1=30504	SECONDS RUNNING	369749.167789	7912
063107	CLOCK REQUEST @	LRVFL		T1=30531	SECONDS RUNNING	369749.376979	5755
063150	CLOCK REQUEST @	RADAREAD		T1=30543	SECONDS RUNNING	369749.474924	4121
101757	CLOCK REQUEST @	RDGIMS		T1=30552	SECONDS RUNNING	369749.541224	9779
063150	CLOCK REQUEST @	RADAREAD		T1=30555	SECONDS RUNNING	369749.574852	2648
063150	CLOCK REQUEST @	RADAREAD		T1=30567	SECONDS RUNNING	369749.674858	1182
063150	CLOCK REQUEST @	RADAREAD		T1=30601	SECONDS RUNNING	369749.774368	9716
063150	CLOCK REQUEST @	RADAREAD		T1=30613	SECONDS RUNNING	369749.874973	8250
073121	CLOCK REQUEST @	QUADGUID		T1=30623	SECONDS RUNNING	369749.959749	5407
SNAPSHOT	369750		SECONDS RUNNING	369750.000059			

072216	CLCCK REQUEST @ THRCTTLE	T1=30664	SECONDS RUNNING	369750.285565	7296
006071	CLCCK REQUEST @ FINDCDUW	T1=30665	SECONDS RUNNING	369750.295204	4118
073477	CLCCK REQUEST @ P64DISPS	T1=30722	SECONDS RUNNING	369750.582114	8601
073476	CLCCK REQUEST @ ENDDLJCB	T1=30722	SECONDS RUNNING	369750.585149	9860
063073	CLCCK REQUEST @ LRLAT	T1=30737	SECONDS RUNNING	369750.718225	9216

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	DX	THPLST	RCS	APDU				
LANDING	(STABLE MEMBER METRIC	COORDS)	UNITS	FORVFL	LCNG	PITCH	BALL-P	CDUY	QRATE	ATT-Y	DPPY	DGY	DELTAV	OPS	PERILU				
				ALTRATE	ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	DG7	MASS	APS					
369750.7	1736515	-	13.1	1.93	7.0	0.81	-	0.78	0.17	4.32	-	0.06	1.42	39	0	4015	526.4	1.27	
102:42:31	3754	-	1.3	1.01	151.1	23.75	117.43	27.47	27.46	-	0.27	-	0.11	3	0	5654	24.91	-936.47	
LANDING -	647	-	41.4	-	1.97	-	43.2	1505	2.74	355.66	0.17	0.04	-	0.10	-	1.97	0	18182	5186

107441	CLCCK REQUEST @ READACCS	T1=30744	SECONDS RUNNING	369750.761157	3880
076206	CLCCK REQUEST @ SERVICER	T1=30745	SECONDS RUNNING	369750.771478	4760
063150	CLCCK REQUEST @ RADAREAD	T1=30751	SECONDS RUNNING	369750.814962	8462
066071	CLCCK REQUEST @ MUNGRAV	T1=30760	SECONDS RUNNING	369750.887374	4650
006071	CLCCK REQUEST @ MUNGRAV	T1=30772	SECONDS RUNNING	369750.985368	3155

DISPLAYS = 64 16 64 +72X43 -00450 +01583 369750.00019

006071	CLCCK REQUEST @ MUNGRAV	T1=31015	SECONDS RUNNING	369750.171249	8874
063107	CLCCK REQUEST @ LRVFL	T1=31041	SECONDS RUNNING	369750.378075	6523
063150	CLCCK REQUEST @ RADAREAD	T1=31053	SECONDS RUNNING	369750.474859	4782
107157	CLCCK REQUEST @ RDGIMS	T1=31062	SECONDS RUNNING	369750.541200	0443
063150	CLCCK REQUEST @ RADAREAD	T1=31065	SECONDS RUNNING	369750.576509	2456
063150	CLCCK REQUEST @ RADAREAD	T1=31077	SECONDS RUNNING	369750.674857	1840
063150	CLCCK REQUEST @ RADAREAD	T1=31111	SECONDS RUNNING	369750.774878	1384
063150	CLCCK REQUEST @ RADAREAD	T1=31123	SECONDS RUNNING	369750.874868	8916
073121	CLCCK REQUEST @ QUACGUID	T1=31134	SECONDS RUNNING	369750.969551	6996
072216	CLCCK REQUEST @ THRCTTLE	T1=31175	SECONDS RUNNING	369750.291995	4511





369754.7 1736465 - 11.9 1.91 5.6 0.80 - 0.63 0.35 4.06 - 0.07 1.20 386 2023 526.4 0.24  
 102:42:35 3751 - 1.3 0.01 138.7 22.75 116.39 26.42 26.40 - 0.33 - 0.11 4 5673 2438 -036.52  
 LANDING - 487 37.7 - 0.91 - 39.2 1340 2.35 355.93 0.35 - 0.01 0.01 - 1.86 18129 5180

107441	CLCCK REQUEST @ READACCS	T1=31564	SECONDS RUNNING	369754.761156	5213
076206	CLCCK REQUEST @ SERVICER	T1=31565	SECONDS RUNNING	369754.771469	6093
063150	CLCCK REQUEST @ RADAREAD	T1=31571	SECONDS RUNNING	369754.814970	9796
006071	CLCCK REQUEST @ MUNGRAV	T1=31600	SECONDS RUNNING	369754.886995	5951
006071	CLCCK REQUEST @ MUNGRAV	T1=31612	SECONDS RUNNING	369754.892841	4130
DISPLAYS =	64 06 64 +68x4 <sup>2</sup> -00438 +01479				369755.00050
006071	CLCCK REQUEST @ MUNGRAV	T1=31634	SECONDS RUNNING	369755.168563	9978
063107	CLCCK REQUEST @ LRVEL	T1=31661	SECONDS RUNNING	369755.275984	7678
063150	CLCCK REQUEST @ RADAREAD	T1=31673	SECONDS RUNNING	369755.474868	6116
101757	CLCCK REQUEST @ RDC1MS	T1=31702	SECONDS RUNNING	369755.541162	1773
063150	CLCCK REQUEST @ RADAREAD	T1=31705	SECONDS RUNNING	369755.574875	4650
063150	CLCCK REQUEST @ RADAREAD	T1=31717	SECONDS RUNNING	369755.674870	2183
063150	CLCCK REQUEST @ RADAREAD	T1=31731	SECONDS RUNNING	369755.774872	1717
063150	CLCCK REQUEST @ RADAREAD	T1=31743	SECONDS RUNNING	369755.874880	5251
073121	CLCCK REQUEST @ QUACGUID	T1=31753	SECONDS RUNNING	369755.959986	7513
072216	CLCCK REQUEST @ THRUTLE	T1=32134	SECONDS RUNNING	369756.286391	5366
006071	CLCCK REQUEST @ FINCCDUW	T1=32015	SECONDS RUNNING	369756.299123	6188
073477	CLCCK REQUEST @ P64DISPS	T1=32052	SECONDS RUNNING	369756.583793	0745
073476	CLCCK REQUEST @ ENLLJCB	T1=32052	SECONDS RUNNING	369756.586827	1103
063073	CLCCK REQUEST @ LRLAT	T1=32067	SECONDS RUNNING	369756.718224	2216

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-P	CDUX	PRATE	ATT-X	DPX	DGY	THRUST	RCS	APPLU
LANDING	(STABLE MEMBER COORDS)			FORVEL	LCNG	PITCH	BALL-P	CDUY	QRATF	ATT-Y	DPY	DGY	DFLTA	OPS	PERILU
	METRIC UNITS			ALTRATE	ALT	ROLL	BALL-Y	CPUZ	RRATE	ATT-Z	DPPZ	DGZ	MASS	APS	
369756.7	1736442 -	11.3	1.9	4.9	0.8	0.73	0.26	3.02	0.06	1.10	385	0	2004	526.4	0.22
102:42:37	3740 -	1.2	0.1	132.8	22.74	115.79	26.92	26.81	0.24	0.21	4	0	5673	2432	-034.55

LMY99	AGC	DDI	NASA 2021112-01 NEW SIMULATION	MARSROT 20414415 /EYLES	LPRADAR2.ENVCTRL 7/22/60 14:43	PAGE 366
					/DUPLICATE LANDING LAST SNAP	369750
107441			CLOCK REQUEST @ READACCS	T1=32074	SECONDS RUNNING 369756.761156	5879
076206			CLOCK REQUEST @ SERVICER	T1=32075	SECONDS RUNNING 369756.771469	6769
063150			CLOCK REQUEST @ RADAREAD	T1=32101	SECONDS RUNNING 369756.814890	6465
006071			CLOCK REQUEST @ MUNGRAV	T1=32110	SECONDS RUNNING 369756.886699	6503
006071			CLOCK REQUEST @ MUNGRAV	T1=32122	SECONDS RUNNING 369756.985335	5079
DISPLAYS =	64	16	64	+66X42 -00384 +71328		369757.00009
006071			CLOCK REQUEST @ MUNGRAV	T1=32145	SECONDS RUNNING 369757.170680	0826
063107			CLOCK REQUEST @ LRVEL	T1=32171	SECONDS RUNNING 369757.276477	8387
063150			CLOCK REQUEST @ RADAREAD	T1=32203	SECONDS RUNNING 369757.474878	6784
101757			CLOCK REQUEST @ REGIMS	T1=32212	SECONDS RUNNING 369757.543300	2509
063150			CLOCK REQUEST @ RADAREAD	T1=32215	SECONDS RUNNING 369757.574919	5321
063150			CLOCK REQUEST @ RADAREAD	T1=32227	SECONDS RUNNING 369757.674855	3848
063150			CLOCK REQUEST @ RADAREAD	T1=32241	SECONDS RUNNING 369757.774918	2387
063150			CLOCK REQUEST @ RADAREAD	T1=32253	SECONDS RUNNING 369757.874897	2919
073121			CLOCK REQUEST @ QUADGUIC	T1=32263	SECONDS RUNNING 369757.959145	8178
072216			CLOCK REQUEST @ THROTTLE	T1=32324	SECONDS RUNNING 369758.280491	6297
006071			CLOCK REQUEST @ FINDCDUW	T1=32325	SECONDS RUNNING 369758.299123	7119
073477			CLOCK REQUEST @ P64CISPS	T1=32362	SECONDS RUNNING 369758.583889	1419
073476			CLOCK REQUEST @ ENDDLJCR	T1=32362	SECONDS RUNNING 369758.586925	1678
063073			CLOCK REQUEST @ LRLAT	T1=32377	SECONDS RUNNING 369759.719987	2033

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	COUX	PRATE	ATT-X	DPX	DGY	THRUST	RCS	APOLU
LANDING	(STABLE MEMBER	COORDS)	LATVEL	LONG	PITCH	BALL-P	COUX	PRATE	ATT-X	DPX	DGY	THRUST	RCS	APOLU	
	MEMBER	COORDS)	ALT	ALT	ROLL	BALL-Y	COUZ	RPATF	ATT-Y	DPY	DGZ	DELTA V	POS	PERILU	
	FRIC	UNITS	ALTRATE						ATT-Z	DPZ	NGZ	MASS	APS		
369758.7	1736419	- 10.8	1.89	4.3	1.80	- 0.73	0.24	3.28	- 0.07	0.87	383	0	3842	520.4	0.21
102:42:35	3748	- 1.2	0.11	127.1	25.74	115.25	25.25	25.27	- 0.31	0.10	4	0	5650	2494	-936.57
LANDING -	342	34.1	- 0.86	- 35.5	1190	1.95	356.21	0.26	- 0.00	0.00	- 175	0	18078	5180	

107441			CLOCK REQUEST @ READACCS	T1=32404	SECONDS RUNNING 369759.761156	6546
076206			CLOCK REQUEST @ SERVICER	T1=32405	SECONDS RUNNING 369759.771468	7426
063150			CLOCK REQUEST @ RADAREAD	T1=32411	SECONDS RUNNING 369759.814872	1131

LMY99	AGC	TOI	NASA	Z	21112-1A1	NEW SIMULATION	MASSTOT	Z	41445	/EYLES	LRRADAR2	F	MVCNTL	L	T	/S	1	44	P	6	7	
006071						CLCCK REQUEST @ MUNGRAV					T1=32420		SECONDS	RUNNING		369758.985885						7129
006071						CLCCK REQUEST @ MUNGRAV					T1=32432		SECONDS	RUNNING		369758.989890						5093
DISPLAYS =	64	16	64			+64X41 -00370 +01251																369759.000005
006071						CLCCK REQUEST @ MUNGRAV					T1=32454		SECONDS	RUNNING		369759.169045						1430
063107						CLCCK REQUEST @ LRVEL					T1=32501		SECONDS	RUNNING		369759.377772						0154
063150						CLCCK REQUEST @ RADAREAD					T1=32513		SECONDS	RUNNING		369759.474852						7448
101757						CLCCK REQUEST @ RDGIMS					T1=32522		SECONDS	RUNNING		369759.542948						3259
063150						CLCCK REQUEST @ RADAREAD					T1=32525		SECONDS	RUNNING		369759.576005						6080
063150						CLCCK REQUEST @ RADAREAD					T1=32537		SECONDS	RUNNING		369759.674871						4517
063150						CLCCK REQUEST @ RADAREAD					T1=32551		SECONDS	RUNNING		369759.774866						3149
063150						CLCCK REQUEST @ RADAREAD					T1=32563		SECONDS	RUNNING		369759.874878						1584
073121						CLCCK REQUEST @ QUADGUID					T1=32575		SECONDS	RUNNING		369759.971945						9867
072216						CLCCK REQUEST @ THROTTLE					T1=32635		SECONDS	RUNNING		369760.200741						7171
006071						CLCCK REQUEST @ FINDCDUW					T1=32636		SECONDS	RUNNING		369760.201740						8010
073477						CLCCK REQUEST @ p64DISP5					T1=32672		SECONDS	RUNNING		369760.583415						2046
073476						CLCCK REQUEST @ ENCLLJCB					T1=32672		SECONDS	RUNNING		369760.586440						2315
063073						CLCCK REQUEST @ LRALT					T1=32707		SECONDS	RUNNING		369760.718223						3549

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	DGX	THOUST	RCS	APOLU
LANDING	(STABLE MEMBER COORDS)	FORVEL	LCNG	PITCH	BALL-P	CDUY	GRATE	ATT-Y	OPPY	DGY	DFLTAV	DPS	APOLU	PERILU	
	MFTRIC UNITS	ALTRATE	ALT	RCLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	DGZ	MASS	APS			
369760.7	1736398	- 1.02	1.89	3.8	0.80	- 0.75	0.25	0.64	- 0.06	0.76	381	0	381.5	526.4	0.20
102:42:41	3747	- 1.02	0.01	121.05	23.74	114.66	24.69	24.67	- 0.29	0.10	3	0	56.99	2361	-986.59
LANDING -	275	32.4	- 0.83	- 33.7	1121	1.74	356.34	0.25	0.11	0.10	- 170	0	181.52	5189	

107441						CLCCK REQUEST @ READACCS					T1=32714		SECONDS	RUNNING		369760.761155						7213
076206						CLCCK REQUEST @ SERVICER					T1=32715		SECONDS	RUNNING		369760.771467						8193
063150						CLCCK REQUEST @ RADAREAD					T1=32721		SECONDS	RUNNING		369760.815094						1815
006071						CLCCK REQUEST @ MUNGRAV					T1=32734		SECONDS	RUNNING		369760.92287						1012



TIME	AGC	REQ	ACREQ	MARKSET	T1	SECONDS RUNNING	LAST SNAP	349
063150		01	NASA 2021112-161 NEW SIMULATION	2 414415 /FYLE	T1=33334	SECONDS RUNNING	3697630564134	349
101757					T1=33344	SECONDS RUNNING	3697630561289	4158
063150					T1=33346	SECONDS RUNNING	3697630564938	8171
063150					T1=33326	SECONDS RUNNING	3697630564862	472
063150					T1=33372	SECONDS RUNNING	3697630784901	5239
063150					T1=33404	SECONDS RUNNING	3697630884877	2770
072121					T1=33415	SECONDS RUNNING	3697630977925	1715
072216					T1=33455	SECONDS RUNNING	3697640299158	9114
066071					T1=33457	SECONDS RUNNING	3697640310123	10350
073477					T1=33513	SECONDS RUNNING	3697640591711	4197
073476					T1=33513	SECONDS RUNNING	3697640594747	4346
063073					T1=33530	SECONDS RUNNING	3697640721365	5151

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	DCX	THRU	RCS	APOLU
LANDING	(STABLE MEMBER METRIC)	(CORRES)	FORVEL	ALT	LONG	PITCH	BALL-P	CDUY	PRATE	ATT-Y	DPPY	DCY	DELTA V	DPS	PERILU
			ALTPATE			RCLL	BALL-Y	CCUZ	RPATE	ATT-Z	DPPZ	DGZ	MASS	APS	
369764.7	1736359	- 9.2	1.87	2.7	1.86	- 0.74	1.29	3.37	- 0.16	0.54	376		3777	521.4	0.17
102442.45	3729	- 1.1	1.01	11.09	23.73	113.59	23.62	23.61	- 0.39	0.04	4		8716	2311	-936.62
LANDING -	164	29.2	3.73	3.03	993	1.21	356.62	1.28	0.03	0.00	- 16		19.02	5185	

107441										T1=33534	SECONDS RUNNING	3697640761155	8546
076206										T1=33535	SECONDS RUNNING	3697640771466	9426
063150										T1=33541	SECONDS RUNNING	3697640814982	3131
066071										T1=33550	SECONDS RUNNING	3697640883837	9015
066071										T1=33562	SECONDS RUNNING	3697640985774	7714
DISPLAYS =	64	16	64		+58X39	-00316	+01042						369765000000
066071										T1=33604	SECONDS RUNNING	3697650167198	2197
063107										T1=33631	SECONDS RUNNING	3697650274812	9011
063150										T1=33643	SECONDS RUNNING	3697650474974	9450
101757										T1=33650	SECONDS RUNNING	3697650541161	5017

063150	CLOCK REQUEST @ RADARFAD	T1=33655	SECONDS RUNNING	369766.574400	5762
063150	CLOCK REQUEST @ RADAREAD	T1=33667	SECONDS RUNNING	369766.674850	5763
LMY99	AGC 001 NASA 2121112-061 NEW SIMULATION	MARSPT 21414415 /EYLES	LRRADAR2.ENVCTRL 7/22/68 14:43	PAGE 6513	370
			/DUPLICATE LANDING	LAST SNAP	369750
063150	CLOCK REQUEST @ RADAREAD	T1=33701	SECONDS RUNNING	369766.774865	5749
063150	CLOCK REQUEST @ RADAREAD	T1=33713	SECONDS RUNNING	369766.874874	3583
073121	CLOCK REQUEST @ QUADGUID	T1=33723	SECONDS RUNNING	369766.958911	0755
072216	CLOCK REQUEST @ THROTTLE	T1=33764	SECONDS RUNNING	369766.287617	8874
060071	CLOCK REQUEST @ FINECCW	T1=33765	SECONDS RUNNING	369766.297253	9626
073477	CLOCK REQUEST @ P64DISPS	T1=34021	SECONDS RUNNING	369766.579413	3677
073476	CLOCK REQUEST @ ENDDLJOB	T1=34022	SECONDS RUNNING	369766.583282	4934
063073	CLOCK REQUEST @ LRALT	T1=34027	SECONDS RUNNING	369766.718227	5550

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SFC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	DGX	THRUST	RCS	APOLU			
LANDING	(STABLE MEMBER	METRIC	UNITS	COORDS)	FCRVEL	LCNG	PITCH	BALL-P	CDUY	QRATE	ATT-Y	DPPY	DGY	DELTA V	RPS			
				ALTRATE	ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	DGZ	MASS	APS	PER ILU			
369766.7	1736341	-	8.7	1.86	2.3	0.80	-	0.70	0.27	3.24	-	0.76	0.37	377	0	3696	526.4	0.16
102:42:47	3728	-	1.1	0.01	175.9	23.73	112.87	22.00	22.88	-	0.31	-	0.11	3		5724	2286	-936.63
LANDING	-	107	27.0	-	0.75	-	28.7	934	1.09	356.75	0.27	0.02	0.00	-	154	17977	5189	
107441	CLOCK REQUEST @ READACCS	T1=34044	SECONDS RUNNING	369766.761155	9213													
076206	CLOCK REQUEST @ SERVICER	T1=34045	SECONDS RUNNING	369766.771466	0793													
063150	CLOCK REQUEST @ RADAREAC	T1=34051	SECONDS RUNNING	369766.814881	3707													
060071	CLOCK REQUEST @ MUNGRAV	T1=34060	SECONDS RUNNING	369766.886641	0021													
060071	CLOCK REQUEST @ MUNGRAV	T1=34072	SECONDS RUNNING	369766.982603	0093													
DISPLAYS =	64	16	04	456X39	-00300	+00981										369766.110016		
060071	CLOCK REQUEST @ MUNGRAV	T1=34114	SECONDS RUNNING	369767.168008	0021													
063107	CLOCK REQUEST @ LRVEI	T1=34141	SECONDS RUNNING	369767.375036	1597													
063150	CLOCK REQUEST @ RADAREAD	T1=34153	SECONDS RUNNING	369767.474854	0115													
101757	CLOCK REQUEST @ RCGIMS	T1=34162	SECONDS RUNNING	369767.541167	5774													
063150	CLOCK REQUEST @ RADAREAC	T1=34165	SECONDS RUNNING	369767.574875	8657													
063150	CLOCK REQUEST @ RADARFAD	T1=34177	SECONDS RUNNING	369767.674920	7182													
063150	CLOCK REQUEST @ RADAREAD	T1=34211	SECONDS RUNNING	369767.774886	5712													
063150	CLOCK REQUEST @ RADAREAD	T1=34223	SECONDS RUNNING	369767.781154	4749													
073121	CLOCK REQUEST @ QUADGUID	T1=34233	SECONDS RUNNING	369767.857164	1272													

072216	CLCCK REQUEST @ THROTTLE	T1=34274	SECONDS RUNNING	369768.338112	4186
006071	CLCCK REQUEST @ FINDCLCW	T1=34275	SECONDS RUNNING	369768.293476	3967
073477	CLCCK REQUEST @ P64DISPS	T1=34231	SECONDS RUNNING	369768.579529	4281
073476	CLCCK REQUEST @ ENDLJCB	T1=34232	SECONDS RUNNING	369768.583797	4745
063073	CLCCK REQUEST @ LRA LT	T1=34347	SECONDS RUNNING	369768.718221	6216

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LRS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPX	DRX	THROST	RCS	APDU
LANDING	(STABLE MEMBER	COORDS)	FCRVEL	LONG	PITCH	BALL-P	CDUY	OPATE	ATT-Y	DPY	DCY	DELTA V	DPS	PERILU	
	METRIC	UNITS	ALTRATE	ALT	RCLL	BALL-Y	CCUZ	PRATE	ATT-Z	DPZ	DG7	MASS	APS		
369768.7	1736324	-	0.2	1.85	1.8	8.0	-	1.75	0.29	3.01	-	0.21	375	2640	536.4
102:42:45	3727	-	1.1	0.01	1.10	23.73	112.27	22.29	22.28	-	0.32	-	0.1	4	5732
LANDING	-	52	26.1	-	0.72	-	27.1	878	0.87	356.89	0.28	0.12	0.0	-	148
															17952
															5180
															11.15
															-936.65

107441	CLCCK REQUEST @ READACCS	T1=34354	SECONDS RUNNING	369768.761155	9879											
076206	CLCCK REQUEST @ SERVICEK	T1=34355	SECONDS RUNNING	369768.771465	759											
063150	CLCCK REQUEST @ RADAREAD	T1=34261	SECONDS RUNNING	369768.814874	4463											
006071	CLCCK REQUEST @ MUNGRAV	T1=34270	SECONDS RUNNING	369768.86590	1594											
006071	CLCCK REQUEST @ MUNGRAV	T1=34402	SECONDS RUNNING	369768.982589	8775											
DISPLAYS =	64	00	64		+54X38	-00284	+01921									369768.00005

006071	CLCCK REQUEST @ MUNGRAV	T1=34424	SECONDS RUNNING	369768.168017	4599
063107	CLCCK REQUEST @ LPVEL	T1=34451	SECONDS RUNNING	369768.374314	2212
063150	CLCCK REQUEST @ RADAREAD	T1=34462	SECONDS RUNNING	369768.419783	0347
101757	CLCCK REQUEST @ RDGIMS	T1=34472	SECONDS RUNNING	369768.541163	6440
063150	CLCCK REQUEST @ RADAREAD	T1=34474	SECONDS RUNNING	369768.564874	8463
063150	CLCCK REQUEST @ RADAREAD	T1=34506	SECONDS RUNNING	369768.664862	6996
063150	CLCCK REQUEST @ RADAREAD	T1=34520	SECONDS RUNNING	369768.764876	5531
063150	CLCCK REQUEST @ RADAREAD	T1=34532	SECONDS RUNNING	369768.864867	4063
073121	CLCCK REQUEST @ QUADQUIC	T1=34540	SECONDS RUNNING	369768.922364	8069
072216	CLCCK REQUEST @ THROTTLE	T1=34613	SECONDS RUNNING	369768.273538	8026

006071 CLCK REQUEST @ INDCPLW T1=34614 SECONDS RUNNING 36977.0284458 9848  
 073477 CLCK REQUEST @ P64DISPS T1=34640 SECONDS RUNNING 36977.0566625 3647

LMY99 AGC 001 NASA 2021112-061 NEW SIMULATION MARSPT 20414415 /CYLES LRRADAR2. ENVCHTPL 07/22/69 14:43 PAGE 372  
 /DUPLICATE LANDING LAST SNAP 369759

073476 CLCK REQUEST @ ENCLLJOB T1=34640 SECONDS RUNNING 36977.0569669 4206  
 063073 CLCK REQUEST @ LPALT T1=34657 SECONDS RUNNING 36977.0719950 7130

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	DGX	THRUST	PCS	APQLU		
LANDING	(STABLE MEMBER METRIC UNITS)	COORDS)	FCRVEL	LONG	PITCH	BALL-P	CDUY	QRATE	ATT-Y	DPPY	DGY	DFLTAV	DPS	PERILU			
			ALTRATE	ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	DGZ	MASS	APS				
369770.7	1736318	-	7.8	1.85	1.5	1.80	-	0.76	0.20	0.06	372	3623	526.4	1.14			
102:42:51	3726	-	1.1	7.01	96.3	23.73	111.62	21.64	21.63	-	0.31	574	2237	-026.66			
LANDING	-	0	24.7	-	0.71	-	26.6	825	0.65	357.02	0.28	0.72	0.70	-	143	17928	5189

107441 CLCK REQUEST @ READACCS T1=34664 SECONDS RUNNING 36977.0761156 11546  
 076206 CLCK REQUEST @ SERVICER T1=34665 SECONDS RUNNING 36977.0771472 1427  
 063150 CLCK REQUEST @ RADAREAD T1=34671 SECONDS RUNNING 36977.0814362 5129  
 006071 CLCK REQUEST @ MUNGRAV T1=34700 SECONDS RUNNING 36977.0844515 1272  
 006071 CLCK REQUEST @ MUNGRAV T1=34712 SECONDS RUNNING 36977.0946901 0910

DISPLAYS = 64 06 64 +52X37 -02268 +01865 369771.00008

006071 CLCK REQUEST @ MUNGRAV T1=34734 SECONDS RUNNING 369771.0169377 5347  
 063107 CLCK REQUEST @ LPVEL T1=34761 SECONDS RUNNING 369771.0376086 3720  
 063150 CLCK REQUEST @ RADAREAD T1=34773 SECONDS RUNNING 369771.0474873 1450  
 101757 CLCK REQUEST @ RODIMS T1=35002 SECONDS RUNNING 369771.0541179 7128  
 063150 CLCK REQUEST @ RADAREAD T1=35005 SECONDS RUNNING 369771.0575319 0147  
 063150 CLCK REQUEST @ RADAREAD T1=35017 SECONDS RUNNING 369771.0674864 9516  
 063150 CLCK REQUEST @ RADAREAD T1=35031 SECONDS RUNNING 369771.0774874 7151  
 063150 CLCK REQUEST @ RADAREAD T1=35043 SECONDS RUNNING 369771.0874861 5582  
 073121 CLCK REQUEST @ QUADGUID T1=35053 SECONDS RUNNING 369771.0900367 2177  
 072216 CLCK REQUEST @ THROTTLE T1=35113 SECONDS RUNNING 369771.097221702 9446  
 060071 CLCK REQUEST @ FINDCDUW T1=35114 SECONDS RUNNING 369772.0282733 1387  
 073477 CLCK REQUEST @ P64DISPS T1=35150 SECONDS RUNNING 369772.0564521 4433  
 073476 CLCK REQUEST @ ENCLLJOB T1=35150 SECONDS RUNNING 369772.0647555 4600  
 063073 CLCK REQUEST @ LPALT T1=35167 SECONDS RUNNING 369772.0718226 7549



063073

CLCCK REQUEST @ LRALT

T1=35147

SECONDS RUNNING

369772.71226

7549

LMY99 AGC 001 NASA 2021112-061 NEW SIMULATION MARSROT 20414415 /EYLES LRFADAP2.0 ENVCTRL 17/28/60 14:43 PAGE 273  
/DUPLICATE LANDING LAST SNAP 369750

369772.7 1736293 - 7.3 1.84 1.1 0.80 - 0.77 0.28 2.83 - 0.16 0.00 372 3585 526.6 0.13  
102:42:53 3724 - 1.0 0.01 91.0 23.73 11.98 21.00 20.99 - 0.34 0.00 4 5747 2213 -036.67  
LANDING 48 23.3 - 0.67 - 24.1 775 0.42 357.16 0.28 0.01 0.00 - 138 3784 3198

107441 CLCCK REQUEST @ READACCS T1=35174 SECONDS RUNNING 369772.761427 1236

076206 CLCCK REQUEST @ SERVICER T1=35175 SECONDS RUNNING 369772.771743 2316

063150 CLCCK REQUEST @ RADAREAD T1=35201 SECONDS RUNNING 369772.814903 5799

066071 CLCCK REQUEST @ MUNGRAV T1=35210 SECONDS RUNNING 369772.886597 1917

006071 CLCCK REQUEST @ MUNGRAV T1=35221 SECONDS RUNNING 369772.979545 9849

DISPLAYS = 64 06 64 +50X37 -03254 +00812 369773.000005

006071 CLCCK REQUEST @ MUNGRAV T1=35244 SECONDS RUNNING 369773.165782 5741

063107 CLCCK REQUEST @ LRVEL T1=35271 SECONDS RUNNING 369773.373237 3444

063150 CLCCK REQUEST @ RADAREAD T1=35303 SECONDS RUNNING 369773.471916 1779

101757 CLCCK REQUEST @ RDGIMS T1=35312 SECONDS RUNNING 369773.541164 7774

063150 CLCCK REQUEST @ KADAREAD T1=35314 SECONDS RUNNING 369773.567140 9922

063150 CLCCK REQUEST @ RADAREAD T1=35326 SECONDS RUNNING 369773.664852 8328

063150 CLCCK REQUEST @ RADAREAD T1=35340 SECONDS RUNNING 369773.764885 6814

063150 CLCCK REQUEST @ RADAREAD T1=35352 SECONDS RUNNING 369773.864913 5400

073121 CLCCK REQUEST @ QUADGUID T1=35357 SECONDS RUNNING 369773.917365 9876

072216 CLCCK REQUEST @ THRUTLATE T1=35422 SECONDS RUNNING 369774.0216127 9637

006071 CLCCK REQUEST @ FINDCDDW T1=35423 SECONDS RUNNING 369774.075766 1146

073477 CLCCK REQUEST @ P64DISPS T1=35460 SECONDS RUNNING 369774.562145 4807

073476 CLCCK REQUEST @ ENDLLJCB T1=35460 SECONDS RUNNING 369774.561578 5156

063073 CLCCK REQUEST @ LRALT T1=35477 SECONDS RUNNING 369774.718225 8215

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-P	CDUX	PRATF	ATT-X	DPPX	BCX	THRUST	RCS	APOLU
LANDING	(STABLE MEMBER METRIC UNITS)	(COORDS)	(COORDS)	FORVEL ALT	LONG ALT	PITCH ROLL	BALL-P BALL-Y	CDUY CDUZ	ORATE RRATE	ATT-Y ATT-Z	DPPY DPPZ	HGY DCZ	DELTA V MASS	DPS APS	PERILU
369774.7	1736279 -	6.9	1.83	0.8	0.80 -	0.73	0.28	2.70 -	0.16	0.00	371		2555	526.4	0.12
102:42:55	3723 -	1.0	0.1	97.0	23.72	11.98	21.00	20.92 -	0.34	0.00	3		5755	2198	-036.68

LANDING

94

22.0

- 1.0

- 22.7

729

0.18

357.29

0.12

0.11

- 132

1788

51.9

LMY99	AGC	J01	NASA	2021112-061	NEW SIMULATION	MARSROT	20414415	/EYLES	LRRADAR2.ENV	CATPL	17/22/69	14:43	PAGE	374
									/DUPLICATE	LANDING		LAST	SNAP	369750
107441		CLCCK	REQUEST	@	READACCS		T1=35514		SECONDS	RUNNING		369774.761155		1879
076206		CLCCK	REQUEST	@	SERVICER		T1=35515		SECONDS	RUNNING		369774.771464		2759
063150		CLOCK	REQUEST	@	RADAREAD		T1=35511		SECONDS	RUNNING		369774.814857		6462
006071		CLCCK	REQUEST	@	MUNGRAV		T1=35520		SECONDS	RUNNING		369774.886942		2675
006071		CLCCK	REQUEST	@	MUNGRAV		T1=35532		SECONDS	RUNNING		369774.906579		1116
DISPLAYS =	64	16	64		448X36	-07239	+0762							369775.0000
006071		CLCCK	REQUEST	@	MUNGRAV		T1=35555		SECONDS	RUNNING		369775.172621		6991
063107		CLOCK	REQUEST	@	LRVEL		T1=35611		SECONDS	RUNNING		369775.037921		4621
063150		CLCCK	REQUEST	@	RADAREAD		T1=35613		SECONDS	RUNNING		369775.474864		2783
101757		CLCCK	REQUEST	@	RDGIMS		T1=35622		SECONDS	RUNNING		369775.541166		8440
063150		CLCCK	REQUEST	@	RADAREAD		T1=35625		SECONDS	RUNNING		369775.576987		1489
063150		CLCCK	REQUEST	@	RADAREAD		T1=35637		SECONDS	RUNNING		369775.674381		9851
063150		CLCCK	REQUEST	@	RADAREAD		T1=35651		SECONDS	RUNNING		369775.774857		8382
063150		CLCCK	REQUEST	@	RADAREAD		T1=35663		SECONDS	RUNNING		369775.874858		6915
073121		CLOCK	REQUEST	@	QUADGUID		T1=35673		SECONDS	RUNNING		369775.951931		2417
072216		CLCCK	REQUEST	@	THRCTTLE		T1=35733		SECONDS	RUNNING		369776.271365		122
006071		CLCCK	REQUEST	@	FINDCJW		T1=35734		SECONDS	RUNNING		369776.287828		2125
073477		CLCCK	REQUEST	@	P6401SPS		T1=35770		SECONDS	RUNNING		369776.569180		6164
073476		CLCCK	REQUEST	@	ENDLLJCB		T1=35771		SECONDS	RUNNING		369776.572213		6423
063073		CLCCK	REQUEST	@	LRLAT		T1=36011		SECONDS	RUNNING		369776.721362		915

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	DCX	THRUST	RC5	APCLU
LANDING	(STABLE MEMBER COORDS)	METRIC	UNITS	FORVEL	LCNG	PITCH	BALL-P	CDUZ	GRATE	ATT-Y	DPPY	PCY	DELTA V	DPS	PERILU
				ALTRATE	ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	PCZ	MASS	APS	
369776.7	1736265	-	6.4	1.82	0.5	0.80	-	0.77	0.20	2.57	-	0.06	-	0.21	369
102:42:57	3722	-	1.0	0.01	83.3	23.72	119.68	15.7	19.68	-	0.33	0.00	4	0	572
LANDING	138	21.7	-	0.62	-	21.3	685	-	0.15	357.43	0.28	-	0.00	0.1	-
													17857	5180	

107441		CLCCK	REQUEST	@	READACCS		T1=36014		SECONDS	RUNNING		369776.761155		2546
076206		CLCCK	REQUEST	@	SERVICER		T1=36015		SECONDS	RUNNING		369776.771463		3426
063150		CLCCK	REQUEST	@	RADAREAD		T1=36021		SECONDS	RUNNING		369776.814864		7129

006071	CLCK	REQUEST @	MUNGRAV	T1=36131	SECONDS	RUNNING	369776.88418	3138
006071	CLCK	REQFST @	MUNGRAV	T1=36142	SECONDS	RUNNING	369776.984865	1636
DISPLAYS =	64	76	64	+46X35	-00224	+00715		369777.010002
006071	CLCK	REQUEST @	MUNGRAV	T1=36164	SECONDS	RUNNING	369777.164758	6987
062107	CLCK	REQUEST @	LRVEL	T1=36111	SECONDS	RUNNING	369777.371993	4671
063150	CLCK	REQUEST @	RADARFAD	T1=36122	SECONDS	RUNNING	369777.469736	3912
101757	CLCK	REQFST @	RDGIMS	T1=36132	SECONDS	RUNNING	369777.541156	9136
063150	CLCK	REQUEST @	RADAREAD	T1=36134	SECONDS	RUNNING	369777.564863	1129
063150	CLCK	REQUEST @	RADAREAD	T1=36146	SECONDS	RUNNING	369777.664873	9663
063150	CLCK	REQUEST @	RADAREAD	T1=36160	SECONDS	RUNNING	369777.764873	8197
063150	CLCK	REQUEST @	RADAREAD	T1=36172	SECONDS	RUNNING	369777.864878	673
073121	CLCK	REQUEST @	QUACGUID	T1=36177	SECONDS	RUNNING	369777.939846	1423
072216	CLCK	REQUEST @	THRATTLE	T1=36242	SECONDS	RUNNING	369778.269361	1246
006071	CLCK	REQUEST @	FINDCDUW	T1=36243	SECONDS	RUNNING	369778.278397	2160
073477	CLCK	REQUEST @	P64DISPS	T1=36300	SECONDS	RUNNING	369778.562290	6226
073476	CLCK	REQUEST @	ENCLLJOB	T1=36300	SECONDS	RUNNING	369778.565125	6485
063073	CLCK	REQUEST @	LRLT	T1=36317	SECONDS	RUNNING	369778.718219	9549

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	DCX	THRUST	RCS	APOLU					
LANDING	(STABLE MEMBER METRIC	UNITS	COURDS)	FORVEL	LONG	PITCH	BALL-P	CDUY	ORATE	ATT-Y	DPPY	DGY	DELTA V	DPS	PEP ILU					
				ALT RATE	ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	DGZ	MASS	APS						
369778.7	1736253	-	5.0	1.82	0.2	0.80	0.82	0.25	2.42	-	0.76	-	0.54	267	1	3484	526.4	0.11		
102:42:59	3721	-	1.0	0.01	79.2	23.72	109.12	19.14	19.12	-	0.21	-	0.17	0	0	5769	2142	-036.7		
LANDING	179	-	19.5	-	0.61	-	19.9	643	-	0.37	357.56	0.25	-	0.00	0.00	-	122	0	17933	5189

107441	CLCK	REQUEST @	READACCS	T1=36324	SECONDS	RUNNING	369778.761155	3213
076206	CLCK	REQUEST @	SERVICER	T1=36325	SECONDS	RUNNING	369778.771463	4092
063150	CLCK	REQUEST @	RADAREAD	T1=36331	SECONDS	RUNNING	369778.814914	7800
006071	CLCK	REQUEST @	MUNGRAV	T1=36340	SECONDS	RUNNING	369778.866914	3944
006071	CLCK	REQUEST @	MUNGRAV	T1=36360	SECONDS	RUNNING	369778.92778	3125

LMY99	AGC	001	NASA 2021112-161 NEW SIMULATION	MARSPOT 20414415 /EYLES	LRFLAR20 ENVNTEFL 7/23/68 14:43	PAGE 376
					/DUPLICATE LANDING	LAST SNAP 369750
006071	CLCCK	REQUEST @	MUNGRAV	T1=36374	SECONDS RUNNING	369779.168585 7997
063107	CLCCK	REQUEST @	LRVEL	T1=36421	SECONDS RUNNING	369779.375632 5648
063150	CLCCK	REQUEST @	RADAREAD	T1=36433	SECONDS RUNNING	369779.474866 4116
101757	CLCCK	REQUEST @	RDGIMS	T1=36442	SECONDS RUNNING	369779.541174 9774
063150	CLCCK	REQUEST @	RADAREAD	T1=36445	SECONDS RUNNING	369779.574859 2649
063150	CLCCK	REQUEST @	RADAREAD	T1=36457	SECONDS RUNNING	369779.674978 1184
063150	CLCCK	REQUEST @	RADAREAD	T1=36471	SECONDS RUNNING	369779.774868 9716
063150	CLCCK	REQUEST @	RADAREAD	T1=36503	SECONDS RUNNING	369779.874877 8251
073121	CLCCK	REQUEST @	QUADGUID	T1=36510	SECONDS RUNNING	369779.923178 2366
072216	CLCCK	REQUEST @	THRDITLE	T1=36553	SECONDS RUNNING	369780.027012 2138
006071	CLCCK	REQUEST @	FINDCOLW	T1=36554	SECONDS RUNNING	369780.282939 3072
073477	CLCCK	REQUEST @	P64DISPS	T1=36610	SECONDS RUNNING	369780.568321 7467
073476	CLCCK	REQUEST @	ENDLLJCB	T1=36611	SECONDS RUNNING	369780.571856 7726
063073	CLCCK	REQUEST @	LRALT	T1=36627	SECONDS RUNNING	369780.718219 1216

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	DCX	THROST	PCS	APDLU				
LANDING	(STABLE	MEMBER	COORDS)	FCRVEL	LONG	PITCH	BALL-P	COUY	QRATE	ATT-Y	DPPY	DGY	DELTA	OPS	PERILU				
	METRIC	UNITS		ALT RATE	ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	DGZ	MASS	AFS					
369780.7	1736241	-	5.7	1.81	-	0.8	-	0.89	1.19	2.25	-	0.76	-	0.65	365	0	3461	526.4	0.11
102:43: 1	372	-	0.9	0.01	75.4	23.72	18.61	18.63	10.62	-	0.33	0.70	2	0	5776	211.9	-536.7		
LANDING	218		18.3	-	0.57	-	18.7	6.4	-	0.56	357.7	0.19	-	0.90	-	0.17	-	118	-

107441	CLCCK	REQUEST @	READACCS	T1=36634	SECONDS RUNNING	369780.761155 3879	
076206	CLCCK	REQUEST @	SERVICER	T1=36635	SECONDS RUNNING	369780.771462 4759	
063150	CLCCK	REQUEST @	RADAREAD	T1=36641	SECONDS RUNNING	369780.814862 8462	
006071	CLCCK	REQUEST @	MUNGRAV	T1=36651	SECONDS RUNNING	369780.886746 4597	
006071	CLCCK	REQUEST @	MUNGRAV	T1=36662	SECONDS RUNNING	369780.985371 3313	
DISPLAYS =	64	6	64	+42X34	-10197	+11629	369780.10008
006071	CLCCK	REQUEST @	MUNGRAV	T1=36705	SECONDS RUNNING	369781.0170543 8914	
063107	CLCCK	REQUEST @	LRVEL	T1=36731	SECONDS RUNNING	369781.073744 6154	
063150	CLCCK	REQUEST @	RADAREAD	T1=36742	SECONDS RUNNING	369781.0469761 4547	

101757	CLCCK REQUEST @ RDCIMS	T1=36752	SECONDS RUNNING	369781.541165	441
063150	CLCCK REQUEST @ RADAREAD	T1=36754	SECONDS RUNNING	369781.564861	2462
063150	CLCCK REQUEST @ RADAREAD	T1=36766	SECONDS RUNNING	369791.664364	1015
063150	CLCCK REQUEST @ RADAREAD	T1=37007	SECONDS RUNNING	369781.764857	9529
063150	CLCCK REQUEST @ RADAREAD	T1=37112	SECONDS RUNNING	369781.864861	8062
072121	CLCCK REQUEST @ QUADGUID	T1=37017	SECONDS RUNNING	369791.916718	2497
072216	CLCCK REQUEST @ THROTTLE	T1=37162	SECONDS RUNNING	369782.269711	2617
006071	CLCCK REQUEST @ FINDCDUW	T1=37163	SECONDS RUNNING	369782.279347	3432
073477	CLCCK REQUEST @ P64DISPS	T1=37120	SECONDS RUNNING	369782.561521	7511
073476	CLCCK REQUEST @ ENCLLJOB	T1=37120	SECONDS RUNNING	369782.564554	7769
063073	CLCCK REQUEST @ LRLAT	T1=37137	SECONDS RUNNING	369782.719973	1122

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-P	CDUX	PPATE	ATT-X	DPX	DGX	THRUST	RCS	APDU
LANDING	(STABLE MEMBER METRIC UNITS)	(COORDS)	(FORVEL)	ALTRATE	LONG	PITCH	BALL-P	CDUY	PRATE	ATT-Y	DPPX	DGY	DELTA V	DPS	PERILU
					ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	DGZ	MASS	APS	
369782.7	1736231	- 5.3	1.87	- 4.2	2.83	- 0.90	0.19	2.15	- 0.06	- 0.76	364		2429	52.04	0.09
102:43:3	3719	- 0.9	0.01	71.6	23.72	108.0	16.12	12.1	- 0.24	- 1.1	3		5763	2.96	-936.71
LANDING	254	17.2	- 0.55	- 17.4	568	- 0.84	357.83	0.19	0.12	- 0.10	- 114		17787	51.80	

107441	CLCCK REQUEST @ READACCS	T1=37144	SECONDS RUNNING	369782.761156	4546										
076206	CLCCK REQUEST @ SERVICER	T1=37145	SECONDS RUNNING	369782.771469	5426										
063150	CLCCK REQUEST @ RADAREAD	T1=37151	SECONDS RUNNING	369782.814861	9129										
006071	CLCCK REQUEST @ MUNGRAV	T1=37167	SECONDS RUNNING	369792.884405	5643										
006071	CLCCK REQUEST @ MUNGRAV	T1=37172	SECONDS RUNNING	369782.969154	4012										
DISPLAYS =	64	06	64	+40X34	-00184	+00590									369783.00012
006071	CLCCK REQUEST @ MUNGRAV	T1=37215	SECONDS RUNNING	369783.171527	9479										
063107	CLCCK REQUEST @ LRVEL	T1=37241	SECONDS RUNNING	369783.376492	7055										
063150	CLCCK REQUEST @ RADAREAD	T1=37253	SECONDS RUNNING	369783.474861	5449										
101757	CLCCK REQUEST @ RDCIMS	T1=37262	SECONDS RUNNING	369783.541752	1157										

TIME	AGC	REQ	NAME	MARKSET	MODE	STATUS	TIME	PAGE
063150		CLCK	REQUEST @ RADAREAD	T1=37265	SECONDS	RUNNING	369783.674453	3982
063150		CLCK	REQUEST @ RADAREAD	T1=37277	SECONDS	RUNNING	369783.674913	2519
LMY99	AGC	001	NASA 2721112-061 NEW SIMULATION	MARKSET 27414415 /EYLES	LRRADAR2	ENVCNTEL	7/22/60 14:43	PAGE 378
							/DUPLICATE LANDING	LAST SNAP 369750
063150		CLCK	REQUEST @ RADAREAD	T1=37211	SECONDS	RUNNING	369783.6774865	1049
063150		CLCK	REQUEST @ RADAREAD	T1=37323	SECONDS	RUNNING	369783.674861	9582
073121		CLCK	REQUEST @ QUADGUID	T1=37239	SECONDS	RUNNING	369783.922745	3668
072216		CLCK	REQUEST @ THROTTLE	T1=37373	SECONDS	RUNNING	369784.275357	3758
006071		CLCK	REQUEST @ FINDCDUW	T1=37374	SECONDS	RUNNING	369784.286307	4692
073477		CLCK	REQUEST @ P64DISPS	T1=37430	SECONDS	RUNNING	369784.563628	8357
073476		CLCK	REQUEST @ ENDLLJOB	T1=37430	SECONDS	RUNNING	369784.566663	8616
063073		CLCK	REQUEST @ LRLAT	T1=37447	SECONDS	RUNNING	369784.718219	1549

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-P	CDUX	PRATE	ATT-X	OPPX	DGX	THFUST	RCS	APDLU			
LANDING	(STABLE MEMBER	COORDS)	FORVEL	LCNG	PITCH	BALL-P	CDUY	QPATE	ATT-Y	DPPY	DGY	DELTA V	DPS	APDLU				
	METRIC	UNITS	ALTRATE	ALT	ROLL	BALL-Y	CDUZ	RPATE	ATT-Z	DPPZ	DGZ	MASS	APS	PERILU				
369784.7	173622	-	4.9	1.79	-	0.4	1.80	-	0.91	0.22	2.07	0.04	-	0.87	363	36.4	526.4	11.19
102:43: 5	3719	-	0.9	0.01	68.0	23.72	107.48	17.51	17.49	-	0.20	0.01	3	570	2.72	-936.72		
LANDING	288		10.1	0.53	-	16.3	534	-	1.18	357.51	0.21	0.04	-	0.10	-	1.9	177.4	51.49
107441		CLCK	REQUEST @ READACCS	T1=37454	SECONDS	RUNNING	369784.761366	5231										
076206		CLCK	REQUEST @ SERVICER	T1=37455	SECONDS	RUNNING	369784.771473	6111										
063150		CLCK	REQUEST @ RADAREAD	T1=37461	SECONDS	RUNNING	369784.814901	6709										
006071		CLCK	REQUEST @ MUNGRAV	T1=37470	SECONDS	RUNNING	369784.885586	5831										
006071		CLCK	REQUEST @ MUNGRAV	T1=37501	SECONDS	RUNNING	369784.977940	3712										
DISPLAYS =	64	06	64	+38x33	-0172	+1554									369785.000024			
006071		CLCK	REQUEST @ MUNGRAV	T1=37524	SECONDS	RUNNING	369785.162276	9442										
063107		CLCK	REQUEST @ LRVEL	T1=37550	SECONDS	RUNNING	369785.367620	6964										
063150		CLCK	REQUEST @ RADAREAD	T1=37563	SECONDS	RUNNING	369785.470914	5779										
101757		CLCK	REQUEST @ RDGIMS	T1=37571	SECONDS	RUNNING	369785.531233	926										
063150		CLCK	REQUEST @ RACAPRAD	T1=37574	SECONDS	RUNNING	369785.565112	2917										
063150		CLCK	REQUEST @ RADAREAD	T1=37606	SECONDS	RUNNING	369785.664973	2337										
063150		CLCK	REQUEST @ RADAREAD	T1=37620	SECONDS	RUNNING	369785.764956	0962										
063150		CLCK	REQUEST @ RADAREAD	T1=37632	SECONDS	RUNNING	369785.864945	5305										
073121		CLCK	REQUEST @ QUADGUID	T1=37637	SECONDS	RUNNING	369785.912685	4477										

TIME	AGC	REQ	NAME	MARKSET	MODE	STATUS	TIME	PAGE
LMY99	AGC	001	NASA 2721112-061 NEW SIMULATION	MARKSET 27414415 /EYLES	LRRADAR2	ENVCNTEL	7/22/60 14:43	PAGE 379
							/DUPLICATE LANDING	LAST SNAP 369750

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/DUPLICATE LANDING LAST SNAP 369750

072216	CLCK REQUEST @ THROTTLE	T1=37676	SECONDS RUNNING	369786.223146	9969
006071	CLCK REQUEST @ FINCCUW	T1=37703	SECONDS RUNNING	369786.272394	4172
073477	CLCK REQUEST @ P64DISPS	T1=37737	SECONDS RUNNING	369786.557871	8532
073476	CLCK REQUEST @ ENDLLJOB	T1=37740	SECONDS RUNNING	369786.561822	8879
063073	CLCK REQUEST @ LRLAT	T1=37757	SECONDS RUNNING	369786.718218	2216

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME LANDING	R (STABLE MEMBER METRIC)	V (MEMBER UNITS)	A (COORDS)	LATVEL FORVEL ALTRATE	LAT LCMG ALT	YAW PITCH ROLL	BALL-R BALL-P BALL-Y	CDU X CDUZ	PRATE ORATE RPATE	ATT-X ATT-Y ATT-Z	DPP X DPPY DPPZ	DC X DCY DCZ	TH FUST DELTAV MASS	RPS DPS APS	APOLU PFRILU
369786.7	1736210	- 4.6	1.79 - 1.4	0.80 - 0.89	0.24	2.16	0.74 - 0.87	361	3374	526.4	1.008				
102:43: 7 LANDING	3718 - 320	1.9 - 15.0	0.01 - 0.51 - 15.1	64.5	23.72 - 503	106.91 - 1.15	16.93 - 357.83	16.91 - 0.24	0.22 - 0.00	0.10 - 0.00	3 - 105	0	5797 - 17741	2050 - 5189	-936.72

107441	CLCK REQUEST @ READACCS	T1=37764	SECONDS RUNNING	369786.761155	5879
076206	CLCK REQUEST @ SERVICER	T1=37765	SECONDS RUNNING	369786.771461	6759
063150	CLCK REQUEST @ RADAREAD	T1=37771	SECONDS RUNNING	369786.818613	6783
006071	CLCK REQUEST @ MUNGRAV	T1=00007	SECONDS RUNNING	369786.950538	2740

DISPLAYS = 64 06 64 +36X33 -001161 +00521 369787.00008

006071	CLCK REQUEST @ MUNGRAV	T1=00022	SECONDS RUNNING	369787.066211	1911
006071	CLCK REQUEST @ MUNGRAV	T1=00040	SECONDS RUNNING	369787.204815	3738
063107	CLCK REQUEST @ LRVEL	T1=00064	SECONDS RUNNING	369787.409608	1214
063150	CLCK REQUEST @ RADARFAD	T1=00077	SECONDS RUNNING	369787.511566	9915
101757	CLCK REQUEST @ RDGIMS	T1=00105	SECONDS RUNNING	369787.571199	5003
063150	CLCK REQUEST @ RADAREAD	T1=00110	SECONDS RUNNING	369787.606639	9027
063150	CLCK REQUEST @ RADAREAC	T1=00122	SECONDS RUNNING	369787.704875	6410
063150	CLCK REQUEST @ RADAREAD	T1=00134	SECONDS RUNNING	369787.804869	4943
063150	CLCK REQUEST @ RADARFAD	T1=00146	SECONDS RUNNING	369787.904897	3479
073121	CLCK REQUEST @ QUACGUID	T1=00157	SECONDS RUNNING	369787.993785	1004
072216	CLCK REQUEST @ THROTTLE	T1=00216	SECONDS RUNNING	369788.308640	7932
006071	CLCK REQUEST @ FINCCUW	T1=00217	SECONDS RUNNING	369788.318236	8750

073477

CLCK REQUEST @ P64DISP5

T1=0254

SECONDS RUNNING

269788.612926

344

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/DUPLICATE LANDING LAST SNAP 369750

073476

CLCK REQUEST @ ENDLJJB

T1=0254

SECONDS RUNNING

269788.605958

3303

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPY	DCX	THRUST	PCS	APDU		
LANDING	(STABLE MEMBER METRIC UNITS)	MEMBER UNITS	COLORDS)	FCRVEL	LONG	PITCH	BALL-P	CDUY	PRATE	ATT-Y	DPPY	DCY	DELTA V	DPS	PEPILU		
				ALTRATE	ALT	ROLL	BALL-Y	CDUZ	PRATE	ATT-Z	DPPZ	DCZ	MASS	APS			
369788.7	1736201	-	4.2	1.78	-	0.3		2.25	0.04	-	0.76	36	2252	526.4	11.8		
102:43:5	3703	-	1.5	0.1	61.2		23.71	176.48	16.50	-	0.1	3	58.3	21.28	-936.73		
LANDING	341	14.1	1.49	-	14.1	474	-	1.23	357.74	0.24	0.12	0.00	-	1.2	3	17719	5189
107441	CLCK REQUEST @ READACCS									T1=01274	SECONDS RUNNING		269788.761156		6546		
063073	CLCK REQUEST @ LHALT									T1=00275	SECONDS RUNNING		269788.774941		7722		
076206	CLCK REQUEST @ SERVICER									T1=01275	SECONDS RUNNING		269788.778811		8052		
063150	CLCK REQUEST @ RADAREAD									T1=00307	SECONDS RUNNING		269788.874912		6253		
006071	CLCK REQUEST @ MUNGRAV									T1=00311	SECONDS RUNNING		269788.881056		7718		
006071	CLCK REQUEST @ MUNGRAV									T1=00323	SECONDS RUNNING		269788.994582		6465		
DISPLAYS =	04	06	04		+34X32	-1145	+1148									269788.100017	

006071

CLCK REQUEST @ MUNGRAV

T1=00345

SECONDS RUNNING

269788.176181

1962

063107

CLCK REQUEST @ LRVEL

T1=00372

SECONDS RUNNING

269788.381449

9478

063150

CLCK REQUEST @ RADAREAD

T1=00403

SECONDS RUNNING

269788.474859

7449

101757

CLCK REQUEST @ RDGIP5

T1=00412

SECONDS RUNNING

269788.541155

3106

063150

CLCK REQUEST @ RADAREAD

T1=00415

SECONDS RUNNING

269788.574858

6992

063150

CLCK REQUEST @ RADAREAD

T1=00427

SECONDS RUNNING

269788.674861

4516

063150

CLCK REQUEST @ RADAREAD

T1=00441

SECONDS RUNNING

269788.774863

3049

063150

CLCK REQUEST @ RADAREAD

T1=00453

SECONDS RUNNING

269788.874869

1585

073121

CLCK REQUEST @ QUADGUID

T1=00463

SECONDS RUNNING

269788.953434

9287

072216

CLCK REQUEST @ THROTTLE

T1=00523

SECONDS RUNNING

269788.0278182

5999

006071

CLCK REQUEST @ FINDCDLW

T1=00524

SECONDS RUNNING

269788.1289143

6834

073477

CLCK REQUEST @ P64DISP5

T1=00560

SECONDS RUNNING

269788.560588

0866

073476

CLCK REQUEST @ ENDLJJB

T1=00561

SECONDS RUNNING

269788.657220

1124

063073

CLCK REQUEST @ LHALT

T1=00577

SECONDS RUNNING

269788.719219

3549



063073

CLCK REQUEST @ LRALT

T1=00577

SECONDS RUNNING

3697920718219

549

LMY99 AGC 001 NASA 2021112--S1 NEW SIMULATION MARKSPOT 20414415 /BYLES LBRADAP2.ENVNTEL 1/7/ 3/65 14:43 PACF 381  
/DUPLICATE LANDING LAST SNAP 369750

369790.7 1736193 - 3.9 1.77 - 0.3 0.80 - 0.92 0.25 2.34 1.04 - 0.65 350 3227 526.4 1.17  
102:43:11 3732 - 0.8 0.01 58.0 23.71 105.92 19.94 15.43 - 0.35 0.31 5 5910 2.15 -936.73  
LANDING 369 13.0 - 0.47 - 13.0 446 - 1.33 357.65 0.25 0.01 0.30 - 97 17697 5189

107441 CLCK REQUEST @ REACCCS T1=00604 SECONDS RUNNING 369790761155 7213

076206 CLCK REQUEST @ SERVICER T1=00605 SECONDS RUNNING 369790771460 892

063150 CLCK REQUEST @ RADAREAD T1=00611 SECONDS RUNNING 369790814879 1797

006071 CLCK REQUEST @ MUNGRAV T1=00620 SECONDS RUNNING 369790885914 7859

006071 CLCK REQUEST @ MUNGRAV T1=00631 SECONDS RUNNING 369790979933 5892

DISPLAYS = 64 06 64 +32X32 -00139 +00459 36979100005

006071 CLCK REQUEST @ MUNGRAV T1=00654 SECONDS RUNNING 3697910165102 1683

063107 CLCK REQUEST @ LRVFL T1=00700 SECONDS RUNNING 3697910369686 9141

063150 CLCK REQUEST @ RADAREAD T1=00713 SECONDS RUNNING 3697910471205 7874

101757 CLCK REQUEST @ RDGIMS T1=00721 SECONDS RUNNING 3697910531274 2974

063150 CLCK REQUEST @ RADAREAD T1=00724 SECONDS RUNNING 3697910565137 5919

063150 CLCK REQUEST @ RADAREAD T1=00736 SECONDS RUNNING 3697910664971 4331

063150 CLCK REQUEST @ RADAREAD T1=00751 SECONDS RUNNING 3697910764873 2863

063150 CLCK REQUEST @ RADAREAD T1=00762 SECONDS RUNNING 3697910864866 1394

073121 CLCK REQUEST @ QUADGUID T1=00767 SECONDS RUNNING 3697910916038 5763

072216 CLCK REQUEST @ THROTTLE T1=00832 SECONDS RUNNING 3697920266407 5661

006071 CLCK REQUEST @ FINDCDUW T1=00833 SECONDS RUNNING 3697920276042 6483

073477 CLCK REQUEST @ P64DISPS T1=00870 SECONDS RUNNING 3697920563011 0971

073476 CLCK REQUEST @ ENCLLJCB T1=00877 SECONDS RUNNING 3697920566042 123

063073 CLCK REQUEST @ LRALT T1=00887 SECONDS RUNNING 3697920718218 4215

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-F	CDUX	PRATE	ATT-X	DPPX	DCX	THRUST	RCS	APOLU
LANDING	(STABLE MEMBER COORDS)			FORVEL	LCNG	PITCH	BALL-P	CDUY	QRATE	ATT-Y	DPPY	DCY	DELTA V	DPS	PEPILU
	METRIC UNITS			ALT RATE	ALT	RCLL	BALL-Y	CDUZ	RPATE	ATT-Z	DPPZ	DCZ	MASS	APS	
369792.7	1736185	- 3.6	1.77	- 0.2	0.80	- 0.94	0.24	2.43	0.04	- 0.54	357	3.50	526.4	1.17	
102:43:13	3701	- 0.8	0.01	54.0	23.71	105.92	19.94	15.43	- 0.35	- 0.31	5	5910	2.15	-936.74	

LANDING 395 12.1 - 1.44 12.0 421 - 1.44 357.56 1.03 1774 - 62 5180

LMY99 ACC 001 NASA 2121112-361 NEW SIMULATION MARKSFOT 21414415 /FYLES LPRADAR2.ENVCTRL 7/22/69 14:43 PAGE 392  
/DUPLICATE LANDING LAST SNAP 369750

107441	CLOCK REQUEST @ READACCS	T1=01114	SECONDS RUNNING	369702.761156	7879
076206	CLOCK REQUEST @ SERVICER	T1=01115	SECONDS RUNNING	369702.771468	8759
063150	CLOCK REQUEST @ RADAREAD	T1=01121	SECONDS RUNNING	369702.814928	2469
006071	CLOCK REQUEST @ MUNGRAV	T1=01131	SECONDS RUNNING	369702.865874	8522
006071	CLOCK REQUEST @ MUNGRAV	T1=01142	SECONDS RUNNING	369702.961713	67
DISPLAYS = 64 06 64 +30X32 - 1129 +0431					369792.007000
006071	CLOCK REQUEST @ MUNGRAV	T1=01164	SECONDS RUNNING	369793.166959	2518
063107	CLOCK REQUEST @ LRVEL	T1=01211	SECONDS RUNNING	369703.369981	9833
063150	CLOCK REQUEST @ RADAREAD	T1=01222	SECONDS RUNNING	369703.469737	9345
101757	CLOCK REQUEST @ RDGIMS	T1=01231	SECONDS RUNNING	369703.531217	3591
063150	CLOCK REQUEST @ RADAREAD	T1=01234	SECONDS RUNNING	369703.564973	6463
063150	CLOCK REQUEST @ RADAREAD	T1=01246	SECONDS RUNNING	369703.664866	4996
063150	CLOCK REQUEST @ RADAREAD	T1=01267	SECONDS RUNNING	369703.764873	3531
063150	CLOCK REQUEST @ RADAREAD	T1=01272	SECONDS RUNNING	369703.864897	2765
073121	CLOCK REQUEST @ QUADGUID	T1=01277	SECONDS RUNNING	369703.915851	6413
072216	CLOCK REQUEST @ THROTTLE	T1=01342	SECONDS RUNNING	369704.269667	665
006071	CLOCK REQUEST @ FINDCDUW	T1=01343	SECONDS RUNNING	369704.279253	7424
073477	CLOCK REQUEST @ P64DISFS	T1=01400	SECONDS RUNNING	369704.562517	1595
073476	CLOCK REQUEST @ ENCLLJCB	T1=01400	SECONDS RUNNING	369704.565542	1354
063073	CLOCK REQUEST @ LRALT	T1=01417	SECONDS RUNNING	369704.719044	5029

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATF	ATT-X	DPX	DGX	THEUST	RCS	APLU					
LANDING	(STABLE	MEMPER	COORDS)	FORVEL	LONG	PITCH	BALL-P	CDUY	QRATE	ATT-Y	DPY	DGY	DELTAV	DPS	PEFLU					
	METRIC	UNITS		ALTRATE	ALT	RCLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPZ	DGZ	MASS	APS						
369794.7	1736178	-	3.3	1.76	-	0.2	0.80	-	1.74	0.17	2.51	0.14	-	0.43	356	0	3277	526.4	0.16	
102:43:15	3700	-	11.8	1.01	51.9	23.71	104.92	14.95	0.16	-	0.21	3	0	522	1461	-936.74				
LANDING	419	-	11.2	-	0.44	-	11.1	39.8	-	1.59	357.47	0.17	0.17	-	0.11	-	91	0	17652	5180

107441	CLOCK REQUEST @ READACCS	T1=01424	SECONDS RUNNING	369704.761155	8546
076206	CLOCK REQUEST @ SERVICER	T1=01425	SECONDS RUNNING	369704.771468	9425
063150	CLOCK REQUEST @ RADAREAD	T1=01431	SECONDS RUNNING	369704.814928	2469

006071	CLCCK REQUEST @ MUNGRAV	T1=01447	SECONDS RUNNING	369796.885144	9127
006071	CLCCK REQUEST @ MUNGRAV	T1=01452	SECONDS RUNNING	369796.984572	7611
DISPLAYS =	64 46 64 +28X31 -00119 +00416				369796.100036
006071	CLCCK REQUEST @ MUNGRAV	T1=01474	SECONDS RUNNING	369796.166936	3173
063107	CLCCK REQUEST @ LRVEL	T1=01521	SECONDS RUNNING	369796.371949	9667
063150	CLCCK REQUEST @ RADAREAD	T1=01532	SECONDS RUNNING	369796.469749	9113
101757	CLCCK REQUEST @ RCGIMS	T1=01542	SECONDS RUNNING	369796.541186	5179
063150	CLCCK REQUEST @ RADAREAD	T1=01544	SECONDS RUNNING	369796.564973	7133
063150	CLCCK REQUEST @ RADAREAD	T1=01556	SECONDS RUNNING	369796.664978	5664
063150	CLCCK REQUEST @ RADAREAD	T1=01570	SECONDS RUNNING	369796.764974	4197
063150	CLCCK REQUEST @ RADAREAD	T1=01602	SECONDS RUNNING	369796.864866	2729
073121	CLCCK REQUEST @ QUACGUID	T1=01613	SECONDS RUNNING	369796.957370	0027
072216	CLCCK REQUEST @ THROTTLE	T1=01653	SECONDS RUNNING	369796.274778	7709
006071	CLCCK REQUEST @ FINDDOWN	T1=01654	SECONDS RUNNING	369796.285751	8645
073477	CLCCK REQUEST @ P64DISP5	T1=01710	SECONDS RUNNING	369796.567503	2688
073476	CLCCK REQUEST @ ENDLJCR	T1=01711	SECONDS RUNNING	369796.57535	2947
063973	CLCCK REQUEST @ LRALT	T1=01727	SECONDS RUNNING	369796.718217	5549

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-F	CDUX	PRATE	ATT-X	DPPX	DGX	THEUST	RCS	APCLU
LANDING	(STABLE MEMBER COORDS)			FCRVEL	LCNG	PITCH	BALL-P	CDUY	QRATE	ATT-Y	DPPY	DGY	DELTA V	DPS	PERILU
	METRIC UNITS			ALTRATE	ALT	ROLL	BALL-Y	CDUZ	RPATE	ATT-Z	DPPZ	DCZ	MASS	APS	
369796.7	1736172	- 3.1	1.75	- 0.2	0.80	- 1.07	0.24	2.06	0.04	- 0.43	254	0	3248	526.4	0.86
102:43:17	3700	- 1.8	0.11	49.1	23.71	104.6	14.63	14.62	0.18	0.11	2	0	5028	108.6	-936.74
LANDING	442	1.03	- 0.42	- 10.2	377	- 1.77	357.98	0.18	0.04	- 0.1	- 87	0	17631	51.89	

107441	CLCCK REQUEST @ READACCS	T1=01734	SECONDS RUNNING	369796.761155	9217
076206	CLCCK REQUEST @ SERVJCK	T1=01735	SECONDS RUNNING	369796.771459	0007
063150	CLCCK REQUEST @ RADAREAD	T1=01741	SECONDS RUNNING	369796.814971	3799
006071	CLCCK REQUEST @ MUNGRAV	T1=01750	SECONDS RUNNING	369796.886114	9876

DISPLAYS =	64	06	64	+26X31	-11109	+0383											369797.00011
LMY99	AGC	001	NASA 2021112-061	NEW SIMULATION	MARSROT 20414415	/EYLES	LPPADAR2	ENVNCTFL	7/27/69	14:43	PAGE	384	/DUPLICATE	LANDING	LAST SNAP	369750	
006071				CLCCK REQUEST @ MUNGRAV		T1=02004		SECONDS	RUNNING		369797.014630					3643	
063107				CLCCK REQUEST @ LRVFL		T1=02031		SECONDS	RUNNING		369797.037211					1186	
063150				CLCCK REQUEST @ RACAREAD		T1=02043		SECONDS	RUNNING		369797.0470959					0783	
101757				CLCCK REQUEST @ RDCIMS		T1=02051		SECONDS	RUNNING		369797.0531176					4921	
063150				CLCCK REQUEST @ RACAREAD		T1=02054		SECONDS	RUNNING		369797.0565448					7846	
063150				CLCCK REQUEST @ RACAREAD		T1=02066		SECONDS	RUNNING		369797.0664872					6337	
063150				CLCCK REQUEST @ RACAREAD		T1=02100		SECONDS	RUNNING		369797.0764876					4854	
063150				CLCCK REQUEST @ RACAREAD		T1=02112		SECONDS	RUNNING		369797.084900					3300	
073121				CLCCK REQUEST @ QUACGUID		T1=02117		SECONDS	RUNNING		369797.0916397					7703	
072216				CLCCK REQUEST @ THROTTLE		T1=02162		SECONDS	RUNNING		369798.0266181					7633	
006071				CLCCK REQUEST @ FINDCDUW		T1=02163		SECONDS	RUNNING		369798.0275680					8453	
073477				CLCCK REQUEST @ P64DISPS		T1=02220		SECONDS	RUNNING		369798.0527154					299	
073476				CLCCK REQUEST @ ENFLJCB		T1=02220		SECONDS	RUNNING		369798.0565788					3143	
063073				CLCCK REQUEST @ LRLAT		T1=02237		SECONDS	RUNNING		369798.0718217					6215	

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-F	CDUX	PRATE	ATT-X	DPRX	DCX	THRUST	RCS	APOLU				
LANDING	(STAELE MEMBER COORDS)			FORVEL	LONG	PITCH	BALL-P	CDUY	QRATE	ATT-Y	DPPY	DGY	DELTA V	DPS	PERILU				
	METRIC	UNITS		ALTRATE	ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	DCZ	MASS	APS					
369798.7	1736166	-	2.8	1.74	-	1.2	0.80	-	1.07	1.23	2.70	0.04	-	0.32	3.2	3223	526.4	0.16	
102:43:19	3699	-	1.8	0.11	-	46.3	23.71	114.17	14.2	14.19	-	0.22	0.10	3	5824	1918	-936.75		
LANDING	463		9.4	-	3.41	-	9.3	357	-	1.98	357.29	0.23	-	0.30	0.00	84	176.9	5188	

107441				CLCCK REQUEST @ READACCS		T1=02244		SECONDS	RUNNING		369798.0761155					9879
076206				CLCCK REQUEST @ SERVICER		T1=02245		SECONDS	RUNNING		369798.0771459					0759
063150				CLCCK REQUEST @ RACAREAD		T1=02251		SECONDS	RUNNING		369798.0814872					4463
006071				CLCCK REQUEST @ MUNGRAV		T1=02260		SECONDS	RUNNING		369798.0886202					1558
006071				CLCCK REQUEST @ MUNGRAV		T1=02272		SECONDS	RUNNING		369798.0981296					4665
DISPLAYS =	64	06	64	+24X31	-00107	+0362										369798.00000
006071				CLCCK REQUEST @ MUNGRAV		T1=02314		SECONDS	RUNNING		369798.0166274					4445
063107				CLCCK REQUEST @ LRVFL		T1=02341		SECONDS	RUNNING		369798.0371100					1351
063150				CLCCK REQUEST @ RACAREAD		T1=02352		SECONDS	RUNNING		369798.0469747					0346
LMY99	AGC	001	NASA 2021112-061	NEW SIMULATION	MARSROT 20414415	/EYLES	LPPADAR2	ENVNCTFL	7/27/69	14:43	PAGE	385	/DUPLICATE	LANDING	LAST SNAP	369750

TIME	EVENT	DESCRIPTION	TIME	STATUS	TIME	PAGE
063150	CLCK REQUEST @	RADAREAD	T1=02352	SECONDS RUNNING	369799.9747	346
LMY99	AGC	J11 NASA 2021112-061 NEW SIMULATION	MARS DT 20414415 /EYLES	PADAR2.ENVNTH1 /DUPLICATE LANDING	7/20/99 14:43	PAGE 385
101757	CLCK REQUEST @	RDGIMS	T1=02361	SECONDS RUNNING	369799.531186	5589
063150	CLCK REQUEST @	RADAREAD	T1=02364	SECONDS RUNNING	369799.5675	8688
063150	CLCK REQUEST @	RADAREAD	T1=02376	SECONDS RUNNING	369799.664872	6997
063150	CLCK REQUEST @	RADAREAD	T1=02410	SECONDS RUNNING	369799.764969	5530
063150	CLCK REQUEST @	RADAREAD	T1=02422	SECONDS RUNNING	369799.864867	4063
073121	CLCK REQUEST @	QUADGUID	T1=02427	SECONDS RUNNING	369799.917907	3589

SNAPSHOT 3698.0 SECONDS RUNNING 3698.000078

072216	CLCCK REQUEST @ THROTTLE	T1=02473	SECONDS RUNNING	369800.271343	8749
006071	CLCCK REQUEST @ FINDCDUW	T1=02474	SECONDS RUNNING	369800.282276	9692
073477	CLCCK REQUEST @ P64DISPS	T1=02530	SECONDS RUNNING	369800.563199	3654
073476	CLCCK REQUEST @ ENCLLJCP	T1=02530	SECONDS RUNNING	369800.566234	3913
063073	CLCCK REQUEST @ LRALT	T1=02551	SECONDS RUNNING	369800.721356	7150

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME LANDING	P (STABLE METRIC	V MEMBER UNITS	A COORDS)	LATVEL FORVEL ALTRATE	LAT LONG ALT	YAW PITCH ROLL	BALL-R BALL-P BALL-Y	CDUW CDUY CDUZ	PRATE PRATE PRATE	ATT-X ATT-Y ATT-Z	DppX DPPY DPPZ	DGX DGY DGZ	THUST DELTA MASS	FCS OPS APS	APLU REFILU			
369800.7 102:43:21 LANDING	173616 3699	- 1.07	2.05 0.01	1.74 0.01	- 43.6	0.2 43.6	0.80 23.71	- 1.13	1.15 0.72	13.29 13.76	2.79 13.74	- 0.21	0.04 0.21	- 0.21	351 3	3203 582	527.64 1896	0.05 -936.75
	482	8.6	-	0.39	-	8.5	339	-	2.21	357.27	0.28	0.18	0.0	0	17588	5166		

107441	CLCCK REQUEST @ REACACCS	T1=02554	SECONDS RUNNING	369800.761155	1546
076206	CLCCK REQUEST @ SERVICER	T1=02555	SECONDS RUNNING	369800.771459	1425
063150	CLCCK REQUEST @ RADAREAD	T1=02561	SECONDS RUNNING	369800.814866	513
006071	CLCCK REQUEST @ MUNGRAV	T1=02570	SECONDS RUNNING	369800.984243	1750
006071	CLCCK REQUEST @ MUNGRAV	T1=02602	SECONDS RUNNING	369800.984752	9567

DISPLAYS = 64 06 64 +22X31 -00E92 +00342 369801.000001

006071	CLCCK REQUEST @ MUNGRAV	T1=02624	SECONDS RUNNING	369801.165489	5149
063107	CLCCK REQUEST @ LRVEL	T1=02651	SECONDS RUNNING	369801.370511	2544
063150	CLCCK REQUEST @ RADAREAD	T1=02662	SECONDS RUNNING	369801.469736	1112
101757	CLCCK REQUEST @ RDGIMS	T1=02671	SECONDS RUNNING	369801.531216	6258
063150	CLCCK REQUEST @ RADAREAD	T1=02674	SECONDS RUNNING	369801.569182	9498
063150	CLCCK REQUEST @ RADAREAD	T1=02706	SECONDS RUNNING	369801.664889	7665
063150	CLCCK REQUEST @ RADAREAD	T1=02720	SECONDS RUNNING	369801.764856	6195
063150	CLCCK REQUEST @ RADAREAD	T1=02732	SECONDS RUNNING	369801.864861	4729
073121	CLCCK REQUEST @ QUADGUID	T1=02740	SECONDS RUNNING	369801.923561	6738
072216	CLCCK REQUEST @ THROTTLE	T1=02703	SECONDS RUNNING	369802.027247	9493
066071	CLCCK REQUEST @ FINDCDUW	T1=02704	SECONDS RUNNING	369802.028322	9429
073477	CLCCK REQUEST @ P64DISPS	T1=02704	SECONDS RUNNING	369802.0564774	4455

073476 CLCCK REQUEST @ FNDLLJCB T1=03140 SECONDS RUNNING 3698 2.0567808 4714  
 063073 CLCCK REQUEST @ LRALT T1=03157 SECONDS RUNNING 3698 2.0712222 7549

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME LANDING	R (STABLE METRIC	V MEMBR UNITS	A COORDS)	LATVEL FORVEL ALTRATE	LAT LONG ALT	YAW PITCH ROLL	BALL-R BALL-P BALL-Y	CDUX CDUY	PRATE QRATE RRATE	ATT-X ATT-Y ATT-Z	DPPX DPPY DPPZ	DGX DGY DGZ	THPLCT DFLTAV MASS	RC DPS APS	APOLU PERILU
369802.7 102:43:23 LANDING	1736155 - 3698 - 499	2.3 0.7 7.8	1.73 - 0.11 0.37 -	0.2 41.1 7.8	0.81 - 23.71 323 -	1.08 113.19 2.46	0.30 13.23 357.11	2.87 13.21 - 0.29 -	0.04 0.37 0.00	0.10 0.04 0.00 -	349 4 77	1 1 1	3176 5846 17566	526.4 1875 5189	0.05 -936.75
DISPLAYS =	64	06	64		+20X11	-1.884	+0.324								369803.001003
006071	CLCCK REQUEST @ MUNGRAV									T1=03134	SECONDS RUNNING		3698 3.064447		5627
063107	CLCCK REQUEST @ LRVEL									T1=03160	SECONDS RUNNING		3698 3.0369237		3102
063150	CLCCK REQUEST @ RADAREAD									T1=03173	SECONDS RUNNING		3698 3.0471226		1815
101757	CLCCK REQUEST @ RDGIMS									T1=03201	SECONDS RUNNING		3698 3.0531179		6921
063150	CLCCK REQUEST @ RADAREAD									T1=03204	SECONDS RUNNING		3698 3.0566269		9016
063150	CLCCK REQUEST @ RADAREAD									T1=03216	SECONDS RUNNING		3698 3.0664922		8334
063150	CLCCK REQUEST @ RADAREAD									T1=03230	SECONDS RUNNING		3698 3.0764863		6863
063150	CLCCK REQUEST @ RADAREAD									T1=03242	SECONDS RUNNING		3698 3.0864858		5235
073121	CLCCK REQUEST @ QUADGUID									T1=03247	SECONDS RUNNING		3698 3.0910729		9313
072216	CLCCK REQUEST @ THRCTLF									T1=03306	SECONDS RUNNING		3698 4.0221655		5842
006071	CLCCK REQUEST @ FINDCDLW									T1=03313	SECONDS RUNNING		3698 4.0271079		9974
073477	CLCCK REQUEST @ P64ISPS									T1=03347	SECONDS RUNNING		3698 4.0550944		4453
073476	CLCCK REQUEST @ ENDLLJCB									T1=03347	SECONDS RUNNING		3698 4.0559976		4712
063073	CLCCK REQUEST @ LRALT									T1=03367	SECONDS RUNNING		3698 4.0712221		6216

369804.7 1736150 - 2.1 1.72 - 0.2 0.87 - 1.08 0.32 2.96 0.04 0.00 348 3156 526.4 0.15  
 102:43:25 3698 - 0.7 0.1 36.7 23.71 102.66 12.71 12.66 - 0.14 0.00 3 0 5847 1154 -936.75  
 LANDING 515 7.1 - 0.36 - 7.1 3.08 - 2.75 357.02 0.32 0.01 0.00 - 74 17545 5189

107441	CLCK	REQUEST @	READACCS	T1=03374	SECONDS	RUNNING	3698	4.761155	1879
076206	CLCK	REQUEST @	SERVICER	T1=03375	SECONDS	RUNNING	3698	4.771458	2759
063150	CLCK	REQUEST @	RADAREAD	T1=03401	SECONDS	RUNNING	3698	4.814881	6464
006071	CLCK	REQUEST @	MUNGRAV	T1=03411	SECONDS	RUNNING	3698	4.86593	2583
006071	CLCK	REQUEST @	MUNGRAV	T1=03422	SECONDS	RUNNING	3698	4.881894	1716
DISPLAYS =	64	06	64	+18x31	-	0077	+00308		3698 5.000020
006071	CLCK	REQUEST @	MUNGRAV	T1=03444	SECONDS	RUNNING	3698	5.166387	6459
063107	CLCK	REQUEST @	LRVEL	T1=03470	SECONDS	RUNNING	3698	5.388875	3739
063150	CLCK	REQUEST @	RADAREAD	T1=03502	SECONDS	RUNNING	3698	5.469742	2346
101757	CLCK	REQUEST @	RDCIMS	T1=03511	SECONDS	RUNNING	3698	5.531229	7592
063150	CLCK	REQUEST @	RADAREAD	T1=03514	SECONDS	RUNNING	3698	5.567139	7648
063150	CLCK	REQUEST @	RADAREAD	T1=03526	SECONDS	RUNNING	3698	5.664875	8997
063150	CLCK	REQUEST @	RADAREAD	T1=03540	SECONDS	RUNNING	3698	5.764865	7529
063150	CLCK	REQUEST @	RADAREAD	T1=03552	SECONDS	RUNNING	3698	5.864909	6766
073121	CLCK	REQUEST @	QUACCUID	T1=03557	SECONDS	RUNNING	3698	5.917275	0535
072216	CLCK	REQUEST @	THROTTLE	T1=03623	SECONDS	RUNNING	3698	6.271738	0695
006071	CLCK	REQUEST @	FINDCDUW	T1=03624	SECONDS	RUNNING	3698	6.281676	1631
073477	CLCK	REQUEST @	P64DISPS	T1=03660	SECONDS	RUNNING	3698	6.563324	5665
073476	CLCK	REQUEST @	ENDLLJOB	T1=03660	SECONDS	RUNNING	3698	6.566358	5923
063073	CLCK	REQUEST @	LRLAT	T1=03677	SECONDS	RUNNING	3698	6.719988	9032

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	DCY	THRUST	RCS	APDLU			
LANDING	(STABLE MEMBER METRIC	MEMBER METRIC	CCCRDS) UNITS	FORVFL ALTRATE	LCNG ALT	PITCH ROLL	PALL-P BALL-Y	CDUZY	CRATE RRATE	ATT-Y	DPPY	DCY	DELTA V MASS	DPS APS	PER ILU			
369806.7	1736146	-	1.0	1.71	-	0.1	0.87	-	1.11	0.36	3.05	0.04	0.01	246	0	313	526.4	0.14
102:43:27	3698	-	0.7	0.1	36.3	23.71	102.34	12.30	12.37	-	0.23	0.00	3	0	0	5847	1154	-936.75
LANDING	530		6.4	0.34	-	6.5	2.94	-	3.19	356.93	0.36	0.04	0.00	-	71	17524	5189	



LMY99 AGC 001 NASA 2021102-001 NEW SIMULATION MARSEFT 20414415 ZEYLES LI PADAR20 ENVNTRL 117/20/67 04:43 PACE 389  
 /DUPLICATE LANDING LAST SNAP 369800

107441	CLCCK REQUEST @ READACCS	T1=13714	SECONDS RUNNING	369806.761155	2546
076206	CLCCK REQUEST @ SFRVICER	T1=03705	SECONDS RUNNING	369806.771458	3425
063150	CLCCK REQUEST @ RADAREAD	T1=13711	SECONDS RUNNING	369806.814907	7133
006071	CLCCK REQUEST @ MUNGRAV	T1=13720	SECONDS RUNNING	369806.864057	3034
006071	CLCCK REQUEST @ MUNGRAV	T1=03732	SECONDS RUNNING	369806.965234	1667

DISPLAYS = 64 16 64 +16X32 -10070 +10293 369807.000012

006071	CLCCK REQUEST @ MUNGRAV	T1=03754	SECONDS RUNNING	369807.166437	7131
063107	CLCCK REQUEST @ LRVEL	T1=14001	SECONDS RUNNING	369807.371285	4611
063150	CLCCK REQUEST @ RADAREAD	T1=04012	SECONDS RUNNING	369807.469739	3312

VELOCITY DATA GOOD BIT CHANGED TO 0 AT T = 369807.051  
 RANGE DATA GOOD BIT CHANGED TO 0 AT T = 369807.051

101757	CLCCK REQUEST @ RDGIMS	T1=14021	SECONDS RUNNING	369807.631231	8259
063150	CLCCK REQUEST @ RADAREAD	T1=14024	SECONDS RUNNING	369807.669780	1499
063150	CLCCK REQUEST @ RADAREAD	T1=14036	SECONDS RUNNING	369807.664864	9663
063150	CLCCK REQUEST @ RADAREAD	T1=14050	SECONDS RUNNING	369807.764875	3197
063150	CLCCK REQUEST @ RADAREAD	T1=04062	SECONDS RUNNING	369807.864875	6737
073121	CLCCK REQUEST @ QUADGUID	T1=14070	SECONDS RUNNING	369807.921332	1548
072216	CLCCK REQUEST @ THROTTLE	T1=14133	SECONDS RUNNING	369808.0273187	1573
006071	CLCCK REQUEST @ FINDCROW	T1=04134	SECONDS RUNNING	369808.028451	2510
073477	CLCCK REQUEST @ P64DISPS	T1=14170	SECONDS RUNNING	369808.565891	6550
073476	CLCCK REQUEST @ ENCLLJCB	T1=14170	SECONDS RUNNING	369808.566922	6909
063073	CLCCK REQUEST @ LRALT	T1=14207	SECONDS RUNNING	369808.718215	9549

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	DGX	THRUST	RCS	APDU
LANDING	(STABLE MEMBR)	COORDS)	FORVEL	LCNG	PITCH	BALL-P	CDUY	PRATE	ATT-Y	DPPY	DGY	DELTA V	APS	PEPILU	
	METRIC UNITS		ALTRATE	ALT	ROLL	BALL-Y	CDUZ	BRATE	ATT-Z	DPPZ	DGZ	MASS	AFS		
369808.7	1736143	- 1.06	1.71	- 0.1	23.70	- 1.18	1.02	3.15	0.4	0.00	345	3119	526.4	0.74	
102:43:25	3697	- 0.6	0.01	34.1	101.75	11.81	11.79	- 0.27	0.00	4	5844	1812	-936.76		
LANDING	543	5.7	- 0.33	- 5.9	282	- 3.49	356.84	7.31	- 0.02	0.00	67	175.2	5169		

107441

CLCK REQUEST @ READACCS

T1=14214

SECONDS RUNNING

36980.761576

324

LMY99	AGC	QCI	NASA 2021112-61 NEW SIMULATION	MARSBOT 20414415 /EYLES	LPRADAP2.ENVNTEFL /7/27/60	14:43	PAGE	399	
					/DUPLICATE	LANDING	LAST	SNAP	369800
076206			CLCK REQUEST @ SERVICER	T1=14215	SECONDS	RUNNING	36980.771818		4122
063150			CLCK REQUEST @ RADARFAD	T1=14221	SECONDS	RUNNING	36980.80814875		7707
006071			CLCK REQUEST @ MUNGRAV	T1=14230	SECONDS	RUNNING	36980.8886347		3896
006071			CLCK REQUEST @ MUNGRAV	T1=14242	SECONDS	RUNNING	36980.982177		2065
DISPLAYS =	64	06	64	+14X32	-11164	+10279			3608.9010005
063107			CLCK REQUEST @ LRVEL	T1=14255	SECONDS	RUNNING	36980.9098996		2042
063150			CLCK REQUEST @ RADAREAD	T1=14267	SECONDS	RUNNING	36980.9094377		1274
101757			CLCK REQUEST @ PDGIMS	T1=14276	SECONDS	RUNNING	36980.9261214		5884
063150			CLCK REQUEST @ RADAREAD	T1=14301	SECONDS	RUNNING	36980.9296261		8875
063150			CLCK REQUEST @ RADAREAD	T1=14313	SECONDS	RUNNING	36980.9394858		7289
063150			CLCK REQUEST @ RADAREAD	T1=14325	SECONDS	RUNNING	36980.944853		5822
063150			CLCK REQUEST @ RADAREAD	T1=14337	SECONDS	RUNNING	36980.954874		4357
073121			CLCK REQUEST @ QUADGUID	T1=14347	SECONDS	RUNNING	36980.9675178		1211
072216			CLCK REQUEST @ THRATTLE	T1=14406	SECONDS	RUNNING	36980.9894311		7509
006071			CLCK REQUEST @ FINDCDUX	T1=14417	SECONDS	RUNNING	36980.989938		8410
073477			CLCK REQUEST @ P64DISPS	T1=14445	SECONDS	RUNNING	36980.993397		4007
073476			CLCK REQUEST @ ENDLJCR	T1=14445	SECONDS	RUNNING	36980.996926		4265
063073			CLCK REQUEST @ LRALT	T1=14517	SECONDS	RUNNING	36981.0718215		0215

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	P	V	A	LATVEL	LAT	YAW	BALL-P	CDUX	PRATE	ATT-X	DPPX	DCX	THRUST	RCS	APOLU		
LANDING	(STABLE MEMBER	COORDS)		LORVEL	LCNG	PITCH	FALL-P	CDUY	QRATE	ATT-Y	DPPY	DRY	DELTA V	DPS	PEPILU		
	METRIC	UNITS		ALTRATE	ALT	ROLL	-ALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	DCZ	MASS	APS			
369810.7	1736139	-	1.6	1.7	-	1.1	0.81	-	1.23	0.34	3.24	0.04	0.11	344	3.04	576.4	0.04
102:43:31	3697	-	0.6	0.11	32.0	23.71	101.3	11.37	11.34	-	0.19	0.0	3	5068	1701	-936.76	
LANDING	554		5.1	0.31	5.3	271	3.99	356.75	0.34	0.4	0.0	65	17472	5189			

107441			CLCK REQUEST @ READACCS	T1=14524	SECONDS	RUNNING	36981.0761154		3870
076206			CLCK REQUEST @ SERVICER	T1=14525	SECONDS	RUNNING	36981.0771735		4697
063150			CLCK REQUEST @ RADAREAD	T1=14531	SECONDS	RUNNING	36981.0814876		9464
006071			CLCK REQUEST @ MUNGRAV	T1=14537	SECONDS	RUNNING	36981.0974521		3893
006071			CLCK REQUEST @ MUNGRAV	T1=14551	SECONDS	RUNNING	36981.0974376		76

LMY99	AGC	QCI	NASA 2121112-061 NEW SIMULATION	MARSBOT 20414415 /EYLES	LPRADAP2.ENVNTEFL /7/27/60	14:43	PAGE	391	
					/DUPLICATE	LANDING	LAST	SNAP	369800

DISPLAYS =	64	06	04	+12X32	-00058	+00267											369811.000011			
063107	CLCK	REQUEST	@	LRVEL													T1=4565	SECONDS RUNNING	369811.094123	2284
063150	CLCK	REQUEST	@	RADAREAD													T1=04575	SECONDS RUNNING	369811.184925	0041
101757	CLCK	REQUEST	@	RDCIMS													T1=4676	SECONDS RUNNING	369811.261234	6553
063150	CLCK	REQUEST	@	RADAREAD													T1=04610	SECONDS RUNNING	369811.284861	8569
063150	CLCK	REQUEST	@	RADAREAD													T1=04622	SECONDS RUNNING	369811.384857	7102
063150	CLCK	REQUEST	@	RADAREAD													T1=04634	SECONDS RUNNING	369811.484879	5637
063150	CLCK	REQUEST	@	RADAREAD													T1=04646	SECONDS RUNNING	369811.584854	4168
073121	CLCK	REQUEST	@	QUADQUAD													T1=04656	SECONDS RUNNING	369811.666892	1169
072216	CLCK	REQUEST	@	THRATTLE													T1=04715	SECONDS RUNNING	369811.972654	7261
006071	CLCK	REQUEST	@	FINDCRW													T1=04716	SECONDS RUNNING	369811.083561	8101
073477	CLCK	REQUEST	@	P64DISPS													T1=04754	SECONDS RUNNING	369812.286379	4032
073476	CLCK	REQUEST	@	ENDLLJCB													T1=04754	SECONDS RUNNING	369812.289411	4291
063073	CLCK	REQUEST	@	LRLT													T1=5027	SECONDS RUNNING	369812.719875	1124

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LRS, FT, NMI, SEC, DEC

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	DGX	THEUST	RCS	APDLU
LANDING	(STABLE MEMBER COORDS)			FCRVEL	LONG	PITCH	PALL-P	CDUY	QRATE	ATT-Y	DPPY	DGY	DELTAV	OPS	PEFLU
	METRIC UNITS			ALTRATE	ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	DGZ	MASS	APS	
369812.7	1736136	- 1.4	1.69	- .01	1.80	- 1.29	0.36	3.32	0.04	0.21	341	0	3768	526.4	.14
102:43:33	3697	- 2.6	0.71	29.9	23.7	11.85	1.92	1.96	- 1.25	0.31	4	1	5872	1777	-926.76
LANDING	565	4.5	- 0.30	- 4.9	260	- 4.58	256.66	0.35	- 0.02	0.00	- 61	0	17462	5189	

107441	CLCK	REQUEST	@	READACCS													T1=5034	SECONDS RUNNING	369812.761155	4546
076206	CLCK	REQUEST	@	SERVICER													T1=05035	SECONDS RUNNING	369812.770742	5364
063150	CLCK	REQUEST	@	RADAREAD													T1=05041	SECONDS RUNNING	369812.814888	9131
006071	CLCK	REQUEST	@	MUNGRAV													T1=5053	SECONDS RUNNING	369812.912956	7513
DISPLAYS =	64	06	04	+10X33	-00052	+00250													369813.000009	
006071	CLCK	REQUEST	@	MUNGRAV													T1=05065	SECONDS RUNNING	369813.16488	6335
063107	CLCK	REQUEST	@	LRVEL													T1=05103	SECONDS RUNNING	369813.152857	7971
063150	CLCK	REQUEST	@	RADAREAD													T1=05114	SECONDS RUNNING	369813.244356	5822

101757

CLCCK REQUEST @ RADAREAD

T1=05124

SECONDS RUNNING

369813.344642

263

LMY99	AGC	001	NASA 2321112-061	NEW STIMULATION	MARSKUT 20414415	ZEYLES	LRRADAR2.ENVNTPLE 1772/69	14:43	PACF	392	
							/DUPLICATE	LANDING	LAST	SNAP	769800
063150				CLCCK REQUEST @ RADAREAD		T1=05126		SECONDS RUNNING	369813.344901		4359
063150				CLCCK REQUEST @ RADAREAD		T1=05147		SECONDS RUNNING	369813.445423		2937
063150				CLCCK REQUEST @ RADAREAD		T1=05152		SECONDS RUNNING	369813.544874		1423
				VELCCITY DATA GOOD BIT CHANGED TO 1 AT T = 369813.59							
				RANGE DATA GOOD BIT CHANGED TO 1 AT T = 369813.59							
063150				CLCCK REQUEST @ RADAREAD		T1=05164		SECONDS RUNNING	369813.644878		9957
073121				CLCCK REQUEST @ QUACGUJD		T1=05172		SECONDS RUNNING	369813.702276		4855
072216				CLCCK REQUEST @ THPCITLF		T1=05221		SECONDS RUNNING	369814.15107		1555
006071				CLCCK REQUEST @ FINCCDUW		T1=05236		SECONDS RUNNING	369814.065728		5870
073477				CLCCK REQUEST @ P6401SPS		T1=05267		SECONDS RUNNING	369814.318892		7473
073476				CLCCK REQUEST @ ENCLLJCB		T1=05270		SECONDS RUNNING	369814.322842		7810
063073				CLCCK REQUEST @ LRALT		T1=05337		SECONDS RUNNING	369814.0718215		1549

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPY	DCX	THRUST	RCS	APOLU				
LANDING	(STABLE MEMREP METRIC UNITS)	COORDS)	FCRVEL	ALTRATE	LONG	PITCH	BALL-P	CDUY	GRATE	ATT-Y	DPY	DCY	DELTA V	DPS	PERFILU				
					ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPRZ	DCZ	MASS	APS					
369814.7	1736133	-	1.3	1.69	-	0.1	0.80	-	1.46	0.27	3.41	0.04	0.32	341	1	3.51	526.4	0.14	
102:43:35	3682	-	0.6	3.01	-	28.0	23.70	-	1.36	1.46	1.44	0.23	0	3	-	2	5870	175	-036.76
LANDING	56		3.9	1.28	-	4.4	251	-	5.36	356.57	0.27	0.03	0.01	58	-	2	17421	5180	

107441				CLCCK REQUEST @ READACCS		T1=05344		SECONDS RUNNING	369814.0761154		5213
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VELCCITY DATA GOOD BIT CHANGED TO 1 AT T = 369814.75  
 RANGE DATA GOOD BIT CHANGED TO 1 AT T = 369814.76

076206				CLCCK REQUEST @ SERVICER		T1=05345		SECONDS RUNNING	369814.0770734		603
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063150				CLCCK REQUEST @ RADAREAD		T1=05353		SECONDS RUNNING	369814.0814861		9796
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006071				CLCCK REQUEST @ MUNGRAV		T1=05357		SECONDS RUNNING	369814.0879292		5294
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006071				CLCCK REQUEST @ MUNGRAV		T1=05371		SECONDS RUNNING	369814.097283		3276
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DISRLAYS = 64 76 64 +08X34 - 7.47 +0.245 369315.000000

063107				CLCCK REQUEST @ LRVEL		T1=05405		SECONDS RUNNING	369815.0094656		3331
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063150				CLCCK REQUEST @ RADAREAD		T1=05416		SECONDS RUNNING	369815.0184847		1369
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101757				CLCCK REQUEST @ RADGIMS		T1=05425		SECONDS RUNNING	369815.0211148		7124
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063150				CLCCK REQUEST @ RADAREAD		T1=0543		SECONDS RUNNING	369815.0278954		161
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063107	CLCK REQUEST @ LVL	T1=0543	SECONDS RUNNING	369815.012867	1379
063150	CLCK REQUEST @ RADAREAD	T1=05416	SECONDS RUNNING	369815.012867	1379
101757	CLCK REQUEST @ RDGIMS	T1=05425	SECONDS RUNNING	369815.021148	7156
063150	CLCK REQUEST @ RADAREAD	T1=0543	SECONDS RUNNING	369815.028724	161

LMY99	AGC	TIME	NASA 21112-061 NEW SIMULATION	MARSROT 20414415 /EYLES	LRRADAR2. FVNCNTL L 17/20/69 14:43	PAGE 393
					/DUPLICATE LANDING	LAST SNAP 369800
063150	CLCK REQUEST @ RADAREAD	T1=05442			SECONDS RUNNING	369815.0384867 8436
063150	CLCK REQUEST @ RADAREAD	T1=05454			SECONDS RUNNING	369815.0484881 6971
063150	CLCK REQUEST @ RADAREAD	T1=05466			SECONDS RUNNING	369815.0584872 5573
073121	CLCK REQUEST @ QUADGUID	T1=05476			SECONDS RUNNING	369815.062659 2141
072216	CLCK REQUEST @ THROTTLE	T1=05535			SECONDS RUNNING	369815.070342 8397
006071	CLCK REQUEST @ EINDCCDUW	T1=05535			SECONDS RUNNING	369815.079934 9215
073477	CLCK REQUEST @ P64DISPS	T1=05573			SECONDS RUNNING	369815.078430 4687
073476	CLCK REQUEST @ ENCLLJOB	T1=05574			SECONDS RUNNING	369815.082799 5769
063073	CLCK REQUEST @ LRLAT	T1=05647			SECONDS RUNNING	369816.0718220 2216

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	PALL-R	CDUX	PRATE	ATT-X	DPX	OGY	THFUST	RCS	APOLU	
LANDING	(STABLE MEMBER METRIC UNITS)	COORDS)	FORVEL	ALTRATE	LONG	PITCH	BALL-P	CDUY	CRATE	ATT-Y	DPY	OGY	DFLTAV	OPS	PEPILU	
					ALT	RCLL	BALL-Y	CRUZ	RRATE	ATT-Z	DPPZ	OGZ	MASS	APS		
369816.7	1736131	- 1.2	1.68	- 0.1	7.81	- 1.64	0.23	3.51	0.04	0.32	339		31.21	520.4	0.04	
102:43:37	3682	- 0.6	0.01	26.2	23.70	99.93	1.016	10.04	0.18	0.00	3		5886	17.31	-936.76	
LANDING	568	3.3	0.27	4.0	242	6.41	356.48	0.23	0.00	0.00	55		17421	51.90		
107441	CLCK REQUEST @ READACCS	T1=05654								SECONDS RUNNING			369816.071154		5879	
076206	CLCK REQUEST @ SERVICER	T1=05655								SECONDS RUNNING			369816.0771734		6697	
063150	CLCK REQUEST @ RADAREAD	T1=05661								SECONDS RUNNING			369816.0814684		0464	
006071	CLCK REQUEST @ MUNGRAV	T1=05667								SECONDS RUNNING			369816.0879140		5949	
006071	CLCK REQUEST @ MUNGRAV	T1=05701								SECONDS RUNNING			369816.094118		4144	
DISPLAYS =	64	06	64		+16X34	-00043	+00237									369817.000014
063107	CLCK REQUEST @ LRVEL	T1=05715								SECONDS RUNNING			369817.094694		4361	
063150	CLCK REQUEST @ RADAREAD	T1=05727								SECONDS RUNNING			369817.104856		2889	
101757	CLCK REQUEST @ RDGIMS	T1=05736								SECONDS RUNNING			369817.0261196		8551	
063150	CLCK REQUEST @ RADAREAD	T1=05741								SECONDS RUNNING			369817.029532		1462	
063150	CLCK REQUEST @ RADAREAD	T1=05753								SECONDS RUNNING			369817.0394874		0057	
063150	CLCK REQUEST @ RADAREAD	T1=05765								SECONDS RUNNING			369817.049491		8493	
063150	CLCK REQUEST @ RADAREAD	T1=05777								SECONDS RUNNING			369817.0594866		7073	

073121

CLCK REQUEST @ QUADGUID

T1=0606

SECONDS RUNNING

369817.664874

3338

LMY99	AGC	001	NASA 2021112-161 NEW SIMULATION	MARSROT 20414415 /EYLES	LPPADAP2, ENVCNTEL 07/24/60	14:43	PAGE	394
					/DUPLICATE LANDING	LAST SNAP		369800
072216			CLCK REQUEST @ THROTTLE		T1=06045	SECONDS RUNNING	369817.075400	4495
006071			CLCK REQUEST @ FINDCDUW		T1=06046	SECONDS RUNNING	369817.096318	4427
073477			CLCK REQUEST @ P64DISPS		T1=06104	SECONDS RUNNING	369818.0289163	6269
073476			CLCK REQUEST @ ENCLLJCB		T1=06105	SECONDS RUNNING	369818.0292194	6528
063073			CLCK REQUEST @ LRALT		T1=06157	SECONDS RUNNING	369818.719389	2982

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-F	CDUX	PPATE	ATT-X	DPX	THPUST	ICS	APOLU				
LANDING	(STAPLE	MEMBER	COORDS)	FORVEL	LONG	PITCH	BALL-P	CDUY	QRATE	ATT-Y	DPY	DELTA	UPS	PEPILU				
	METRIC	UNITS		ALT	ALT	RCLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPZ	MASS	APS					
369818.7	1736128	-	1.1	1.67	-	0.1	0.80	-	1.85	0.23	3.59	0.14	0.43	330	0	37.13	526.4	0.3
102:43:39	3682	-	0.5	0.01	24.4	23.70	99.61	9.78	0.10	0.10	2	0	5889	1709	-936.76			
LANDING	575		2.8	0.26	3.6	235	7.84	356.4	0.23	0.10	0.10	57	0	176.1	5186			

14.7441			CLCK REQUEST @ READACCS		T1=06164	SECONDS RUNNING	369818.761154	6566						
076206			CLCK REQUEST @ SERVICER		T1=06165	SECONDS RUNNING	369818.770734	7364						
063150			CLCK REQUEST @ RADAREAD		T1=06171	SECONDS RUNNING	369819.014958	1129						
006071			CLCK REQUEST @ MUNGRAV		T1=06177	SECONDS RUNNING	369819.076700	6403						
006071			CLCK REQUEST @ MUNGRAV		T1=06211	SECONDS RUNNING	369819.074543	4755						
DISPLAYS =	64	36	64		+04X36	-00139	+00228							369819.000001
063107			CLCK REQUEST @ LRVEL		T1=06225	SECONDS RUNNING	369819.092325	4806						
063150			CLCK REQUEST @ RADAREAD		T1=06236	SECONDS RUNNING	369819.184958	2702						
101757			CLCK REQUEST @ RDGIMS		T1=06246	SECONDS RUNNING	369819.0261225	9219						
063150			CLCK REQUEST @ RADAREAD		T1=06250	SECONDS RUNNING	369819.0289089	1597						
063150			CLCK REQUEST @ RADAREAD		T1=06262	SECONDS RUNNING	369819.384904	9773						
063150			CLCK REQUEST @ RADAREAD		T1=06274	SECONDS RUNNING	369819.484860	8302						
063150			CLCK REQUEST @ RADAREAD		T1=06306	SECONDS RUNNING	369819.584957	6935						
073121			CLCK REQUEST @ QUADGUID		T1=06316	SECONDS RUNNING	369819.665701	3734						
072216			CLCK REQUEST @ THROTTLE		T1=06355	SECONDS RUNNING	369819.0076334	7241						
006071			CLCK REQUEST @ FINDCDUW		T1=06356	SECONDS RUNNING	369819.0987291	1176						
073477			CLCK REQUEST @ P64DISPS		T1=06414	SECONDS RUNNING	369819.0287414	6797						
073476			CLCK REQUEST @ ENCLLJCB		T1=06415	SECONDS RUNNING	369819.0000445	745						

063073 CLCK REQUEST @ LRALT T1=06467 SECONDS RUNNING 369821.718214 3549

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-x	DPPX	DCX	THRUST	RCS	APPLU			
LANDING	(STABLE MEMBR	CCCRS)	FCRVEL	LCNG	PITCH	BALL-P	CDUY	OPATE	ATT-y	DPPY	DCY	DELTA V	RPS	APPLU				
	METRIC	UNITS	ALTRATE	ALT	RCLL	BALL-Y	CDUZ	RRATE	ATT-z	DPPZ	DCZ	MASS	APS	PERILU				
369820.7	1736126	-	1.0	1.66	-	0.1	0.80	-	2.13	1.25	3.68	0.04	0.76	336	0	2989	526.4	0.73
102:43:41	3682	-	0.5	0.01	22.7	23.70	99.33	5.56	9.54	-	0.12	-	0.11	3		5894	1689	-936.76
LANDING	581	-	2.3	-	1.25	-	3.3	228	-	9.84	356.31	0.24	0.02	0.00	-	52	17381	5189

107441 CLCK REQUEST @ READACCS T1=06474 SECONDS RUNNING 369821.761154 7213

076206 CLCK REQUEST @ SERVICER T1=06475 SECONDS RUNNING 369821.770734 8030

063150 CLCK REQUEST @ RADAREAC T1=06501 SECONDS RUNNING 369821.814669 1796

006071 CLCK REQUEST @ MUNGRAV T1=06510 SECONDS RUNNING 369821.881714 7441

006071 CLCK REQUEST @ MUNGRAV T1=06521 SECONDS RUNNING 369821.973749 5354

DISPLAYS = 64 16 64 +12x37 -00035 +00221 369821.00006

063107 CLCK REQUEST @ LRVEL T1=06535 SECONDS RUNNING 369821.041592 5410

VELOCITY DATA GOOD BIT CHANGED TO 1 AT T = 369821.013  
 RANGE DATA GOOD BIT CHANGED TO 1 AT T = 369821.013

063150 CLCK REQUEST @ RADAREAC T1=06546 SECONDS RUNNING 369821.144857 3369

101757 CLCK REQUEST @ RCGIMS T1=06555 SECONDS RUNNING 369821.251133 9024

063150 CLCK REQUEST @ RADAREAC T1=06560 SECONDS RUNNING 369821.284961 1002

063150 CLCK REQUEST @ RADAREAC T1=06572 SECONDS RUNNING 369821.384870 0426

063150 CLCK REQUEST @ RADAREAC T1=06604 SECONDS RUNNING 369821.444912 8972

073121 CLCK REQUEST @ QUADGUID T1=06610 SECONDS RUNNING 369821.523336 2252

063150 CLCK REQUEST @ RADAREAC T1=06616 SECONDS RUNNING 369821.584356 7502

072216 CLCK REQUEST @ THRUTTLE T1=06652 SECONDS RUNNING 369821.869152 1762

006071 CLCK REQUEST @ FINDCDUW T1=06653 SECONDS RUNNING 369821.878687 2575

073477 CLCK REQUEST @ P64DISPS T1=06710 SECONDS RUNNING 369822.164436 6994

073476 CLCK REQUEST @ ENDLJCB T1=06710 SECONDS RUNNING 369822.168497 7206

063073 CLCK REQUEST @ LRALT T1=06777 SECONDS RUNNING 369822.718214 4216

102:43:43 3682 - 0.5 1.01 21.1 23.70 98.84 9.16 9.15 - 0.24 0.00 3 5899 1669 -936.76  
LANDING 586 1.8 - 0.23 - 3.0 221 - 12.73 356.22 0.30 0.04 0.00 - 49 17361 5189

107441 CLCK REQUEST @ READACCS T1=07004 SECONDS RUNNING 369822.761179 7881

076206 CLCK REQUEST @ SERVICER T1=07015 SECONDS RUNNING 369822.770965 8717

063150 CLCK REQUEST @ RADAREAD T1=07011 SECONDS RUNNING 369822.814867 2463

006071 CLCK REQUEST @ MUNGRAV T1=07017 SECONDS RUNNING 369822.877310 7791

006071 CLCK REQUEST @ MUNGRAV T1=07031 SECONDS RUNNING 369822.97423 644

DISPLAYS = 04 6 64 +00X39 -00032 +0021+ 369823.00044

063107 CLCK REQUEST @ LRVEL T1=07045 SECONDS RUNNING 369823.04317 6318

063150 CLCK REQUEST @ RADAREAD T1=07056 SECONDS RUNNING 369823.184924 4041

101757 CLCK REQUEST @ RDCIMS T1=07066 SECONDS RUNNING 369823.261181 0543

063150 CLCK REQUEST @ RADAREAD T1=07070 SECONDS RUNNING 369823.284858 2560

063150 CLCK REQUEST @ RADAREAD T1=07102 SECONDS RUNNING 369823.384884 1104

063150 CLCK REQUEST @ RADAREAD T1=07114 SECONDS RUNNING 369823.484873 9637

073121 CLCK REQUEST @ QUADGUID T1=07123 SECONDS RUNNING 369823.557723 5853

063150 CLCK REQUEST @ RADAREAD T1=07126 SECONDS RUNNING 369823.584883 8171

072216 CLCK REQUEST @ THRATTLE T1=07163 SECONDS RUNNING 369823.679345 3298

006071 CLCK REQUEST @ FINDCDUW T1=07165 SECONDS RUNNING 369823.890247 4229

073477 CLCK REQUEST @ P64DISPS T1=07221 SECONDS RUNNING 369824.176549 8667

073476 CLCK REQUEST @ ENCLLJCB T1=07222 SECONDS RUNNING 369824.181445 9077

063073 CLCK REQUEST @ LRALT T1=07227 SECONDS RUNNING 369824.719973 5122

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	P	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPFX	DCX	THRUST	RCS	APDUU
LANDING	(STABLE METRIC)	VELOCITY	ALTITUDE	(FERVEL ALT)	LONG	PITCH	BALL-P	CDUY	PRATE	ATT-Y	DPFY	DCY	DELTA V	OPS	PER 1LU
369824.7	1736122	0.8	1.65	1.02	11.90	3.32	0.28	3.05	0.13	0.87	0.35		5899	526.0	1.004
102:43:45	3682	0.5	1.01	19.5	23.70	98.84	8.79	8.77	0.14	0.21	3		5899	1669	-936.76
LANDING	590	1.8	0.23	2.8	215	17.46	356.49	0.27	0.02	0.00	47		17361	5189	

107441 CLCK REQUEST @ READACCS T1=07214 SECONDS RUNNING 369824.761154 7846

076206 CLCK REQUEST @ SERVICER T1=07215 SECONDS RUNNING 369824.770965 8717



LMY99 AGC 01 VAS 212112-061 NFW SIMULATION MARKSHOT 21414415 /EYLF5 LHMADAF 20 ENVNTE L 07/23/65 14:42 PAGE 397 /DUPLICATE LANDING LAST SNAP 369800

063150	CLCCK REQUEST @ RADAREAD	T1=07321	SECONDS RUNNING	369826.014853	3128
006071	CLCCK REQUEST @ MUNGRAV	T1=07327	SECONDS RUNNING	369826.877148	5444
006071	CLCCK REQUEST @ MUNGRAV	T1=07341	SECONDS RUNNING	369826.074631	5743
DISRLAYS =	64 06 64	+00X41 -00029 +00208			369826.000021
063107	CLCCK REQUEST @ LRVEL	T1=07355	SECONDS RUNNING	369826.053191	6880
063150	CLCCK REQUEST @ RADAREAD	T1=07366	SECONDS RUNNING	369826.184864	473
101757	CLCCK REQUEST @ RDGIMS	T1=07376	SECONDS RUNNING	369826.271172	1214
063150	CLCCK REQUEST @ RADAREAD	T1=07400	SECONDS RUNNING	369826.288370	2535
063150	CLCCK REQUEST @ RADAREAD	T1=07412	SECONDS RUNNING	369826.384866	1769
063150	CLCCK REQUEST @ RADAREAD	T1=07424	SECONDS RUNNING	369826.484910	627
073121	CLCCK REQUEST @ QUADCUID	T1=07427	SECONDS RUNNING	369826.519506	3259
063150	CLCCK REQUEST @ RADAREAD	T1=07436	SECONDS RUNNING	369826.584871	8836
072216	CLCCK REQUEST @ THPOTILE	T1=07472	SECONDS RUNNING	369826.866527	2871
006071	CLCCK REQUEST @ FINDCDLW	T1=07473	SECONDS RUNNING	369826.876156	3693
073477	CLCCK REQUEST @ R64DISRS	T1=07530	SECONDS RUNNING	369826.168118	8617
073476	CLCCK REQUEST @ ENDLLJCB	T1=07531	SECONDS RUNNING	369826.171779	8919
063073	CLCCK REQUEST @ LRALT	T1=07617	SECONDS RUNNING	369826.718214	5549

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LRS, ET, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DRRX	DCX	THRUST	RCS	APOLU			
LANDING	(STABLE MEMBR COORDS)	METRIC	UNITS	CRVVEL	LCNG	RITCH	BALL-R	CDUY	QRATE	ATT-Y	DRRY	DGY	DELTA V	DYS	PPFILU			
				ALTRATE	ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DRRZ	DGZ	MASS	APS				
369826.7	1736121	-	.8	1.64	-	7.3	7.87	-	4.04	7.31	3.22	-	0.13	0.76	33.0	2937	526.3	0.03
102:43:47	3682	-	.4	1.31	18.7	23.76	97.59	8.59	8.56	-	0.06	-	0.21	3	0	50.9	1636	-936.76
LANDING	593		.8	1.22	-	2.6	210	-	25.91	356.76	0.21	0.04	0.11	-	45	17221	5189	

107441	CLCCK REQUEST @ READACCS	T1=07624	SECONDS RUNNING	369826.761154	9213
076206	CLCCK REQUEST @ SERVICER	T1=07625	SECONDS RUNNING	369826.770733	9213
063150	CLCCK REQUEST @ RADARFAD	T1=07631	SECONDS RUNNING	369826.814866	3796
006071	CLCCK REQUEST @ MUNGRAV	T1=07637	SECONDS RUNNING	369826.879617	6322
006071	CLCCK REQUEST @ MUNGRAV	T1=07651	SECONDS RUNNING	369826.972580	7266

LMY99	AGC	001	NASA 2121112-61 NEW SIMULATION	MARSFOT 20414415 /EYLES	LRRADAR2.ENVNTEFL 07/23/69 14:43	PAGE 398
					/DUPLICATE LANDING	LAST SNAP 369800
006071	CLCCK	REQUEST	@ MUNGRAV	T1=07673	SECONDS RUNNING	369827.159967 3245
063107	CLCCK	REQUEST	@ LRVEL	T1= 7700	SECONDS RUNNING	369827.203439 6954
063150	CLCCK	REQUEST	@ RADAREAD	T1=07711	SECONDS RUNNING	369827.204882 4757
101757	CLCCK	REQUEST	@ RDGIMS	T1=07721	SECONDS RUNNING	369827.21171 1267
063150	CLCCK	REQUEST	@ RADAREAD	T1=07723	SECONDS RUNNING	369827.304861 3299
063150	CLCCK	REQUEST	@ RADAREAD	T1=07735	SECONDS RUNNING	369827.494861 1822
063150	CLCCK	REQUEST	@ RADAREAD	T1=07747	SECONDS RUNNING	369827.594859 7355
073121	CLCCK	REQUEST	@ QUADGUID	T1=07757	SECONDS RUNNING	369827.674227 7128
063150	CLCCK	REQUEST	@ RADAREAD	T1=07761	SECONDS RUNNING	369827.694863 8889
072216	CLCCK	REQUEST	@ THROTTLE	T1=10005	SECONDS RUNNING	369827.802809 5781
006071	CLCCK	REQUEST	@ FINECDUW	T1=10006	SECONDS RUNNING	369827.914106 6745
073477	CLCCK	REQUEST	@ P64TSPS	T1=10043	SECONDS RUNNING	369827.102166 1317
073476	CLCCK	REQUEST	@ ENDLLJOB	T1=10043	SECONDS RUNNING	369828.195727 1630
063073	CLCCK	REQUEST	@ LRALT	T1=10127	SECONDS RUNNING	369828.718213 6215

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	COUX	PRATE	ATT-X	DPPX	DGX	THRUST	RCS	APOLU				
LANDING	(STABLE MEMBER COORDS)			FORVEL	LONG	PITCH	BALL-P	COUY	PRATE	ATT-Y	DPPY	DGY	DELTA	DPS	PERILLU				
	METRIC	UNITS		ALTRATE	ALT	ROLL	BALL-Y	COUZ	PRATE	ATT-Z	DPPZ	DGZ	MASS	APS					
369828.7	1736119	-	0.7	1.64	-	0.4	0.80	-	6.75	0.31	2.95	-	0.13	0.54	33	2526	524.03	0.43	
102:43:49	3682	-	0.4	0.01	16.06	22.70	95.91	8.44	8.42	-	0.07	-	0.11	3	0	5013	1610	-026.76	
LANDING	596		0.4	-	0.21	-	2.05	-	43.81	257.4	0.30	-	0.0	0.00	-	43	0	17361	5180

107441	CLCCK	REQUEST	@ READALCS	T1=10134	SECONDS RUNNING	369828.761154 6879
076206	CLCCK	REQUEST	@ SERVICEP	T1=10135	SECONDS RUNNING	369828.777733 8697
063150	CLCCK	REQUEST	@ RADAREAD	T1=10141	SECONDS RUNNING	369828.814893 4465
006071	CLCCK	REQUEST	@ MUNGRAV	T1=10147	SECONDS RUNNING	369828.879461 6975
006071	CLCCK	REQUEST	@ MUNGRAV	T1=10161	SECONDS RUNNING	369828.975319 8154

006071	CLCCK	REQUEST	@ MUNGRAV	T1=10204	SECONDS RUNNING	369829.102291 4162
063107	CLCCK	REQUEST	@ LRVEL	T1=10231	SECONDS RUNNING	369829.2066475 1533
063150	CLCCK	REQUEST	@ RADAREAD	T1=10242	SECONDS RUNNING	369829.400729 7365

LMY99 AGC 001 NASA 2021112-01 NEW SIMULATION MARSBOT 20414415 /EYLES LRRADAR% ENVNCT% 17/2/76 14:43 PAGE 399  
 /DUPLICATE LANDING LAST SNAP 369800

101757	CLCKK REQUEST @ RDGIMS	T1=10251	SECONDS RUNNING	369829.531169	5587
063150	CLCKK REQUEST @ RADAREAD	T1=10254	SECONDS RUNNING	369829.565381	9507
063150	CLCKK REQUEST @ RADAREAD	T1=10266	SECONDS RUNNING	369829.664865	6996
063150	CLCKK REQUEST @ RADAREAD	T1=10300	SECONDS RUNNING	369829.764876	5531
073121	CLCKK REQUEST @ QUAEGUID	T1=10313	SECONDS RUNNING	369829.794451	8054
063150	CLCKK REQUEST @ RADAREAD	T1=10312	SECONDS RUNNING	369829.864885	4064
072216	CLCKK REQUEST @ THRATTLE	T1=10231	SECONDS RUNNING	369830.14502	6832
006071	CLCKK REQUEST @ FINDCDUW	T1=10336	SECONDS RUNNING	369830.163609	1027
073477	CLCKK REQUEST @ P64DISPS	T1=10367	SECONDS RUNNING	369830.316786	2627
073476	CLCKK REQUEST @ ENDDLJCB	T1=10370	SECONDS RUNNING	369830.321366	3017
063073	CLCKK REQUEST @ LRLAT	T1=10437	SECONDS RUNNING	369830.719400	6983

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	y	A	LATVEL	LAT	YAW	BALL-P	CDUX	PRATE	ATT-X	DPPX	DGX	THRUST	RCS	APOLU				
LANDING	(STABLE MEMBER COORDS)			FCRVEL	LCAG	PITCH	BALL-P	CDUY	OPATE	ATT-Y	DPPY	DGY	DELTA V	DPS	PERILU				
	METRIC	UNITS		ALTRATE	ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	DGZ	MASS	APS					
369830.7	1736118	-	.7	1.64	-	0.5	0.80	-	8.29	0.21	2.68	-	0.13	0.54	330	0	2918	521.3	0.03
102:43:51	3682	-	.4	0.11	15.2	23.70	91.37	8.29	8.28	-	0.17	-	0.11	4	5918	1591	-936.76		
LANDING	597		.7	0.21	-	2.4	200	-	86.31	357.31	0.30	-	0.12	0.00	43	0	17282	5189	

107441	CLCKK REQUEST @ READACCS	T1=10444	SECONDS RUNNING	369830.761154	0546
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VELOCITY DATA GOOD BIT CHANGED TO 0 AT T = 369830.76  
 RANGE DATA GOOD BIT CHANGED TO 0 AT T = 369830.76

076206	CLCKK REQUEST @ SERVICER	T1=10445	SECONDS RUNNING	369830.770733	1363
063150	CLCKK REQUEST @ RADAREAD	T1=10451	SECONDS RUNNING	369830.814873	5130
060071	CLCKK REQUEST @ MUNGRAV	T1=10467	SECONDS RUNNING	369830.878981	0617
006071	CLCKK REQUEST @ MUNGRAV	T1=10471	SECONDS RUNNING	369830.976929	8959

DISP LAYS = 64 06 04 +X48 -00124 +00190 369831.000000

063107	CLCKK REQUEST @ LRVEL	T1=10521	SECONDS RUNNING	369831.208902	8754
063150	CLCKK REQUEST @ RADAREAD	T1=10532	SECONDS RUNNING	369831.304907	6946
101757	CLCKK REQUEST @ RDGIMS	T1=10541	SECONDS RUNNING	369831.371378	2619

063150

CLCK REQUEST @ RADAREAD

T1=10544

SECONDS RUNNING

269821.614855

5475

LMY99	AGC	DU1	NASA 2021112-061 NEW SIMULATION	MARSROT 20414415 /EYLES	LRRADAR2.ENVNTR1 17/23/69 14:43	PAGE 400
					/DUPLICATE LANDING	LAST SNAP 369800
063150			CLCK REQUEST @ RADAREAD	T1=10556	SECONDS RUNNING	269831.507895 4268
063150			CLCK REQUEST @ RADAREAD	T1=10570	SECONDS RUNNING	269821.0614873 2543
073121			CLCK REQUEST @ QUADGUID	T1=10577	SECONDS RUNNING	269821.675551 8575
063150			CLCK REQUEST @ RADAREAD	T1=10602	SECONDS RUNNING	269831.674869 1076
072216			CLCK REQUEST @ THRCITL	T1=10625	SECONDS RUNNING	269821.892923 7124
006071			CLCK REQUEST @ EINDCROW	T1=10626	SECONDS RUNNING	269831.904287 8093
073477			CLCK REQUEST @ P64DISP5	T1=10663	SECONDS RUNNING	269822.194751 2880
073476			CLCK REQUEST @ ENDLJCB	T1=10663	SECONDS RUNNING	269822.198412 3102
063073			CLCK REQUEST @ LRALT	T1=10747	SECONDS RUNNING	269822.718213 7548

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRAE	ATT-X	DPX	DCX	THRUST	RCS	APOLU
LANDING	(STABLE MEMBER COORDS)			FORVEL	LONG	PITCH	BALL-P	CDUY	ORATE	ATT-Y	DPPY	DCY	DELTA V	ORS	PERILU
	METRIC	UNITS		ALTRATE	ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	DCZ	MASS	ACS	
369822.7	1736110	-	0.7	1.63	-	0.5		2.04	-	0.13	0.21	33	2051	426.3	6.72
102:43:53	3682	-	0.4	0.1	130.8		23.76	84.42	8.17	0.21	2	0	5923	1571	-936.76
LANDING	598	-	0.4	1.20	-	2.3	195	-131.51	357.59	0.25	-	0.13	17262	5189	

107441			CLCK REQUEST @ REACACCS	T1=10754	SECONDS RUNNING	269822.761154 1213
076206			CLCK REQUEST @ SERVICEP	T1=10755	SECONDS RUNNING	269832.771733 2030
063150			CLCK REQUEST @ RADAREAD	T1=10761	SECONDS RUNNING	269822.814864 5796
006071			CLCK REQUEST @ MUNGRAV	T1=10767	SECONDS RUNNING	269832.879374 1243
006071			CLCK REQUEST @ MUNGRAV	T1=11001	SECONDS RUNNING	269832.973585 9340

DISPLAYS = 64 06 64 00X51 -00023 +00186 369832.00011

063107			CLCK REQUEST @ LRVEL	T1=11015	SECONDS RUNNING	269833.062226 9464
063150			CLCK REQUEST @ RADAREAD	T1=11026	SECONDS RUNNING	269833.184858 7369
101757			CLCK REQUEST @ PDGIMS	T1=11036	SECONDS RUNNING	269833.261217 3885
063150			CLCK REQUEST @ RADAREAD	T1=11040	SECONDS RUNNING	269823.287220 6114
063150			CLCK REQUEST @ RADAREAD	T1=11052	SECONDS RUNNING	269823.384854 4435
063150			CLCK REQUEST @ RADAREAD	T1=11064	SECONDS RUNNING	269823.484916 2973
073121			CLCK REQUEST @ QUADGUID	T1=11067	SECONDS RUNNING	269823.518015 5769
063150			CLCK REQUEST @ RADAREAD	T1=11076	SECONDS RUNNING	269823.584875 1514

LMY99	AGC	DU1	NASA 2 21112-061 NEW SIMULATION	MARSROT 20414415 /EYLES	LRRADAR2.ENVNTR1 17/23/69 14:43	PAGE 401
					/DUPLICATE LANDING	LAST SNAP 369800

LMY99 AGC 001 NASA 2121112-001 NEW SIMULATION MARSHALL 20414415 /EYLES LRRADAR2, ENVCTRL 7/27/77 14:42 PAGE 401  
/DUPLICATE LANDING LAST SNAP 369800

072216	CLOCK REQUEST @ THRATTLE	T1=111201	SECONDS RUNNING	369833.764677	6847
006071	CLOCK REQUEST @ FINCCDUW	T1=111211	SECONDS RUNNING	369833.774303	7668
073477	CLOCK REQUEST @ P64DISPS	T1=111157	SECONDS RUNNING	369834.774728	3304
073476	CLOCK REQUEST @ ENCLLJOB	T1=111157	SECONDS RUNNING	369834.78389	3617
063073	CLOCK REQUEST @ LRALT	T1=11257	SECONDS RUNNING	369834.718218	8216

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-P	CDUX	PRATE	ATT-X	DPPX	DGX	THRUST	RCS	APOLU							
LANDING	(STABLE MEMREF METRIC	COORDS)	FCPVEL	ALTRATE	LCNG	PITCH	BALL-P	CDUY	CRATE	ATT-Y	DRPY	DGY	DELTA V	DPS	REP ILU							
	UNITS				ALT	ROLL	BALL-Y	CDUZ	PRATE	ATT-Z	DPRZ	DGZ	MASS	ARS								
369834.7	1736115	-	0.7	1.61	-	0.6	11.80	-	3.61	0.14	2.17	-	0.13	0.00	327	0	2864	576.3	0.00			
102:43:55	3683	-	0.4	0.00	-	12.4	23.70	-	82.91	7.91	7.93	-	0.20	-	0.10	2	5927	1552	-936.76			
LANDING	557	-	0.8	-	0.19	-	2.3	191	-	151.15	357.87	-	0.14	-	0.04	-	0.10	-	40	0	17243	5100

107441	CLOCK REQUEST @ READACCS	T1=11264	SECONDS RUNNING	369834.761154	1879
076206	CLOCK REQUEST @ SFRVICER	T1=11265	SECONDS RUNNING	369834.771732	2697
063150	CLOCK REQUEST @ RACAPEAD	T1=11271	SECONDS RUNNING	369834.814661	6402
006071	CLOCK REQUEST @ MUNGRAV	T1=11277	SECONDS RUNNING	369834.879803	2004
006071	CLOCK REQUEST @ MUNGRAV	T1=11311	SECONDS RUNNING	369834.974714	1102

DISPLAYS = 64 06 64 +00X54 -00022 +00181 369835.00000

063107	CLOCK REQUEST @ LRVEL	T1=11325	SECONDS RUNNING	369835.95517	0411
063150	CLOCK REQUEST @ RACAPEAD	T1=11337	SECONDS RUNNING	369835.194886	8891
101757	CLOCK REQUEST @ REGINS	T1=11346	SECONDS RUNNING	369835.261181	4548
063150	CLOCK REQUEST @ RACAPEAD	T1=11351	SECONDS RUNNING	369835.295443	7472
063150	CLOCK REQUEST @ RACAPEAD	T1=11363	SECONDS RUNNING	369835.394871	5957
063150	CLOCK REQUEST @ RACAPEAD	T1=11375	SECONDS RUNNING	369835.494863	4489
073121	CLOCK REQUEST @ QUADCUIC	T1=11403	SECONDS RUNNING	369835.555157	9626
063150	CLOCK REQUEST @ RACAPEAD	T1=11407	SECONDS RUNNING	369835.594877	3023
072216	CLOCK REQUEST @ THRATTLE	T1=11431	SECONDS RUNNING	369835.774967	8391

006071	CLECK REQUEST @ FINDCDUW	T1=11432	SECONDS RUNNING	369836.785732	931
073477	CLECK REQUEST @ P64DISPS	T1=11470	SECONDS RUNNING	369836.81858	4579
073476	CLECK REQUEST @ ENCLLJCP	T1=11470	SECONDS RUNNING	369836.85521	4892

063073 CLCK REQUEST @ LRLAT T1=11567 SECONDS RUNNING 269836.71998 0024

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, ET, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	OPPX	DCX	THRUST	RCS	APOLU				
LANDING	(STABLE	MEMBER	COORDS)	FORVEL	LONG	PITCH	BALL-P	CDUY	QRATE	ATT-Y	OPPY	DCY	DELTA V	DPS	PERILU				
	METRIC	UNITS		ALT RATE	ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	DGZ	MASS	APS					
369836.7	1726113	-	0.7	1.61	-	0.7	1.80	-	2.29	0.1	1.84	-	0.13	0.00	324	0	2649	526.3	0.13
102:43:57	3683	-	0.4	0.00	11.2	23.70	82.86	7.47	0.20	0.21	2	0	5972	1533	-936.76				
LANDING	596	-	1.2	0.18	2.4	185	-159.63	358.15	0.1	0.03	0.21	38	17224	5180					

107441 CLCK REQUEST @ RADADCCS T1=11574 SECONDS RUNNING 269836.761155 2546

076206 CLCK REQUEST @ SERVICER T1=11575 SECONDS RUNNING 269836.771739 2364

063150 CLCK REQUEST @ RADAREAD T1=11601 SECONDS RUNNING 269836.814872 7130

006071 CLCK REQUEST @ MUNGRAV T1=11607 SECONDS RUNNING 269836.877435 2469

006071 CLCK REQUEST @ MUNGRAV T1=11621 SECONDS RUNNING 269836.974875 0784

DISPLAYS = 64 06 64 +0X58 -00021 +00177 369837.000004

063107 CLCK REQUEST @ LRVEL T1=11635 SECONDS RUNNING 269837.03419 0899

VELCCITY DATA GOOD BIT CHANGED TO 1 AT T = 369837.13  
 RANGE DATA GOOD BIT CHANGED TO 1 AT T = 369837.13

063150 CLCK REQUEST @ RADAREAD T1=11646 SECONDS RUNNING 269837.184862 8702

101757 CLCK REQUEST @ RDGIMS T1=11656 SECONDS RUNNING 269837.261186 5215

063150 CLCK REQUEST @ RADAREAD T1=11660 SECONDS RUNNING 269837.287685 7477

063150 CLCK REQUEST @ RADAREAD T1=11672 SECONDS RUNNING 269837.384865 5769

063150 CLCK REQUEST @ RADAREAD T1=11704 SECONDS RUNNING 269837.484869 4303

073121 CLCK REQUEST @ QUADGUJD T1=11710 SECONDS RUNNING 269837.524747 7706

063150 CLCK REQUEST @ RADAREAD T1=11716 SECONDS RUNNING 269837.584911 2840

072216 CLCK REQUEST @ THROTTLE T1=11740 SECONDS RUNNING 269837.768855 8537

006071 CLCK REQUEST @ FIDCCFW T1=11741 SECONDS RUNNING 269837.773880 9349

073477 CLCK REQUEST @ P64CLISPS T1=11777 SECONDS RUNNING 269838.076437 4784

073476 CLCK REQUEST @ ENCLLJCB T1=12001 SECONDS RUNNING 269838.181018 5174

063073 CLCK REQUEST @ LRLAT T1=12077 SECONDS RUNNING 269838.718213 9548

LMY99 AGC 001 NASA 2021112-061 NEW SIMULATION MARSROT 20414415 /EYLES LRRADAR2, FVNCNTPL 07/23/69 14:43 PAGE 403  
/DUPLICATE LANDING LAST SNAP 369800

102:43:59 3683 - 1.4 1.00 17.0 23.70 82.91 7.26 7.26 - 0.03 - 0.21 1 5937 1514 -936.76  
LANDING 594 - 1.5 1.18 - 2.5 180 -164.20 358.43 0.00 0.00 - 0.21 - 37 0 172.5 5189

107441 CLCCK REQUEST @ RFACACCS T1=12104 SECONDS RUNNING 369838.761154 3213

VELLOCITY DATA GOOD BIT CHANGED TO AT T = 369838.76  
RANGE DATA GOOD BIT CHANGED TO AT T = 369838.76

076206 CLCCK REQUEST @ SFRVICFR T1=12105 SECONDS RUNNING 369838.770732 4030

063150 CLCCK REQUEST @ RADAREAD T1=12111 SECONDS RUNNING 369838.815095 7816

006071 CLCCK REQUEST @ MUNGRAV T1=12117 SECONDS RUNNING 369838.878814 3253

006071 CLCCK REQUEST @ MUNGRAV T1=12131 SECONDS RUNNING 369838.972465 1245

DISPLAYS = 64 66 64 +00X61 -00022 +00172 369839.000004

063107 CLCCK REQUEST @ LRVEL T1=12145 SECONDS RUNNING 369839.09866 1348

063150 CLCCK REQUEST @ RADAREAD T1=12156 SECONDS RUNNING 369839.184865 9369

101757 CLCCK REQUEST @ RDGIMS T1=12165 SECONDS RUNNING 369839.251153 5126

063150 CLCCK REQUEST @ RADAREAD T1=12177 SECONDS RUNNING 369839.288567 8220

063150 CLCCK REQUEST @ RACAREAL T1=12202 SECONDS RUNNING 369839.384906 6440

063150 CLCCK REQUEST @ RADAREAD T1=12214 SECONDS RUNNING 369839.484881 4971

073121 CLCCK REQUEST @ QUACGUID T1=12223 SECONDS RUNNING 369839.552223 6717

063150 CLCCK REQUEST @ RADAREAD T1=12226 SECONDS RUNNING 369839.584857 3502

072216 CLCCK REQUEST @ THRCTLLE T1=12251 SECONDS RUNNING 369839.771282 9410

006071 CLCCK REQUEST @ FINDCDUW T1=12252 SECONDS RUNNING 369839.782106 6334

073477 CLCCK REQUEST @ P64DISPS T1=12311 SECONDS RUNNING 369840.083024 6012

073476 CLCCK REQUEST @ ENCLLJOB T1=12311 SECONDS RUNNING 369840.086684 6325

063073 CLCCK REQUEST @ LRALT T1=12497 SECONDS RUNNING 369840.718218 8215

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DRPX	CGX	THRUST	RCS	APDLU							
LANDING	(STABLE MEMB	COORDS)	FORVEL	LONG	PITCH	BALL-P	CDUY	GRATF	ATT-Y	DRPY	DGY	DELTA V	DRS	PER ILU								
	METRIC	UNITS	ALTRATE	ALT	ROLL	BALL-Y	CDUZ	RRATF	ATT-Z	DRPZ	DGZ	MASS	APS									
369840.7	1736112	-	1.7	1.60	-	1.8	1.80	-	1.35	-	0.22	1.28	-	1.13	-	0.21	323	0	2874	526.3	0.2	
102:44:1	3684	-	1.3	1.00	-	8.8	23.70	-	82.91	-	7.18	-	0.07	-	0.10	-	0	0	5937	1495	-936.76	
LANDING	592	-	1.9	-	1.17	-	2.6	175	-	167.19	-	358.70	-	0.2	-	0.21	-	25	0	172.5	5189	

LMY99 AGC 001 NASA 2021112-061 NEW SIMULATION MARSROT 20414415 /EYLES LRRADAR2, FVNCNTPL 07/23/69 14:43 PAGE 404  
/DUPLICATE LANDING LAST SNAP 369800



LMY99	AGC	01	NASA 2021112-061 NEW SIMULATION	MARSPT 20414415 /EYES	LRRADAR 2. ENV CNT #1	7/23/69	14:43	PAGE	404
									369800
107441	CLCCK	REQUEST	@	READACCS	T1=12414	SECONDS	RUNNING	369841.761154	3879
076206	CLCCK	REQUEST	@	SERVICER	T1=12415	SECONDS	RUNNING	369841.770732	4697
063150	CLCCK	REQUEST	@	RADAREAD	T1=12421	SECONDS	RUNNING	369841.815961	8556
006071	CLCCK	REQUEST	@	MUNGRAV	T1=12433	SECONDS	RUNNING	369841.916376	7125
DISPLAYS =	64	06	64	+00X65 -00023 +00168					369841.000055
006071	CLCCK	REQUEST	@	MUNGRAV	T1=12445	SECONDS	RUNNING	369841.014956	5537
063107	CLCCK	REQUEST	@	LRVEL	T1=12463	SECONDS	RUNNING	369841.155323	7515
063150	CLCCK	REQUEST	@	RADAREAD	T1=12475	SECONDS	RUNNING	369841.257092	6199
101757	CLCCK	REQUEST	@	RDGIMS	T1=12504	SECONDS	RUNNING	369841.325106	2003
063150	CLCCK	REQUEST	@	RADAREAD	T1=12507	SECONDS	RUNNING	369841.355364	4628
063150	CLCCK	REQUEST	@	RADAREAD	T1=12521	SECONDS	RUNNING	369841.454369	3076
063150	CLCCK	REQUEST	@	RADAREAD	T1=12533	SECONDS	RUNNING	369841.554857	1609
073121	CLCCK	REQUEST	@	QUACGUID	T1=12536	SECONDS	RUNNING	369841.587093	4359
063150	CLCCK	REQUEST	@	RADAREAD	T1=12545	SECONDS	RUNNING	369841.654355	0142
072216	CLCCK	REQUEST	@	THROTTLE	T1=12564	SECONDS	RUNNING	369841.806430	3076
006071	CLCCK	REQUEST	@	FINDCPLW	T1=12565	SECONDS	RUNNING	369841.815980	3891
073477	CLCCK	REQUEST	@	R64DISPS	T1=12623	SECONDS	RUNNING	369842.113002	9237
073476	CLCCK	REQUEST	@	ENDLLJCB	T1=12623	SECONDS	RUNNING	369842.116663	9549
063073	CLCCK	REQUEST	@	LRALT	T1=12717	SECONDS	RUNNING	369842.719386	0982

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NM, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	RRATE	ATT-X	DPX	DGX	THRUST	RCS	APOLU
LANDING	(STABLE MEMBER METRIC	COORDS)	FORVEL	ALTRATE	LONG	RITCH	BALL-P	CDUY	QRATE	ATT-Y	DRY	DGY	DELTA	DPS	PER ILU
	UNITS				ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DRPZ	DG7	MASS	APS	
369842.7	1736108	- 0.8	1.59	- 0.8	0.80	- 1.13	0.08	1.01	- 0.13	- 0.32	321	0	2812	526.3	0.02
102:44: 3	3669	- 0.3	0.00	7.6	23.70	83.09	6.98	6.97	- 0.13	- 0.10	2	- 2	5045	1476	-936.76
LANDING	579	- 2.2	0.17	- 2.7	170	-169.38	358.98	1.07	0.03	- 0.21	- 34	3	17167	5189	

107441	CLCCK	REQUEST	@	READACCS	T1=12724	SECONDS	RUNNING	369842.761154	4546
076206	CLCCK	REQUEST	@	SERVICER	T1=12725	SECONDS	RUNNING	369842.770731	6363

TIME	EVENT	LOCATION	T1	SECONDS RUNNING	369842.814871	9130
063150	CLCCK REQUEST @ RADARFAD		T1=12731			
006071	CLCCK REQUEST @ MUNGRAV		T1=12737	SECONDS RUNNING	369842.877550	4478
LMY99	AGC	061 NASA 2021112-061 NEW SIMULATION	MARSROT 20414415 /EYLES	LRRADAR2.FMVCNTPL 17/25/69	14:43	RAGF 405 SNAP 369800
006071	CLOCK REQUEST @ MUNGRAV		T1=12751	SECONDS RUNNING	369842.974971	2792
DISPLAYS =	64	76	64	+10x68 -00024 +10163		369843.000006
063107	CLCCK REQUEST @ LRVEL		T1=12765	SECONDS RUNNING	369843.093092	2871
063150	CLCCK REQUEST @ RADARFAD		T1=12776	SECONDS RUNNING	369843.184863	0702
101757	CLCCK REQUEST @ RDGIMS		T1=13006	SECONDS RUNNING	369843.261161	7213
063150	CLCCK REQUEST @ RADAREAD		T1=13010	SECONDS RUNNING	369843.284961	9236
063150	CLCCK REQUEST @ RADARFAD		T1=13022	SECONDS RUNNING	369843.384800	7771
063150	CLCCK REQUEST @ RADAREAD		T1=13034	SECONDS RUNNING	369843.484929	6378
073121	CLCCK REQUEST @ QUADGUID		T1=13040	SECONDS RUNNING	369843.524783	9709
063150	CLCCK REQUEST @ RADARFAD		T1=13046	SECONDS RUNNING	369843.584887	4838
072216	CLCCK REQUEST @ THROTTLE		T1=13071	SECONDS RUNNING	369843.771111	0729
006071	CLCCK REQUEST @ FINCCUM		T1=13072	SECONDS RUNNING	369843.781894	1649
073477	CLCCK REQUEST @ P64DISRS		T1=13127	SECONDS RUNNING	369844.079063	7008
073476	CLCCK REQUEST @ ENCLLJCB		T1=13130	SECONDS RUNNING	369844.083641	7398
063073	CLCCK REQUEST @ LRAIT		T1=13227	SECONDS RUNNING	369844.718212	1548

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	PALL-R	CDUX	PRATE	ATT-X	DPPX	DGX	THRUST	RCS	AROLU						
LANDING	(STABLE MEMBER COORDS)	METRIC	UNITS	FORVEL	LONG	RITCH	BALL-P	CDUY	QRATE	ATT-Y	DPPY	DGY	DELTA V	DPS	PERILU						
				ALTRATE	ALT	ROLL	BALL-Y	CDUZ	RPATE	ATT-Z	DPRZ	DGZ	MASS	APS							
369844.7	1736107	-	0.9	1.58	-	0.8	0.80	-	0.99	-	0.14	0.73	-	0.13	-	0.65	321	0	2792	526.3	0.72
102:44: 5	3679	-	0.3	0.01	-	0.5	23.70	-	83.22	-	6.82	6.82	-	0.03	-	0.21	2	0	5950	1457	-936.76
LANDING	575	-	2.6	-	0.16	-	3.0	164	-171.13	359.25	0.14	0.02	-	0.10	-	33	0	0	17148	5189	

107441	CLCCK REQUEST @ REACACCS		T1=13234	SECONDS RUNNING	369844.761154	5213
VELOCITY DATA GOOD BIT CHANGED TO 1 AT T = 369844.76 RANGE DATA GOOD BIT CHANGED TO 1 AT T = 369844.76						
076206	CLCCK REQUEST @ SERVICER		T1=13235	SECONDS RUNNING	369844.770731	6130
063150	CLCCK REQUEST @ RADAREAD		T1=13241	SECONDS RUNNING	369844.814871	9796
006071	CLCCK REQUEST @ MUNGRAV		T1=13250	SECONDS RUNNING	369844.861367	6471
006071	CLCCK REQUEST @ MUNGRAV		T1=13261	SECONDS RUNNING	369844.973636	3344

DISPLAYS = 64 6 64 + X72 -0726 +015d 369845.00019

063107	CLCCK REQUEST @ LRVEL	T1=13275	SECONDS RUNNING	369845.092267	3468
063150	CLCCK REQUEST @ RADAREAD	T1=13276	SECONDS RUNNING	369845.184855	1369
101757	CLCCK REQUEST @ RODIMS	T1=13316	SECONDS RUNNING	369845.261200	7883
063150	CLCCK REQUEST @ RADAREAD	T1=13320	SECONDS RUNNING	369845.284973	9903
063150	CLCCK REQUEST @ RADAREAD	T1=13332	SECONDS RUNNING	369845.384974	8437
063150	CLCCK REQUEST @ RADAREAD	T1=13344	SECONDS RUNNING	369845.484954	6968
073121	CLCCK REQUEST @ QUADGUID	T1=13354	SECONDS RUNNING	369845.561758	3531
063150	CLCCK REQUEST @ RADAREAD	T1=13356	SECONDS RUNNING	369845.584866	5503
072216	CLCCK REQUEST @ THROTTLE	T1=13402	SECONDS RUNNING	369845.784258	2518
006071	CLCCK REQUEST @ FINDCDUW	T1=13403	SECONDS RUNNING	369845.793887	3339
073477	CLCCK REQUEST @ P64DISPS	T1=13441	SECONDS RUNNING	369846.093849	8936
073476	CLCCK REQUEST @ ENDLJCB	T1=13441	SECONDS RUNNING	369846.097510	9248
063073	CLCCK REQUEST @ LRALT	T1=13537	SECONDS RUNNING	369846.718212	2215

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, MM<sup>3</sup>, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DppX	DGX	THRUST	RCS	APOLU					
LANDING	(STABLE MEMBER METRIC)	COORDS	FCRVEL	ALTRATE	LCNG	PITCH	BALL-P	CDUY	ORATE	ATT-Y	DPPY	DGY	DELTA V	DPS	PFRILU					
		UNITS			ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	DGZ	MASS	APS						
369846.7	1736105	-	1.0	1.57	-	0.8	0.80	-	0.86	0.14	0.81	0.13	-	0.87	318	0	2764	526.3	0.02	
102:44: 7	3670	-	0.3	0.00	5.5	23.70	83.25	6.78	6.77	-	0.00	-	0.21	1	0	5955	1438	-936.76		
LANDING	571	-	2.9	-	0.16	-	3.02	158	-172.11	359.18	0.14	-	0.03	-	0.11	-	33	0	17130	5189

107441	CLCCK REQUEST @ READACCS	T1=13544	SECONDS RUNNING	369846.761154	5879
076206	CLCCK REQUEST @ SERVICER	T1=13545	SECONDS RUNNING	369846.770731	6697
063150	CLCCK REQUEST @ RADAREAD	T1=13551	SECONDS RUNNING	369846.814867	0463
006071	CLCCK REQUEST @ MUNGRAV	T1=13557	SECONDS RUNNING	369846.879670	5993
006071	CLCCK REQUEST @ MUNGRAV	T1=13571	SECONDS RUNNING	369846.975122	4138

DISPLAYS = 64 06 64 +0x74 -00028 +0153 369847.000008

063107	CLCCK REQUEST @ LRVEL	T1=13605	SECONDS RUNNING	369847.095453	4406
063150	CLCCK REQUEST @ RADAREAD	T1=13617	SECONDS RUNNING	369847.194972	2800

101757	CLCK	REQUEST @	RDGIMS	T1=13626	SECONDS RUNNING	369847.261167	8547
063150	CLCK	REQUEST @	RADARFAD	T1=13631	SECONDS RUNNING	369847.254857	1422 407
LMY99	AGC	001	NASA 2021112-061 NEW SIMULATION	MARSROT 20414415 /EYLF5	SECONDS RUNNING	07/23/69 14:43	RACE 369800
063150	CLOCK	REQUEST @	RADAREAD	T1=13643	SECONDS RUNNING	369847.394370	9956
063150	CLCK	REQUEST @	RADAREAD	T1=13655	SECONDS RUNNING	369847.494876	8490
073531	CLCK	REQUEST @	VERTGUID	T1=13657	SECONDS RUNNING	369847.516637	0347
063150	CLOCK	REQUEST @	RADAREAD	T1=13667	SECONDS RUNNING	369847.594869	7023
072216	CLCK	REQUEST @	THRATTLE	T1=13671	SECONDS RUNNING	369847.614561	8703
006071	CLCK	REQUEST @	FINDCQW	T1=13676	SECONDS RUNNING	369847.661873	2741
073476	CLCK	REQUEST @	ENDELLJCB	T1=13730	SECONDS RUNNING	369847.924619	5162
DISPLAYS =	65	06	60	+00X74	-00028	+00153	369848.000019
063073	CLCK	REQUEST @	LRALT	T1=14047	SECONDS RUNNING	369848.719722	3010

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	DGX	THRUST	RCS	AROLU						
LANDING	(STABLE	MEMBER	COORDS)	FORVEL	LENG	RITCH	BALL-P	CDUY	QRATE	ATT-Y	DRRY	DGY	DELTA	DPS	PERILU						
	METRIC	UNITS		ALT	ALT	RCLL	BALL-Y	CDUZ	PRATE	ATT-Z	DRPZ	DGZ	MASS	ARS							
369848.7	1736103	-	1.0	1.62	-	0.8	0.80	-	0.56	359.96	1.07	0.13	-	0.65	321	0	2861	526.2	0.02		
102444.9	3670	-	0.3	0.07	-	4.4	23.70	-	83.41	6.59	0.20	0.00	-	2	0	5959	1420	-936.76			
LANDING	565	-	3.2	0.15	-	3.4	151	-	172.68	358.92	-	0.04	-	0.09	-	0.10	-	32	0	17111	5189

107441	CLCK	REQUEST @	READACCS	T1=14054	SECONDS RUNNING	369848.761154	6546
076206	CLCK	REQUEST @	SERVICER	T1=14055	SECONDS RUNNING	369848.770732	7363
063150	CLCK	REQUEST @	RADAREAD	T1=14061	SECONDS RUNNING	369848.814856	1129
006071	CLCK	REQUEST @	MUNGRAV	T1=14067	SECONDS RUNNING	369848.876858	6419
006071	CLCK	REQUEST @	MUNGRAV	T1=14101	SECONDS RUNNING	369848.973803	4692
DISPLAYS =	65	06	60	+00150	-00131	+00147	369849.000017
063107	CLCK	REQUEST @	LRVEL	T1=14115	SECONDS RUNNING	369849.052001	4778
063150	CLCK	REQUEST @	RADAREAD	T1=14126	SECONDS RUNNING	369849.184861	2702
101757	CLCK	REQUEST @	RDGIMS	T1=14136	SECONDS RUNNING	369849.261159	9213
063150	CLCK	REQUEST @	RADAREAD	T1=14140	SECONDS RUNNING	369849.284875	1237
063150	CLCK	REQUEST @	RADARFAD	T1=14152	SECONDS RUNNING	369849.384393	9772
063150	CLCK	REQUEST @	RADAREAD	T1=14164	SECONDS RUNNING	369849.484855	8302
073531	CLCK	REQUEST @	VERTGUID	T1=14165	SECONDS RUNNING	369849.491327	8854
063150	CLCK	REQUEST @	RADAREAD	T1=14176	SECONDS RUNNING	369849.584910	6840

063150	CLCCK REQUEST @ RADAREAD	T1=14126	SECONDS RUNNING	369849.184861	27 <sup>0</sup> 2
101757	CLCCK REQUEST @ PDGIMS	T1=14136	SECONDS RUNNING	369849.261159	9213
063150	CLCCK REQUEST @ RADAREAD	T1=14140	SECONDS RUNNING	369849.284875	1237
063150	CLCCK REQUEST @ RADAREAD	T1=14152	SECONDS RUNNING	369849.384893	9772
063150	CLCCK REQUEST @ RADAREAD	T1=14164	SECONDS RUNNING	369849.484855	8302
073531	CLCCK REQUEST @ VERTGUID	T1=14165	SECONDS RUNNING	369849.491327	8854
063150	CLCCK REQUEST @ RADAREAD	T1=14176	SECONDS RUNNING	369849.584910	6840

369.848  
 369.682  
 156  
 P65

072216 CLECK REQUEST @ THROTTLE T1=14177 SECONDS RUNNING 369849.597395 7905

006071 CLECK REQUEST @ FINDCDUW T1=14210 SECONDS RUNNING 369849.618289 8835

073476 CLECK REQUEST @ ENCLLJCB T1=14236 SECONDS RUNNING 369849.904434 4106

SNAPSCT 369850 SECONDS RUNNING 369850.000000

LMY99 AGC 001 NASA 2721112-001 NEW SIMULATION MARSROT 27414415 /EYLES LPRADAR2.ENVCMTE1 17/23/69 14:43 PAGE 409  
 /DUPLICATE LANDING LAST SNAP 369850

063073 CLCCK REQUEST @ LRLAT T1=14357 SECONDS RUNNING 369850.718218 2549

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DppX	PCX	THPUST	RCS	APOLU	
LANDING	(STABLE MEMBR CUORDS)	FCRVEL	ALTRATE	LONG	RITCH	BALL-P	CDUY	QRATE	ATT-Y	DRPY	PCY	DELTA V	DPS	PERILU		
	METRIC	UNITS		ALT	POLL	BALL-Y	CDUZ	RRATE	ATT-Z	DRPZ	TCZ	MASS	APS			
369850.7	1736101	- 1.0	1.003	- 0.08	0.80	- 0.32	350.85	1.34	0.13	- 0.32	328		2871	520.3	0.02	
102:44:11	3671	- 0.3	0.01	3.04	23.76	84.13	5.04	5.84	- 0.54	0.1	1		5944	14.1	-936.76	
LANDING	56	- 3.05	- 0.13	- 3.04	144	-172.93	350.65	- 0.14	- 0.00	- 0.11	- 37		17.92	51.90		
107441	CLCCK REQUEST @ READACCS							T1=14364		SECONDS RUNNING			369850.761155		7213	
076206	CLCCK REQUEST @ SERVICER							T1=14365		SECONDS RUNNING			369850.771739		8131	
063150	CLCCK REQUEST @ RADAREAD							T1=14371		SECONDS RUNNING			369850.814869		1796	
066071	CLCCK REQUEST @ MUNGRAV							T1=14377		SECONDS RUNNING			369850.879142		7281	
006071	CLCCK REQUEST @ MUNGRAV							T1=14411		SECONDS RUNNING			369850.972418		5241	
DISPLAYS =	65	06	60		+00039	-00033	+00141									369851.000013
006071	CLCCK REQUEST @ MUNGRAV							T1=14433		SECONDS RUNNING			369851.0158749		1141	
063107	CLCCK REQUEST @ LRVEL							T1=14460		SECONDS RUNNING			369851.0365414		8776	
063150	CLCCK REQUEST @ RADAREAD							T1=14473		SECONDS RUNNING			369851.0471239		7807	
101757	CLCCK REQUEST @ RDGIMS							T1=14501		SECONDS RUNNING			369851.0531230		2926	
063150	CLCCK REQUEST @ RADAREAD							T1=14504		SECONDS RUNNING			369851.0564872		5797	
063150	CLCCK REQUEST @ RADAREAD							T1=14516		SECONDS RUNNING			369851.0664865		4329	
063150	CLCCK REQUEST @ RADAREAD							T1=14530		SECONDS RUNNING			369851.0744852		2862	
073531	CLCCK REQUEST @ VERTGUI'D							T1=14530		SECONDS RUNNING			369851.0769739		3279	
063150	CLCCK REQUEST @ RADAREAD							T1=14542		SECONDS RUNNING			369851.0864871		1397	
072216	CLCCK REQUEST @ THROTTLE							T1=14543		SECONDS RUNNING			369851.0878118		2527	
006071	CLCCK REQUEST @ FINDCDUW							T1=14544		SECONDS RUNNING			369851.0888972		3453	
073476	CLCCK REQUEST @ ENCLLJOB							T1=14602		SECONDS RUNNING			369852.0181797		8441	
063073	CLCCK REQUEST @ LRLAT							T1=14667		SECONDS RUNNING			369852.0718218		4215	
369852.7	1736199	- 1.0	1.064	- 0.09	0.80	- 0.36	350.75	1.60	0.13	- 0.10	329	0	2863	520.3	0.02	
102:44:13	3671	- 0.2	1.000	2.06	23.76	35.47	4.08	4.49	- 0.74	- 0.1	1		5948	13.81	-936.76	

LMY99	AGC	DOI	NASA	2021112-061	NEW SIMULATION	MARSROT	20414415	/EYLES	LRPADAR2	FVNCNTPL	07/23/69	14:43	PAGE	410
								/DUPLICATE	LANDING	LAST	SNAP	369850		
	107441	CLCCK	REQUEST	@	READACCS		T1=14674		SECONDS	RUNNING		369852.761155		7879
	076206	CLCCK	REQUEST	@	SERVICER		T1=14675		SECONDS	RUNNING		369852.770738		8697
	063150	CLCCK	REQUEST	@	RADAREAD		T1=14701		SECONDS	RUNNING		369852.814876		2464
	006071	CLCCK	REQUEST	@	MUNGRAV		T1=14707		SECONDS	RUNNING		369852.879530		7981
	006071	CLCCK	REQUEST	@	MUNGRAV		T1=14721		SECONDS	RUNNING		369852.973919		6035
DISPLAYS =	65	36	60				+00029	-00032	+00132					369853.000003
	006071	CLCCK	REQUEST	@	MUNGRAV		T1=14744		SECONDS	RUNNING		369853.161740		2063
	063107	CLCCK	REQUEST	@	LRVEL		T1=14770		SECONDS	RUNNING		369853.366722		9555
	063150	CLCCK	REQUEST	@	RADAREAD		T1=15002		SECONDS	RUNNING		369853.469756		8347
	101757	CLCCK	REQUEST	@	RDGMIS		T1=15011		SECONDS	RUNNING		369853.532077		3665
	063150	CLCCK	REQUEST	@	RADAREAD		T1=15014		SECONDS	RUNNING		369853.566161		6565
	063150	CLCCK	REQUEST	@	RADAREAD		T1=15026		SECONDS	RUNNING		369853.664900		4999
	063150	CLCCK	REQUEST	@	RADAREAD		T1=15040		SECONDS	RUNNING		369853.764865		3529
	073531	CLCCK	REQUEST	@	VERTGUID		T1=15041		SECONDS	RUNNING		369853.775065		4400
	063150	CLCCK	REQUEST	@	RADAREAD		T1=15052		SECONDS	RUNNING		369853.864857		2062
	072216	CLCCK	REQUEST	@	THRITTLE		T1=15054		SECONDS	RUNNING		369853.883393		3644
	006071	CLCCK	REQUEST	@	EINCCDUW		T1=15055		SECONDS	RUNNING		369853.892948		4459
	073476	CLCCK	REQUEST	@	ENDLLJCB		T1=15112		SECONDS	RUNNING		369854.185433		9418
	063073	CLCCK	REQUEST	@	LRLAT		T1=15177		SECONDS	RUNNING		369854.719262		4971

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEC

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPX	DGX	THRUST	RCS	APOLU
LANDING	(STABLE MEMBER METRIC UNITS)	COORDS)	ECRVEL	LCNG	PITCH	RALL-P	COUY	RRATE	ATT-Y	DPPY	DGY	DELTA	DPS	PERILU	
			ALTRATE	ALT	RCLL	BALL-Y	COUZ	RRATF	ATT-Z	DPPZ	DGZ	MASS	APS		
369854.7	1736097	- 0.9	1.54	- 0.8	0.80	0.15	355.66	1.86	0.13	0.00	33	0	2852	526.3	0.02
102:44:15	3672	- 0.3	0.00	2.0	22.70	86.75	3.18	0.53	- 0.32	0	0	5672	1362	-936.76	
LANDING	546	- 3.9	0.06	- 2.2	131	-172.73	358.13	0.34	0.04	- 0.10	- 16	0	17.53	5189	

	107441	CLCCK	REQUEST	@	READACCS		T1=15204		SECONDS	RUNNING		369854.761154		8546
	076206	CLCCK	REQUEST	@	SERVICER		T1=15205		SECONDS	RUNNING		369854.770737		9363
	063150	CLCCK	REQUEST	@	RADAREAD		T1=15211		SECONDS	RUNNING		369854.814875		3130
	006071	CLCCK	REQUEST	@	MUNGRAV		T1=15217		SECONDS	RUNNING		369854.878166		8531



076206	CLCK REQUEST @ SEVICER	T1=15215	SECONDS RUNNING	369854.814875	3137
063156	CLCK REQUEST @ RADAREAD	T1=15211	SECONDS RUNNING	369854.814875	3137
006071	CLCK REQUEST @ MUNGRAV	T1=15217	SECONDS RUNNING	369854.814875	3137

006071	CLOCK REQUEST @ MUNGRAV	T1=15231	SECONDS PUNNING	369854.975634	6849
DISPLAYS =	65 06 60	+00021 -00032 +00124			369855.000011
006071	CLOCK REQUEST @ MUNGRAV	T1=15253	SECONDS RUNNING	369855.158195	2427
063107	CLOCK REQUEST @ LRVEL	T1=15200	SECONDS PUNNING	369855.365710	0135
063150	CLOCK REQUEST @ RADAREAD	T1=15312	SECONDS PUNNING	369855.469767	9014
101757	CLOCK REQUEST @ RDCIMS	T1=15321	SECONDS RUNNING	369855.521171	4254
063150	CLOCK REQUEST @ RADAREAD	T1=15324	SECONDS PUNNING	369855.564873	7130
063150	CLOCK REQUEST @ RADAREAD	T1=15336	SECONDS RUNNING	369855.664870	5663
063150	CLOCK REQUEST @ RADAREAD	T1=15350	SECONDS RUNNING	369855.764889	4198
073531	CLOCK REQUEST @ VERTGUID	T1=15351	SECONDS PUNNING	369855.773434	4927
063150	CLOCK REQUEST @ RADAREAD	T1=15362	SECONDS PUNNING	369855.864977	2730
072216	CLOCK REQUEST @ THPCTTLE	T1=15364	SECONDS PUNNING	369855.881364	4137
006071	CLOCK REQUEST @ FINDCDUW	T1=15365	SECONDS PUNNING	369855.890931	4954
073476	CLOCK REQUEST @ ENCLLJCB	T1=15422	SECONDS PUNNING	369855.187556	0266
063073	CLOCK REQUEST @ LRLAT	T1=15507	SECONDS RUNNING	369855.718217	5549

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LRS, FT, NMI, SEC, DEG

TIME LANDING	R (STABE METRIC)	V (MEMBER UNITS)	A (COORDS)	LATVEL FORVEL ALTRATE	LAT LCRG ALT	YAW PITCH ROLL	BALL-R BALL-P BALL-Y	CDUX CDUY CDUZ	PRATE QRATE RRATE	ATT-X ATT-Y ATT-Z	OPP-X OPP-Y OPP-Z	DCX DGY DCZ	THRUST DELTAV MASS	RCS DPS APS	APGLU PERILU
369856.7	1736095	-0.9	1.63	-3.9	0.00	0.09	359.81	2.13	0.13	0.32	330	0	2838	526.3	1.02
102:44:17	3672	-0.3	0.00	1.7	23.70	87.66	2.29	2.29	-0.37	-0.32	0	0	5976	1347	-936.76
LANDING	539	-4.0	-1.04	-3.1	124	-172.46	357.86	-0.19	0.09	0.00	-10	0	17024	5180	

107441	CLOCK REQUEST @ REACACCS	T1=15514	SECONDS PUNNING	369856.761155	9213
076206	CLOCK REQUEST @ SEVICEP	T1=15515	SECONDS RUNNING	369856.777737	0030
063150	CLOCK REQUEST @ RADAREAD	T1=15521	SECONDS PUNNING	369856.814876	3797
063071	CLOCK REQUEST @ MUNGRAV	T1=15527	SECONDS RUNNING	369856.879909	9346
006071	CLOCK REQUEST @ MUNGRAV	T1=15541	SECONDS RUNNING	369856.973306	7316
DISPLAYS =	65 06 60	+00116 -00031 +00117			369857.000001
006071	CLOCK REQUEST @ MUNGRAV	T1=15563	SECONDS PUNNING	369857.157955	3073
063107	CLOCK REQUEST @ LRVEL	T1=15610	SECONDS RUNNING	369857.365653	7097

063150	CLCCK REQUEST @ RADAREAD	T1=15623	SECONDS RUNNING	369857.471917	9779
101757	CLCCK REQUEST @ RODGIMS	T1=15631	SECONDS RUNNING	369857.531163	4920
063150	CLCCK REQUEST @ RADAREAD	T1=15634	SECONDS RUNNING	369857.564877	7797
063150	CLCCK REQUEST @ RADAREAD	T1=15646	SECONDS RUNNING	369857.664877	6330
063150	CLCCK REQUEST @ RADAREAD	T1=15667	SECONDS RUNNING	369857.764858	4862
073531	CLCCK REQUEST @ VERTGUID	T1=15660	SECONDS RUNNING	369857.765623	5269
063150	CLCCK REQUEST @ RADAREAD	T1=15672	SECONDS RUNNING	369857.864881	3397
072216	CLCCK REQUEST @ THRNTITLE	T1=15673	SECONDS RUNNING	369857.878467	4557
006071	CLCCK REQUEST @ FINDCOW	T1=15674	SECONDS RUNNING	369857.960374	5487
073476	CLCCK REQUEST @ ENDLJCB	T1=15731	SECONDS RUNNING	369859.179628	256
063073	CLCCK REQUEST @ L3ALT	T1=16017	SECONDS RUNNING	369859.718217	6215

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME LANDING	R (STABLE METRIC)	V MEMBER	A COORDS)	LATVEL FCVVEL ALTRATE	LAT LCNG ALT	YAW PITCH ROLL	BALL-R BALL-P BALL-Y	CDUX CEUY CDUZ	PRATE OPATE RRATE	ATT-X ATT-Y ATT-Z	DPX DPPY DPZ	THPUST OFLTAV MASS	PCS DPS APS	APOLI PERILU		
369858.7	1736953	-	0.9	1.62	-	0.9	0.80	0.09	359.85	2.40	0.13	0.54	328	2818	526.2	0.01
102:44:15	2672	-	0.3	0.00	-	1.5	23.70	88.20	1.75	1.75	0.19	0.43	0	598	1324	-936.76
LANDING	532	-	4.1	0.02	-	3.1	118	-172.21	357.59	-	0.15	0.01	0.00	7	17015	5189

107441	CLCCK REQUEST @ READACCS	T1=16024	SECONDS RUNNING	369859.761155	9879											
076206	CLCCK REQUEST @ SERVICER	T1=16025	SECONDS RUNNING	369859.770737	0697											
063150	CLCCK REQUEST @ RADAREAD	T1=16031	SECONDS RUNNING	369859.814976	4464											
006071	CLCCK REQUEST @ MUNGRAV	T1=16037	SECONDS RUNNING	369858.879686	9994											
006071	CLCCK REQUEST @ MUNGRAV	T1=16051	SECONDS RUNNING	369858.974106	8951											
DISPLAYS =	65	06	60	+00013	-00029	+00110										369859.000001
006071	CLCCK REQUEST @ MUNGRAV	T1=16074	SECONDS RUNNING	369859.161039	4003											
063107	CLCCK REQUEST @ LPVEL	T1=16120	SECONDS RUNNING	369859.266354	1523											
063150	CLCCK REQUEST @ RADAREAD	T1=16132	SECONDS RUNNING	369859.460744	1346											
101757	CLCCK REQUEST @ RODGIMS	T1=16141	SECONDS RUNNING	369859.521165	5587											

TIME	REQ	AGC	MODE	DESCRIPTION	TIME	STATUS	TIME	PAGE
063150	CLCK		001	NASA 2021112-061 NEW SIMULATION	T1=16144	SECONDS RUNNING	369859.664858	8541
063150	CLCK			RADARFAD	T1=16156	SECONDS RUNNING	369859.664858	6995
LMY99	AGC		001	NASA 2021112-061 NEW SIMULATION	MARSJOT 20414415 /EYLF5	LPPADAR2.FMVCNTRL /7/23/69 /DUPLICATE	14:43 LANDING	PAGE 413 LAST SNAP 369850
063150	CLCK			RADAREAD	T1=16170	SECONDS RUNNING	369859.764883	5531
073531	CLCK			VERTGUID	T1=16171	SECONDS RUNNING	369859.775791	6462
063150	CLCK			RADAREAD	T1=16202	SECONDS RUNNING	369859.844877	4064
072216	CLCK			THRITTLE	T1=16204	SECONDS RUNNING	369859.883125	5621
006071	CLCK			FINDCDUW	T1=16205	SECONDS RUNNING	369859.892654	6434
073476	CLCK			ENDLLJCB	T1=16242	SECONDS RUNNING	369861.038389	1243
063073	CLCK			LRALT	T1=16327	SECONDS RUNNING	369861.719712	7310

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	OGX	THUST	RCS	APDLU				
LANDING	(STABLE METRIC	MEMBER UNITS	COORDS)	FORVEL ALTRATE	LONG ALT	PITCH ROLL	BALL-P BALL-Y	CDUY CDUZ	QRATE RRATE	ATT-Y ATT-Z	DPPY DPPZ	PGY PGZ	DELTA MASS	DPS APS	PEPILU				
369860.7	1736091	-	0.9	1.62	-	0.9	0.80	0.08	359.89	2.68	0.13	0.87	326	0	2827	524.3	0.01		
102:44:21	3673	-	0.3	0.00	-	1.4	23.70	88.50	1.46	1.46	-	0.12	-	0.32	1	0	5994	13.0	-936.76
LANDING	524	-	4.2	-	0.01	-	3.1	112	-171.96	357.32	-	0.05	0.02	0.00	-	3	0	16996	51.95

107441	CLCK			READACCS	T1=16334	SECONDS RUNNING	369867.761154	1546											
076206	CLCK			SERVICER	T1=16335	SECONDS RUNNING	369867.770730	1363											
063150	CLCK			RADAREAD	T1=16341	SECONDS RUNNING	369861.814976	5130											
006071	CLCK			MUNGRAV	T1=16347	SECONDS RUNNING	369861.877218	7450											
006071	CLCK			MUNGRAV	T1=16361	SECONDS RUNNING	369860.973989	8708											
DISPLAYS =	65	06	60		45010	-00025	+00103												369861.000001
006071	CLCK			MUNGRAV	T1=16403	SECONDS RUNNING	369861.056090	4247											
063107	CLCK			LRVEL	T1=16430	SECONDS RUNNING	369861.036329	1957											
063150	CLCK			RADAREAD	T1=16441	SECONDS RUNNING	369861.045490	9748											
101757	CLCK			RDGIMS	T1=16451	SECONDS RUNNING	369861.0531219	6258											
063150	CLCK			RADARFAD	T1=16453	SECONDS RUNNING	369861.054862	8276											
063150	CLCK			RADARFAD	T1=16465	SECONDS RUNNING	369861.0654873	6810											
063150	CLCK			RADAREAD	T1=16477	SECONDS RUNNING	369861.0757020	5527											
073531	CLCK			VERTGUID	T1=16501	SECONDS RUNNING	369861.077419	6841											
063150	CLCK			RADAREAD	T1=16511	SECONDS RUNNING	369861.0854861	3976											
072216	CLCK			THRITTLE	T1=16513	SECONDS RUNNING	369861.087880	5918											
LMY99	AGC		001	NASA 2021112-061 NEW SIMULATION	MARSJOT 20414415 /EYLF5	LPPADAR2.FMVCNTRL /7/23/69 /DUPLICATE	14:43 LANDING	PAGE 414 LAST SNAP 369850											

072216 CLCK REQUEST @ THRTTLE T1=16513 SECONDS RUNNING 269861.878800 5910  
 LMY99 ACC 001 NASA 2021112-161 NEW SIMULATION MARSJUT 20414435 /FYLE5 LRRADAR2.ENVNTR1 7/27/73 14:42 PAGE 414  
 /DUPLICATE LANDING LAST SNAR 369859

006071 CLCK REQUEST @ FINCCDUW T1=16514 SECONDS RUNNING 269861.889673 6946  
 073476 CLCK REQUEST @ ENDLJJB T1=16552 SECONDS RUNNING 269862.195861 2121  
 063073 CLCK REQUEST @ LRLAT T1=16637 SECONDS RUNNING 269862.718211 7548

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	PALL-R	CDUX	PRATE	ATT-X	DPPX	DGX	THRUST	RCS	ApOLU				
LANDING	(STABLE MEMBER COORDS)	METRIC	UNITS	FORVEL	LCNG	PITCH	PALL-P	CDUZ	GRATE	ATT-Y	DRPY	DCY	DELTA V	DRS	RERILU				
				ALTRATE	ALT	ROLL	PALL-Y	CDUZ	RFATE	ATT-Z	DPPZ	DGZ	MASS	APS					
369862.7	1726089	-	0.9	1.63	-	0.9	0.80	0.17	359.82	2.73	0.00	0.98	328		2821	526.3	0.01		
102:44:23	3673	-	0.3	0.00	1.3	23.70	88.65	1.29	1.30	-	0.03	-	0.32	1	5987	1286	-936.76		
LANDING	517	-	4.2	-	0.11	-	3.1	1.05	-171.93	357.26	-	0.17	-	0.05	0.00	-	3	16978	5189

107441 CLCK REQUEST @ REACCCS T1=16644 SECONDS RUNNING 269862.761154 1213  
 076206 CLCK REQUEST @ SERVICER T1=16645 SECONDS RUNNING 269862.771730 2030  
 063150 CLCK REQUEST @ RADAREAD T1=16651 SECONDS RUNNING 269862.814876 5797  
 006071 CLCK REQUEST @ MUNGRAV T1=16657 SECONDS RUNNING 269862.879673 1326  
 006071 CLCK REQUEST @ MUNGRAV T1=16671 SECONDS RUNNING 269862.972979 9288

DISPLAYS = 65 16 61 +10009 -10029 +00097 369862.000001

006071 CLCK REQUEST @ MUNGRAV T1=16713 SECONDS RUNNING 269863.159427 5199  
 063107 CLCK REQUEST @ LRVEL T1=16749 SECONDS RUNNING 269863.367322 2939  
 063150 CLCK REQUEST @ RADAREAD T1=16753 SECONDS RUNNING 269863.471722 1873  
 101757 CLCK REQUEST @ RDGIMS T1=16761 SECONDS RUNNING 269863.531199 6923  
 063150 CLCK REQUEST @ RADAREAD T1=16764 SECONDS RUNNING 269863.565402 9847  
 063150 CLCK REQUEST @ RADAREAD T1=16775 SECONDS RUNNING 269863.664875 8331  
 063150 CLCK REQUEST @ RADAREAD T1=17010 SECONDS RUNNING 269863.764361 6862  
 073531 CLCK REQUEST @ VERTGUIC T1=17011 SECONDS RUNNING 269863.773635 7611  
 063150 CLCK REQUEST @ RADAREAD T1=17022 SECONDS RUNNING 269863.864857 5395  
 072216 CLCK REQUEST @ THRTTLE T1=17024 SECONDS RUNNING 269863.883392 6977  
 006071 CLCK REQUEST @ FINCCDUW T1=17025 SECONDS RUNNING 269863.902953 7723

073476 CLCCK #EQUFST @ ENLLJCB

T1=17062

SECONDS RUNNING

26074.185232

2734

063073 CLCCK REQUEST @ LRALT

T1=17147

SECONDS RUNNING

260964.718211

2215

369864.7 1736087 - 0.9 1.63 - 0.9 0.80 0.22 359.76 2.74 0.70 0.98 320 0 2818 526.3 0.01  
 102:44:25 3673 - 0.4 - 0.00 1.2 23.70 98.58 1.36 1.37 0.06 - 0.32 0 5951 1267 -936.76  
 LANDING 519 - 4.2 - 0.01 - 3.0 99 -171.85 357.24 - 0.24 - 0.71 0.00 - 2 0 16959 5189

107441	CLOCK REQUEST @ READACCS	T1=17154	SECONDS RUNNING	369864.761154	1879
076206	CLOCK REQUEST @ SERVICER	T1=17153	SECONDS RUNNING	369864.771729	2696
063150	CLOCK REQUEST @ RADAREAD	T1=17161	SECONDS RUNNING	369864.815516	6518
006071	CLOCK REQUEST @ MUNGRAV	T1=17173	SECONDS RUNNING	369864.917175	5185
DISPLAYS =	65 06 60 +0078 -0029 +0009				369865.000014
006071	CLOCK REQUEST @ MUNGRAV	T1=17215	SECONDS RUNNING	369865.015896	2617
006071	CLOCK REQUEST @ MUNGRAV	T1=17227	SECONDS RUNNING	369865.156671	9043
063107	CLOCK REQUEST @ LRVEL	T1=17254	SECONDS RUNNING	369865.413561	6698
063150	CLOCK REQUEST @ RADAREAD	T1=17265	SECONDS RUNNING	369865.494855	4488
101757	CLOCK REQUEST @ RDGIMS	T1=17275	SECONDS RUNNING	369865.571223	1115
063150	CLOCK REQUEST @ RADAREAD	T1=17277	SECONDS RUNNING	369865.594362	3122
063150	CLOCK REQUEST @ RADAREAD	T1=17311	SECONDS RUNNING	369865.664854	1555
063150	CLOCK REQUEST @ RADAREAD	T1=17323	SECONDS RUNNING	369865.794915	0104
073531	CLOCK REQUEST @ VERTGUID	T1=17325	SECONDS RUNNING	369865.812663	1618
063150	CLOCK REQUEST @ RADAREAD	T1=17335	SECONDS RUNNING	369865.864866	8622
072216	CLOCK REQUEST @ THROTTLE	T1=17340	SECONDS RUNNING	369865.921305	8879
006071	CLOCK REQUEST @ EINDCOW	T1= 7243	SECONDS RUNNING	369865.956166	3854
073476	CLOCK REQUEST @ ENGLLJCB	T1=17473	SECONDS RUNNING	369866.272981	6889
063073	CLOCK REQUEST @ LRALT	T1=17467	SECONDS RUNNING	369866.719226	8963

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	OGX	THPUST	PCS	APPLU
LANDING	(STABLE	MEMBER	COORDS)	FORVEL	LONG	PITCH	BALL-P	CDUZ	ORATE	ATT-Y	DPPY	OGY	DELTA V	DPS	PEPILU
	METRIC	UNITS		ALTRATE	ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	DGZ	MASS	APS	
369864.7	1736085 -	0.9	1.62 -	1.0	0.80	0.15	359.81	2.76	0.71	0.98	327		2812	526.3	0.01
102:44:27	3659 -	0.4	0.00	1.1	23.70	88.47	1.48	1.49	0.74 -	0.21	0 -	3	5955	1240	-936.76
LANDING	487 -	4.2 -	0.01 -	3.0	99	-171.76	357.22 -	0.18	0.03	0.00 -	2	2	16947	5189	

LMY99	AGC	001	NASA 2021112-01	NEW SIMULATION	MARSROT 2 414415 /EYLES	LRRADAR20 ENVNTP L 7/27/69	14:43	PAGE	416
						/DUPLICATE LANDING	LAST	SNAP	369850
076206	CLCCK	REQUEST	@	SFRVICER	T1=17465	SECONDS	RUNNING	369866.770729	3363
063150	CLCCK	REQUEST	@	RADAREAD	T1=17471	SECONDS	RUNNING	369866.814960	7120
006071	CLCCK	REQUEST	@	MUNGRAV	T1=17477	SECONDS	RUNNING	369866.877687	2490
006071	CLCCK	REQUEST	@	MUNGRAV	T1=17511	SECONDS	RUNNING	369866.975057	0799
DISPLAYS =	65	16	60		+0107 -00129 +00184				369867.000020
006071	CLCCK	REQUEST	@	MUNGRAV	T1=17533	SECONDS	RUNNING	369867.157131	6328
063107	CLCCK	REQUEST	@	LRVEL	T1=17560	SECONDS	RUNNING	369867.364218	4017
063150	CLCCK	REQUEST	@	RADAREAD	T1=17571	SECONDS	RUNNING	369867.454362	1742
101757	CLCCK	REQUEST	@	RDGIMS	T1=17601	SECONDS	RUNNING	369867.531204	8257
063150	CLCCK	REQUEST	@	RADAREAD	T1=17603	SECONDS	RUNNING	369867.554374	1277
063150	CLCCK	REQUEST	@	RADAREAD	T1=17615	SECONDS	RUNNING	369867.654897	0812
063150	CLCCK	REQUEST	@	RADAREAD	T1=17627	SECONDS	RUNNING	369867.757021	7527
073531	CLCCK	REQUEST	@	VERTGUD	T1=17631	SECONDS	RUNNING	369867.772671	8862
063150	CLCCK	REQUEST	@	RADAREAD	T1=17641	SECONDS	RUNNING	369867.844866	5876
072216	CLCCK	REQUEST	@	THRCTILE	T1=17643	SECONDS	RUNNING	369867.879003	7936
006071	CLCCK	REQUEST	@	FINDCDLW	T1=17644	SECONDS	RUNNING	369867.889823	8859
073476	CLCCK	REQUEST	@	ENDLLJOB	T1=17702	SECONDS	RUNNING	369869.185755	4452
063073	CLCCK	REQUEST	@	LRLALT	T1=17767	SECONDS	RUNNING	369868.718211	9548

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SFC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPYX	DCX	THRUST	PCS	APOLU
LANDING	(STABLE	MEMBER	COORDS)	FORVFL	LONG	PITCH	BALL-P	CDUY	GRATE	ATT-Y	DPY Y	DCY	DELTA V	OPS	PERILU
	METRIC	UNITS		ALTRATE	ALT	ROLL	BALL-Y	CDUZ	RPATE	ATT-Z	DPYZ	DCZ	MASS	APS	
369868.7	1736.83	-	0.9	1.62	-	1.0	1.80	0.15	259.81	2.70	0.00	0.98	327	0	526.3
102:44:29	3659	-	0.4	1.00	-	1.1	23.70	88.41	1.54	1.56	0.12	0.1	1	0	036.76
LANDING	480	-	4.3	0.01	-	3.0	87	-171.72	357.21	0.18	0.02	0.0	3	0	16921

107441	CLCCK	REQUEST	@	RADACCS	T1=17774	SECONDS	RUNNING	369869.761154	3213
076206	CLCCK	REQUEST	@	SFRVICER	T1=17775	SECONDS	RUNNING	369869.777300	4031
063150	CLCCK	REQUEST	@	RADAREAD	T1=21101	SECONDS	RUNNING	369869.814863	7796
006071	CLCCK	REQUEST	@	MUNGRAV	T1=21111	SECONDS	RUNNING	369869.810109	3133
006071	CLCCK	REQUEST	@	MUNGRAV	T1=21121	SECONDS	RUNNING	369869.873094	1315



DISPLAYS = 65 16 60 +1006 -1029 +0078 369869.000002

006071	CLCK REQUEST @ MUNGRAV	T1=20043	SECONDS RUNNING	369869.158535	7123
063107	CLCK REQUEST @ LRVEL	T1=20071	SECONDS RUNNING	369869.264364	4857
063150	CLCK REQUEST @ RADAREAD	T1=20103	SECONDS RUNNING	369869.470900	3778
101757	CLCK REQUEST @ RDGIMS	T1=20111	SECONDS RUNNING	369869.531225	8925
063150	CLCK REQUEST @ RADAREAD	T1=20114	SECONDS RUNNING	369869.564851	1795
063150	CLCK REQUEST @ RADAREAD	T1=20126	SECONDS RUNNING	369869.644861	4229
063150	CLCK REQUEST @ RADAREAD	T1=20140	SECONDS RUNNING	369869.764912	8847
073531	CLCK REQUEST @ VERTGUID	T1=20141	SECONDS RUNNING	369869.772546	9518
063150	CLCK REQUEST @ RADAREAD	T1=20152	SECONDS RUNNING	369869.864857	7495
072216	CLCK REQUEST @ THRCITL	T1=20154	SECONDS RUNNING	369869.882697	8918
006071	CLCK REQUEST @ FINDCDUW	T1=20155	SECONDS RUNNING	369869.892218	9730
073476	CLCK REQUEST @ ENCLLJCB	T1=20212	SECONDS RUNNING	369871.184379	4661
063073	CLCK REQUEST @ LRALT	T1=20277	SECONDS RUNNING	369871.718211	215

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-F	CDUx	PRAIF	ATT-X	DppX	DGX	THRUST	RCS	APOLU
LANDING	(STABLE	MEMBER	COORDS)	FORVEL	LONG	PITCH	BALL-P	CDUY	OPATE	ATT-Y	DPY	DGY	DELTA	DPS	PER ILU
	METRIC	UNITS		ALTRATE	ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	DCZ	MASS	APS	
369870.7	1736081	-	0.9	1.62	-	1.0	0.81	0.17	359.79	2.01	0.00	0.98	28.3	526.2	6.01
102:44:31	3660	-	0.4	0.07	-	1.9	22.77	88.40	1.54	0.00	0.00	0.11	0.00	1211	-936.76
LANDING	472	-	4.3	1.01	-	3.0	81	-171.66	357.18	-	0.00	0.00	169.2	5180	

DISPLAYS = 65 16 60 +1005 -1029 +0072 369871.000012

107441	CLCK REQUEST @ READACCS	T1=20304	SECONDS RUNNING	369871.761154	3879
076206	CLCK REQUEST @ SERVICER	T1=20305	SECONDS RUNNING	369871.770729	4696
063150	CLCK REQUEST @ RADAREAD	T1=20311	SECONDS RUNNING	369871.814973	8463
006071	CLCK REQUEST @ MUNGRAV	T1=20317	SECONDS RUNNING	369871.879617	3588
006071	CLCK REQUEST @ MUNGRAV	T1=20331	SECONDS RUNNING	369871.74139	2045
006071	CLCK REQUEST @ MUNGRAV	T1=20353	SECONDS RUNNING	369871.159961	7911

TIME	AGC	REQ	TYPE	TIME	SECONDS RUNNING	PAGE
063107		CLCK	REQUEST @ LRVEL	T1=20400	369871.368036	411
063150		CLCK	REQUEST @ RADAREAD	T1=20412	369871.463729	4344
LMY99	AGC	011	NASA 2021112-061 NEW SIMULATION	MARSFOT 20414415 /EYLF5	LRRADAP2.FUNCNTEL 7/23/69 14:43	PAGE 418 LAST SNAP 369850
101757		CLCK	REQUEST @ RCGIMS	T1=20421	369871.531278	9591
063150		CLCK	REQUEST @ RADAREAD	T1=20424	369871.566367	2591
063150		CLCK	REQUEST @ RADAREAD	T1=20436	369871.664851	9905
063150		CLCK	REQUEST @ RADAREAD	T1=20450	369871.764350	9537
073531		CLCK	REQUEST @ VERIGUID	T1=20451	369871.775651	9399
063150		CLCK	REQUEST @ RADAREAD	T1=20462	369871.864855	9062
072216		CLCK	REQUEST @ THROTTLE	T1=20464	369871.882866	9599
006071		CLCK	REQUEST @ FINDCDUW	T1=20465	369871.892386	1411
073476		CLCK	REQUEST @ ENCLLJCB	T1=20522	369871.918334	5237
063073		CLCK	REQUEST @ LRALT	T1=20607	369872.019711	1000

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	VAW	BALL-R	CDUX	PRATF	ATT-X	DPPY	OGX	THRUST	XC S	APDLU
LANDING	(STABLE	MEMBER	COORDS)	FORVEL	LONG	PITCH	BALL-P	CDUY	QRATF	ATT-Y	DPPZ	OGY	DELTA V	DPS	PERILU
	METRIC	UNITS		ALT	ALT	RCLL	PALL-Y	CDUZ	RRATF	ATT-Z	DPPZ	EGZ	MASS	APS	
369872.7	1736.80	-	1.9	1.62	-	1.01	1.08	0.01	350.86	2.02	0.71	1.00	327	2797	1.0
102:44:33	3660	-	1.4	0.00	-	1.07	23.70	88.48	1.48	-	0.75	-	0.00	1.192	-936.76
LANDING	464	-	4.3	0.11	-	3.0	75	-171.61	357.16	-	0.13	0.05	0.00	-	3

107441		CLCK	REQUEST @ READACCS	T1=20614	369872.061154	4546									
076206		CLCK	REQUEST @ SERVICER	T1=20615	369872.0771729	5363									
063150		CLCK	REQUEST @ RADAREAD	T1=20621	369872.0814870	9130									
006071		CLCK	REQUEST @ MUNGRAV	T1=20627	369872.0876821	4416									
006071		CLCK	REQUEST @ MUNGRAV	T1=20641	369872.0973113	2633									
DISPLAYS =	65	16	60	+0015	-0129	+00165									369872.00043
006071		CLCK	REQUEST @ MUNGRAV	T1=20663	369872.105525	8199									
063107		CLCK	REQUEST @ LRVEL	T1=20710	369873.0361496	5775									
063150		CLCK	REQUEST @ RADAREAD	T1=20721	369873.0454851	3741									
101757		CLCK	REQUEST @ RCGIMS	T1=20730	369873.0521155	9399									
063150		CLCK	REQUEST @ RADAREAD	T1=20733	369873.058951	2675									
063150		CLCK	REQUEST @ RADAREAD	T1=20745	369873.0664862	819									
063150		CLCK	REQUEST @ RADAREAD	T1=20757	369873.0747169	9570									

073531	CLOCK REQUEST @ VERTGUID	T1=20761	SECONDS RUNNING	369873.770780	1771
063150	CLOCK REQUEST @ RADAREAD	T1=20771	SECONDS RUNNING	369873.855111	7897
072216	CLOCK REQUEST @ THRCTTLE	T1=20773	SECONDS RUNNING	369873.876794	9747
006071	CLOCK REQUEST @ FINDCDUW	T1=20774	SECONDS RUNNING	369873.887625	0772
073476	CLOCK REQUEST @ ENDLLJCR	T1=21032	SECONDS RUNNING	369874.183381	5919
063073	CLOCK REQUEST @ LRALT	T1=21117	SECONDS RUNNING	369874.718211	1548

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PPATF	ATT-X	DPX	DCX	THEUST	DPS	APOLU		
LANDING	(STABLE MEMBER METRIC UNITS)	COORDS)	FCRVFL	ALTRATE	LCNG	PITCH	BALL-P	CDUY	QRATE	ATT-Y	DPY	DCY	DELTA	DPS	PERILU		
					ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPZ	DCZ	MASS	APS			
369874.7	1736178	-	9.9	1.62	-	1.0	0.80	0.13	356.85	2.84	0.00	1.09	326	0	2702	526.3	0.01
102:44:35	366	-	1.4	0.00	0.7	23.70	88.63	1.32	1.02	-	0.19	1	6.1	1174	-936.76		
LANDING	456	-	4.4	0.01	3.0	69	-171.59	357.14	0.14	-	0.04	0.17	2		166.65	51.89	

107441	CLOCK REQUEST @ READACCS	T1=21124	SECONDS RUNNING	369874.761154	5213
076206	CLOCK REQUEST @ SFRVILER	T1=21125	SECONDS RUNNING	369874.777209	6331
063150	CLOCK REQUEST @ RADAREAD	T1=21131	SECONDS RUNNING	369874.814873	9797
006071	CLOCK REQUEST @ MUNGRAV	T1=21140	SECONDS RUNNING	369874.881557	5487
006071	CLOCK REQUEST @ MUNGRAV	T1=21151	SECONDS RUNNING	369874.973311	3317

DISPLAYS = 65 176 67 +1103 -00028 +00059 369875.100017

006071	CLOCK REQUEST @ MUNGRAV	T1=21173	SECONDS RUNNING	369875.159946	9243
063107	CLOCK REQUEST @ LRVFL	T1=21220	SECONDS RUNNING	369875.366519	6871
063150	CLOCK REQUEST @ RADAREAD	T1=21233	SECONDS RUNNING	369875.471204	5804
101757	CLOCK REQUEST @ RDGIMS	T1=21241	SECONDS RUNNING	369875.531227	926
063150	CLOCK REQUEST @ RADAREAD	T1=21244	SECONDS RUNNING	369875.564878	3797
063150	CLOCK REQUEST @ RADAREAD	T1=21256	SECONDS RUNNING	369875.664871	2330
063150	CLOCK REQUEST @ RADAREAD	T1=21270	SECONDS RUNNING	369875.764877	964
073531	CLOCK REQUEST @ VERTGUID	T1=21271	SECONDS RUNNING	369875.773420	1593
063150	CLOCK REQUEST @ RADAREAD	T1=21302	SECONDS RUNNING	369875.864882	9397

072216	CLCK	REQUEST @ THROTTLE	T1=21304	SECONDS	RUNNING	369875.823194	063
006071	CLCK	REQUEST @ FINDCDUW	T1=21305	SECONDS	RUNNING	369875.892776	1773
LMY99	AGC	001 NASA 2121112-01 NEW SIMULATION	MARSROT 21414415 /EYLF5	LBPADAR2.ENVNTRFL	17/21/69	14:43	PAGE 420
				/DUPLICATE LANDING		LAST SNAP	369850

073476	CLCK	REQUEST @ ENDLLJCB	T1=21342	SECONDS	RUNNING	369876.184311	6555
063073	CLCK	REQUEST @ LRLAT	T1=21427	SECONDS	RUNNING	369876.718211	2215

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LA	VEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	CGY	THRUST	PCS	APOLU		
LANDING	(STABLE MEMBER METRIC UNITS)	(COORDS)	FORVEL	ALTRATE	LCNG	PITCH	BALL-P	CDUY	QRATE	ATT-Y	DPPY	CGY	DELTA V	UPS	PERILU			
					ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	CGZ	MASS	APS				
369876.7	1736076	-	0.9	1.62	-	1.01	0.87	0.15	359.84	2.86	0.11	1.09	327	0	2797	524.3	1.01	
102:44:37	3661	-	0.4	1.00	-	0.6	23.70	88.71	1.24	1.25	0.11	0.21	0	0	614	1155	-936.76	
LANDING	448	-	4.4	1.00	-	3.0	63	-171.55	357.13	-	0.16	0.02	0.00	-	2	0	16846	5189

107441	CLCK	REQUEST @ REAPACCS	T1=21434	SECONDS	RUNNING	369876.761154	5879
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076206	CLCK	REQUEST @ SERVICER	T1=21435	SECONDS	RUNNING	369876.771729	6696
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063150	CLCK	REQUEST @ RADAREAD	T1=21441	SECONDS	RUNNING	369876.814926	0468
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006071	CLCK	REQUEST @ MUNGRAV	T1=21447	SECONDS	RUNNING	369876.979823	6106
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006071	CLCK	REQUEST @ MUNGRAV	T1=21461	SECONDS	RUNNING	369876.974725	414
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DISPLAYS = 65 16 61 41003 -0028 +0053 369877.000015

006071	CLCK	REQUEST @ MUNGRAV	T1=21514	SECONDS	RUNNING	369877.161453	0139
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063107	CLCK	REQUEST @ LRVEL	T1=21530	SECONDS	RUNNING	369877.366033	7496
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063150	CLCK	REQUEST @ RADAREAD	T1=21542	SECONDS	RUNNING	369877.46979	6351
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101757	CLCK	REQUEST @ RCGIMS	T1=21551	SECONDS	RUNNING	369877.521175	1582
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063150	CLCK	REQUEST @ RADAREAD	T1=21554	SECONDS	RUNNING	369877.564878	4454
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063150	CLCK	REQUEST @ RADAREAD	T1=21566	SECONDS	RUNNING	369877.66487	2955
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063150	CLCK	REQUEST @ RADAREAD	T1=21610	SECONDS	RUNNING	369877.764875	1531
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073531	CLCK	REQUEST @ VERTGULC	T1=21611	SECONDS	RUNNING	369877.775263	2417
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063150	CLCK	REQUEST @ RADAREAD	T1=21612	SECONDS	RUNNING	369877.84488	0064
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072216	CLCK	REQUEST @ THROTTLE	T1=21614	SECONDS	RUNNING	369877.892556	1571
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006071	CLCK	REQUEST @ FINDCDUW	T1=21615	SECONDS	RUNNING	369877.892776	2384
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073476	CLCK	REQUEST @ ENDLLJCB	T1=21652	SECONDS	RUNNING	369877.183374	7243
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063073	CLCK	REQUEST @ LRLAT	T1=21737	SECONDS	RUNNING	369879.719262	2973
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369878.7	1736074	-	0.9	1.62	-	1.01	0.87	0.14	359.84	2.86	0.11	1.09	327	0	2797	524.3	1.01
102:44:35	3661	-	0.4	1.00	-	0.6	23.70	88.86	1.24	1.25	0.11	0.21	0	0	614	1136	-936.76

LMY99	AGC	001 NASA 2121112-061 NEW SIMULATION	MARSROT 21414415 /EYLF5	LBPADAR2.ENVNTRFL	17/21/69	14:43	PAGE 421
				/DUPLICATE LANDING		LAST SNAP	369850

LANDING	440 -	4.4 -	0.00 -	3.00	56 -171.50	357.11 -	0.12 -	0.13	0.00 -	1	16027	5189
107441	CLCCK	REQUEST	@	READACCS	T1=21744	SECONDS	RUNNING	369879.761154	6546			
076206	CLCCK	REQUEST	@	SERVICER	T1=21745	SECONDS	RUNNING	369879.770720	7363			
063150	CLCCK	REQUEST	@	RADAREAD	T1=21751	SECONDS	RUNNING	369879.814873	1130			
006071	CLCCK	REQUEST	@	MUNGRAV	T1=21757	SECONDS	RUNNING	369879.877648	6487			
006071	CLCCK	REQUEST	@	MUNGRAV	T1=21771	SECONDS	RUNNING	369879.974989	4793			
DISPLAYS =	65	16	60	+1002	-10028	+10047		369879.000004				
006071	CLCCK	REQUEST	@	MUNGRAV	T1=22013	SECONDS	RUNNING	369879.156692	299			
063107	CLCCK	REQUEST	@	LRVEL	T1=22040	SECONDS	RUNNING	369879.363621	7957			
063150	CLCCK	REQUEST	@	RADAREAD	T1=22051	SECONDS	RUNNING	369879.454864	5743			
101757	CLCCK	REQUEST	@	RCGIMS	T1=22061	SECONDS	RUNNING	369879.531119	2256			
063150	CLCCK	REQUEST	@	RADAREAD	T1=22063	SECONDS	RUNNING	369879.554897	4279			
063150	CLCCK	REQUEST	@	RADAREAD	T1=22075	SECONDS	RUNNING	369879.654903	2813			
063150	CLCCK	REQUEST	@	RADAREAD	T1=22077	SECONDS	RUNNING	369879.757095	1532			
073531	CLCCK	REQUEST	@	VERTGUID	T1=22110	SECONDS	RUNNING	369879.767067	2384			
063150	CLCCK	REQUEST	@	RADAREAD	T1=22121	SECONDS	RUNNING	369879.854900	9879			
072216	CLCCK	REQUEST	@	THROTTLE	T1=22123	SECONDS	RUNNING	369879.873149	1441			
006071	CLCCK	REQUEST	@	FINDCCDU	T1=22124	SECONDS	RUNNING	369879.884042	2366			
073476	CLCCK	REQUEST	@	ENDLLJCB	T1=22161	SECONDS	RUNNING	369879.178945	7531			
063073	CLCCK	REQUEST	@	LRALT	T1=22247	SECONDS	RUNNING	369879.178211	3543			

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	yAW	BALL-P	CDUX	PRATE	ATT-X	DPPX	DCY	THRUST	RCS	APOLU			
LANDING	(STABLE MEMBER METRIC UNITS)	COORDS)	FCRVEL	LATVEL	LCNG	PITCH	BALL-P	CDUY	QRATE	ATT-Y	DPPY	DCY	DELTA V	DPS	PERILU			
			ALTRATE	ALT	ROLL	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	DCZ	MASS	APS				
369880.7	1736072	-	0.9	1.63	-	1.1	1.81	0.14	359.88	2.88	-	0.04	1.00	327	0	279.4	52.03	1.50
102:44:41	3661	-	4.4	1.00	-	0.5	23.70	88.99	1.96	-	0.22	-	0.21	0	0	60.22	1117	-036.76
LANDING	432	-	4.4	1.00	-	3.0	51	-171.48	357.10	-	0.12	-	0.13	0.00	0	168.9	5189	

TIME	AGC	DESCRIPTION	T1	STATUS	TIME	PAGE
107441		CLOCK REQUEST @ READACCS	T1=22254	SECONDS RUNNING	369881.761154	7213
076206		CLOCK REQUEST @ SERVICER	T1=22255	SECONDS RUNNING	369881.0771729	8013
LMY99	AGC	01 NASA 2J21112-061 NEW SIMULATION	MARSHOT 20414415 /EYLES	LPRADAR2.ENVONTPL 07/27/69	14:42	PAGE 422
				/DUPLICATE LANDING	LAST SNAP	369850
063150		CLOCK REQUEST @ RADAREAD	T1=22261	SECONDS RUNNING	369881.814473	1797
006071		CLOCK REQUEST @ MUNGRAV	T1=22271	SECONDS RUNNING	369881.0881198	7448
006071		CLOCK REQUEST @ MUNGRAV	T1=22301	SECONDS RUNNING	369881.0973521	5335
DISPLAYS =	65	16	61	+0000 -0028 +0041		369881.000017
006071		CLOCK REQUEST @ MUNGRAV	T1=22323	SECONDS RUNNING	369881.158711	1137
063107		CLOCK REQUEST @ LRVFL	T1=22350	SECONDS RUNNING	369881.366297	8852
063150		CLOCK REQUEST @ RADAREAD	T1=22363	SECONDS RUNNING	369881.6470880	7776
101757		CLOCK REQUEST @ RDCIMS	T1=22371	SECONDS RUNNING	369881.522947	3172
063150		CLOCK REQUEST @ RADAREAD	T1=22374	SECONDS RUNNING	369881.564853	5795
063150		CLOCK REQUEST @ RADAREAD	T1=22406	SECONDS RUNNING	369881.0664359	4329
063150		CLOCK REQUEST @ RADAREAD	T1=22421	SECONDS RUNNING	369881.0764865	2863
073531		CLOCK REQUEST @ VERTGUID	T1=22421	SECONDS RUNNING	369881.769194	3232
063150		CLOCK REQUEST @ RADAREAD	T1=22432	SECONDS RUNNING	369881.864897	1399
072216		CLOCK REQUEST @ THROTTLE	T1=22433	SECONDS RUNNING	369881.0877431	2512
006071		CLOCK REQUEST @ FINDCDUW	T1=22434	SECONDS RUNNING	369881.0888662	3427
073476		CLOCK REQUEST @ ENLLJCB	T1=22471	SECONDS RUNNING	369882.1788661	8173
063073		CLOCK REQUEST @ LRALT	T1=22557	SECONDS RUNNING	369882.0718211	4215

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, ET, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	DGY	THFTV	PCS	APOLU		
LANDING	(STABLE MEMBER METRIC)	COORDS	UNITS	ECRVEL	LONG	PITCH	CALL-P	CDUY	RRATE	ATT-Y	DPPY	DGY	DELTA V	DPS	PERILU		
				ALTRATE	ALT	ROLL	BALL-Y	CDUZ		ATT-Z	DPPZ	FGZ	MASS	APS			
369882.7	1736171	-	1.9	1.63	-	1.1	1.8	0.24	350.77	2.011	0.04	0.98	228	0	2789	526.3	0.011
102:44:43	3661	-	1.4	1.00	-	1.5	23.71	88.97	1.97	1.98	0.12	0.21	1	1	6.26	1.09	-936.76
LANDING	425	-	4.4	0.00	-	3.1	44	-171.51	57.13	0.21	0.30	0.00	1679	51.84			

107441		CLOCK REQUEST @ READACCS	T1=22564	SECONDS RUNNING	369882.0761154	7879
076206		CLOCK REQUEST @ SERVICER	T1=22565	SECONDS RUNNING	369882.0771729	8013
063150		CLOCK REQUEST @ RADAREAD	T1=22571	SECONDS RUNNING	369882.081486	7462
006071		CLOCK REQUEST @ MUNGRAV	T1=22577	SECONDS RUNNING	369882.0879025	8026
006071		CLOCK REQUEST @ MUNGRAV	T1=22611	SECONDS RUNNING	369882.0974721	8171
DISPLAYS =	65	6	61	+0002 -0029 +0035		369882.00003
LMY99	AGC	01 NASA 2J21112-061 NEW SIMULATION	MARSHOT 20414415 /EYLES	LPRADAR2.ENVONTPL 07/27/69	14:43	PAGE 423
				/DUPLICATE LANDING	LAST SNAP	369850

LMY99 AGC 01 NASA 2421112-061 NEW SIMULATION MARKSCT 2414415 /EYLE5 LRRADAR 2. ENVGNTL 7/27/67 14:43 PAGE 423  
/DUPLICATE LANDING LAST SNAP 369850

006071	CLCCK REQUEST @ MUNGRAV	T1=22634	SECONDS RUNNING	369893.161349	2029
063107	CLCCK REQUEST @ LRVEL	T1=22667	SECONDS RUNNING	369893.766939	9573
063150	CLCCK REQUEST @ RADAREAD	T1=22672	SECONDS RUNNING	369893.049726	8344
101757	CLCCK REQUEST @ RDCIMS	T1=22701	SECONDS RUNNING	369893.531216	3591
063150	CLCCK REQUEST @ RADAREAD	T1=22704	SECONDS RUNNING	369893.564953	6462
063150	CLCCK REQUEST @ RADAREAD	T1=22716	SECONDS RUNNING	369893.664862	4996
063150	CLCCK REQUEST @ RADAREAD	T1=22730	SECONDS RUNNING	369893.764391	2532
073531	CLCCK REQUEST @ VERTGUID	T1=22731	SECONDS RUNNING	369893.776381	4512
063150	CLCCK REQUEST @ RADAREAD	T1=22742	SECONDS RUNNING	369893.864870	2063
072216	CLCCK REQUEST @ THROTTLE	T1=22744	SECONDS RUNNING	369893.883826	2491
006071	CLCCK REQUEST @ FINCCUW	T1=22745	SECONDS RUNNING	369893.893391	4497
073476	CLCCK REQUEST @ ENDLJCB	T1=22752	SECONDS RUNNING	369894.185047	9385
063073	CLCCK REQUEST @ LRLAT	T1=22767	SECONDS RUNNING	369894.719711	511

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME LANDING	R (STABLE MEMBER COORDS)	V METRIC UNITS	A COORDS	LATVEL FORVEL ALTRATE	LAT LONG ALT	YAW PITCH ROLL	BALL-R BALL-P BALL-Y	CDUX CDUY CDUZ	PRATE PRATE RRATE	ATT-X ATT-Y ATT-Z	PPPX DPPY DPPZ	DCX DCY DCZ	THRUST DELTA V MASS	RCS DPS APS	APOLU PERILU		
369894.7 102:44:45 LANDING	1736068	-	0.9	1.02	-	1.1	0.80	0.15	359.85	2.71	-	0.04	0.98	327	2775	526.3	0.00
	3661	-	0.4	1.00	-	1.5	23.70	88.88	1.47	1.07	0.04	0.21	6.2	1.90	-936.76		
	417	-	4.4	1.00	-	2.0	38	-171.53	357.28	-	0.14	0.02	16771	5189			

107441	CLCCK REQUEST @ READACCS	T1=23174	SECONDS RUNNING	369894.761154	8546
076206	CLCCK REQUEST @ SERVICER	T1=23175	SECONDS RUNNING	369894.771729	9363
063150	CLCCK REQUEST @ RADAREAD	T1=23101	SECONDS RUNNING	369894.814873	313
006071	CLCCK REQUEST @ MUNGRAV	T1=23107	SECONDS RUNNING	369894.876742	841
006071	CLCCK REQUEST @ MUNGRAV	T1=23121	SECONDS RUNNING	369894.973573	6672

DISPLAYS = 65 06 60 40 02 -00028 +00029 369895.000004

006071	CLCCK REQUEST @ MUNGRAV	T1=23143	SECONDS RUNNING	369895.155918	7233
063107	CLCCK REQUEST @ LRVEL	T1=23170	SECONDS RUNNING	369895.361862	9816
063150	CLCCK REQUEST @ RADAREAD	T1=23201	SECONDS RUNNING	369895.454941	7740

LMY99	AGC	001	NASA 2021112-01	NEW SIMULATION	MARSROT 20414415 /FYLES	LRPADAR20 ENVNTEFL 7/27/69 14:43	PAGE 424
						/DUPLICATE LANDING LAST SNAP	369850
063150	CLCCK	REQUEST	@	RADAREAD	T1=23213	SECONDS RUNNING	369850554396 6279
063150	CLCCK	REQUEST	@	RADAREAD	T1=23225	SECONDS RUNNING	36985064980 4819
063150	CLCCK	REQUEST	@	RADAREAD	T1=23237	SECONDS RUNNING	369850757152 3538
073531	CLCCK	REQUEST	@	VERTGUID	T1=23240	SECONDS RUNNING	369850766425 4229
063150	CLCCK	REQUEST	@	RADAREAD	T1=23251	SECONDS RUNNING	369850854946 1882
072216	CLCCK	REQUEST	@	THROTTLE	T1=23253	SECONDS RUNNING	369850872281 3362
006071	CLCCK	REQUEST	@	EINDCDUW	T1=23254	SECONDS RUNNING	369850883108 4235
073476	CLCCK	REQUEST	@	ENDLLJOB	T1=23311	SECONDS RUNNING	369860177188 9381
063173	CLCCK	REQUEST	@	LRAIT	T1=23277	SECONDS RUNNING	369860718211 5549

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATF	ATT-X	DPPX	DGX	THRUST	RCS	APOLU
LANDING	(STABLE MEMBER	COURDS)	ECRVEL	LAT	YAW	BALL-R	CDUX	PRATF	ATT-X	DPPX	DGX	THRUST	RCS	APOLU	
LANDING	METRIC	UNITS	ALTRATE	LENG	PITCH	BALL-P	CDUY	ORATE	ATT-Y	DPPY	DGY	DELTA V	DPS	PERILU	
LANDING				ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	DGZ	MASS	APS		
369886.7	1736066	-0.9	1.62	-1.1	0.80	1.1	359.89	2.62	-1.04	0.87	326	2771	526.3	10.00	
102:44:47	3661	-0.4	0.00	1.4	23.70	88.79	1.16	1.16	0.13	0.11	1	5.5	1.62	-936.76	
LANDING	409	-4.4	0.00	3.0	32	-171.60	357.37	0.10	-0.12	0.10	1	16750	5189		

107441	CLCCK	REQUEST	@	READACCS	T1=23414	SECONDS RUNNING	369860761154 9213							
076206	CLCCK	REQUEST	@	SERVICER	T1=23405	SECONDS RUNNING	369860771729 1023							
063150	CLCCK	REQUEST	@	RADAREAD	T1=23411	SECONDS RUNNING	369860814860 3705							
006071	CLCCK	REQUEST	@	MUNGRAV	T1=23417	SECONDS RUNNING	369860878999 9269							
006071	CLCCK	REQUEST	@	MUNGRAV	T1=23431	SECONDS RUNNING	369860972261 7227							
DISPLAYS =	65	06	60		+0002	-00028	+00023							36987010003
006071	CLCCK	REQUEST	@	MUNGRAV	T1=23453	SECONDS RUNNING	369870168331 3175							
063107	CLCCK	REQUEST	@	LKVEL	T1=23510	SECONDS RUNNING	369870364735 0718							
063150	CLCCK	REQUEST	@	RADAREAD	T1=23513	SECONDS RUNNING	369870471233 9876							
101757	CLCCK	REQUEST	@	R0GIMS	T1=23521	SECONDS RUNNING	369870501212 4923							
063150	CLCCK	REQUEST	@	RADAREAD	T1=23524	SECONDS RUNNING	369870564865 7796							
063150	CLCCK	REQUEST	@	RADAREAD	T1=23536	SECONDS RUNNING	369870664871 633							
073531	CLCCK	REQUEST	@	VERTGUID	T1=23551	SECONDS RUNNING	369870762577 4067							
063150	CLCCK	REQUEST	@	PALAREAD	T1=23550	SECONDS RUNNING	369870764911 6540							



LMY99 AGC 001 NASA 2021112-007 NEW SIMULATION MARSDOT 2-414415 /EYLES ERPADAF 3. FIVE CENTEL 1771276- 1-145 PACE 425  
/DUPLICATE LANDING LAST SNAP 369850

072216	CLCK REQUEST @ THROTTLE	T1=23562	SECONDS RUNNING	369887.862921	3298
063150	CLCK REQUEST @ RADAREAD	T1=23562	SECONDS RUNNING	369887.864907	3400
006071	CLCK REQUEST @ FINDCDUW	T1=23564	SECONDS RUNNING	369887.883728	5016
073476	CLCK REQUEST @ ENDLJOB	T1=23621	SECONDS RUNNING	369888.173858	9763
063073	CLCK REQUEST @ LRALT	T1=23717	SECONDS RUNNING	369888.719216	6215

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	DGX	THRU ST	FCS	APDU
LANDING	(STABLE MEMBER COORDS)			FORVEL	LONG	PITCH	BALL-P	CDUY	QRATE	ATT-Y	DPPY	DGY	DELTAV	DPS	REFILU
	METRIC UNITS			ΔLRATE	ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DRPZ	DGZ	MASS	APS	
369888.7	1736765 -	0.9	1.62	-	1.0										
102:44:49	3662 -	0.4	0.0		23.71	88.81	1.13	1.14 -	0.06 -	0.17			2774	520.3	4027 1.23 -936.76
LANDING	401 -	4.4 -	0.00 -	3.1	26	-171.67	357.46 -	0.18 -	0.00	0.00			14734	5180	

107441	CLCK REQUEST @ PEADACCS	T1=22714	SECONDS RUNNING	369888.761154	2879
076206	CLCK REQUEST @ SERVICER	T1=23715	SECONDS RUNNING	369888.779720	3696
063150	CLCK REQUEST @ RADAREAD	T1=23721	SECONDS RUNNING	369888.814900	4466
006071	CLCK REQUEST @ MUNGRAV	T1=23727	SECONDS RUNNING	369888.879327	9963
006071	CLCK REQUEST @ MUNGRAV	T1=23741	SECONDS RUNNING	369888.974110	2052

DISPLAYS = 05 06 A+ +10002 -10028 +10016 369888.100004

006071	CLCK REQUEST @ MUNGRAV	T1=23743	SECONDS RUNNING	369889.150684	3887
063107	CLCK REQUEST @ LRVEL	T1=24010	SECONDS RUNNING	369889.365523	1452
063150	CLCK REQUEST @ RADAREAD	T1=24122	SECONDS RUNNING	369889.469765	3347
101757	CLCK REQUEST @ RCGIMS	T1=24131	SECONDS RUNNING	369889.531176	5588
063150	CLCK REQUEST @ RADAREAD	T1=24034	SECONDS RUNNING	369889.565588	9524
063150	CLCK REQUEST @ RADAREAD	T1=24046	SECONDS RUNNING	369889.664859	6955
063150	CLCK REQUEST @ RADAREAD	T1=24060	SECONDS RUNNING	369889.764904	5533
073531	CLCK REQUEST @ VERTGUID	T1=24061	SECONDS RUNNING	369889.770663	6024
063150	CLCK REQUEST @ RADAREAD	T1=24072	SECONDS RUNNING	369889.864871	4063
073214	CLCK REQUEST @ THROTTLE	T1=24073	SECONDS RUNNING	369889.872500	4201

006071      CLOCK REQUEST & FINDCPU

T1=24.74

SECONDS RUNNING

36909.888171

6043

ASTRNALT PERFORMS ACTION 6001661171 AT TIME 369889.9652

LEM ENGINE STOP BUTTON HAS BEEN PUSHED TIME = 36989.9652519265  
 TRIM GIMBAL : ABOUT Y AXIS WAS ON, ABOUT Z AXIS WAS OFF  
 AUTOMATIC THRUSTLE WAS OFF. (1= ON, 0= OFF).

LEM: T, DT, MASS(KG), ROLL, PITCH, YAW(DFG) / DV(M/SEC), ANGV( DEG/SEC) / A(M/SEC <sup>2</sup> ), ANGA(DFG/SEC <sup>2</sup> )
3.65885965251 75 J.0) 7.58573441365 03 -1.71692411473 02 8.89022879266 01 1.9621241 518 -01
-5.45483507483 02 1.61402310448 03 6.95361343923 02 -4.4411187792 02 -6.6271657465 -2 1.33143832654 -2
1.62675060404 00 7.1331887404 -03 2.64592117975 -02 -7.941753956 4 -16 -1.89787945505 -12 -1.38686196118 -13
ROTATION OF ENGINE BELL ABOUT VEHICLE AUTOCOUNTER THRUST/1050 LBS SPECIFIC IMPULSE (SFC)
Y AXIS (DEG) Z AXIS COUNTER
-9.04025071473 -01 2.4974972882 -01 0.0 2.643 898813 -01 2.98848465141 02

073476 CLCCK REQUEST @ ENDLJCB T1=24131 SECONDS RUNNING 36989.176828 6983

\*\*\*\*\*  
 ENGINE MUST BE ARMED FOR TRIM GIMBAL OPERATION  
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 ENGINE MUST BE ARMED FOR TRIM GIMBAL OPERATION  
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 ENGINE MUST BE ARMED FOR TRIM GIMBAL OPERATION  
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 ENGINE MUST BE ARMED FOR TRIM GIMBAL OPERATION  
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\*\*\*\*\*  
 LEM: DESCENT ENGINE THRUST HAS BEEN TURNED OFF. (1=OFF,1=ON) TIME = 36989.543 SECONDS  
 \*\*\*\*\*

063073 CLCCK REQUEST @ LRLAT T1=24217 SECONDS RUNNING 36989.719271 6966

\*\*\*\*\*  
 ENGINE MUST BE ARMED FOR TRIM GIMBAL OPERATION  
 \*\*\*\*\*

\*\*\*\*\*  
 ENGINE MUST BE ARMED FOR TRIM GIMBAL OPERATION  
 \*\*\*\*\*

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	PALL-R	CDUX	PRATE	ATT-X	DPPX	DCX	THRUST	WCS	APOLU
LANDING	(STABLE MEMPHS	COORDS)		FORVEL	LONG	PITCH	BALL-P	CDUY	CPATE	ATT-Y	DPPY	DCY	DELTA V	DPS	PER TLU
	METRIC UNITS			ALT/PATE	ALT	ROLL	BALL-Y	CDUZ	PRATE	ATT-Z	DPPZ	DCZ	MASS	APS	
369890.7	1736763	-	1.05	-7.011	-	1.02	0.81	1.19	350.82	2.44	-1.14	0.45	262	0	537.92
102:44:51	3602	-	1.04	1.11	1.04	23.77	88.96	0.90	0.95	-0.17	-0.21	1	0	6040	1.28 -934.76
LANDING	392	-	4.05	-3.00	-	5.02	1.0	-171.71	357.55	-0.17	0.11	0.11	1	0	16732 5189

107441 CLOCK REQUEST d READACCS T1=24224 SECONDS RUNNING 369900.761151 546

ASTRONAUT PERFORMS ACTION 6100660171 AT TIME 369890.7652

LEM : FINAL CONDITIONS T = 369890.765274 PRELUNCH WILL NOW BE IN CONTROL  
 DPS PROPELLANT USED / TOTAL USABLE DPS PROPELLANT = .942719 RCS PROPELLANT USED / TOTAL USABLE RCS PROPELLANT = .1115425  
 \*\*\*\*\*

LEM: T, DT, MASS(KG), ROLL, PITCH, YAW(DEC) / DV(M/SEC), ANGV(DEC/SEC) / A(M/SEC<sup>2</sup>), ANGA(DEC/SEC<sup>2</sup>)  
 3.69890765274 05 1.0 7.58412148661 03 -1.71715388326 02 0.89613675914 1 1.00071295459 -11  
 -5.48978822235 12 1.061439701866 03 6.95519323338 02 -4.44104145687 -12 -7.38279786963 -2 1.02771215229 -12  
 -4.37471983797 -16 1.072921906124 -16 -3.0216615367 -6 7.05517196994 -06 -4.725936687 1 -06 -3.1375720019 -116  
 ROTATION OF ENGINE BELL ABOUT VEHICLE AUTO THRUSTLE THRUST(1050) LBS SPECIFIC IMPULSE  
 Y AXIS (DEG) Z AXIS CCLNTER (SEC)  
 -9.04029071473 -11 2.49749772882 -11 0.0 0.0 0.99999999999 10

LEM RCS JET 1 IS NOW	0	NFIRE = 7	TRCON = 1.0344135	FUFL = 0.225470	FUEL (ALL JETS) = 4.042814 (KG)
LEM RCS JET 2 IS NOW	0	NFIRE = 15	TRCON = 1.0351508	FUEL = 0.232124	FUEL (ALL JETS) = 4.044734 (KG)
LEM RCS JET 3 IS NOW	0	NFIRE = 11	TRCON = 0.6658109	FUEL = 0.115529	FUEL (ALL JETS) = 4.044284 (KG)
LEM RCS JET 4 IS NOW	0	NFIRE = 4	TRCON = 0.251305	FUEL = 0.143986	FUEL (ALL JETS) = 4.044214 (KG)
LEM RCS JET 5 IS NOW	0	NFIRE = 9	TRCON = 1.028982	FUEL = 0.175082	FUEL (ALL JETS) = 4.044284 (KG)
LEM RCS JET 6 IS NOW	0	NFIRE = 8	TRCON = 0.125974	FUEL = 1.487512	FUEL (ALL JETS) = 4.044284 (KG)
LEM RCS JET 7 IS NOW	0	NFIRE = 17	TRCON = 0.622748	FUEL = 0.179659	FUEL (ALL JETS) = 4.044284 (KG)
LEM RCS JET 8 IS NOW	0	NFIRE = 5	TRCON = 0.242589	FUEL = 0.743202	FUEL (ALL JETS) = 4.044284 (KG)
LEM RCS JET 9 IS NOW	0	NFIRE = 9	TRCON = 1.026272	FUEL = 0.214045	FUEL (ALL JETS) = 4.044284 (KG)
LEM RCS JET 10 IS NOW	0	NFIRE = 8	TRCON = 1.0356993	FUEL = 0.228262	FUEL (ALL JETS) = 4.044284 (KG)
LEM RCS JET 11 IS NOW	0	NFIRE = 11	TRCON = 0.658109	FUEL = 0.115529	FUEL (ALL JETS) = 4.044284 (KG)
LEM RCS JET 12 IS NOW	0	NFIRE = 4	TRCON = 0.251305	FUEL = 0.143986	FUEL (ALL JETS) = 4.044284 (KG)
LEM RCS JET 13 IS NOW	0	NFIRE = 7	TRCON = 1.029139	FUEL = 0.173747	FUEL (ALL JETS) = 4.044284 (KG)
LEM RCS JET 14 IS NOW	0	NFIRE = 6	TRCON = 0.998579	FUEL = 1.487513	FUEL (ALL JETS) = 4.044284 (KG)
LEM RCS JET 15 IS NOW	0	NFIRE = 17	TRCON = 0.622748	FUEL = 0.179659	FUEL (ALL JETS) = 4.044284 (KG)
LEM RCS JET 16 IS NOW	0	NFIRE = 5	TRCON = 0.242389	FUEL = 0.743202	FUEL (ALL JETS) = 4.044284 (KG)

LMY99 AGC 001 NASA 2021112-061 NEW SIMULATION MARSPOT 2 414415 /EYLES LRFADAP2, ENVCNTRL 777779 14:43 PAGE 428  
 /DUPLICATE LANDING LAST SNAP 369850

ASTRAUT SUBPROGRAM 71 ENDS AT TIME 369890.7652

ASTRAUT PERFORMS ACTION 6 (6) 057 AT TIME 369890.7652

ENVCNTRL. DYNAMIC CONFIGURATION CHANGED FROM 3 TO 1 AT T = 369890.76 SEC. (WHERE 1=PRELUNCH, 2=SATURN, 3=VEHICLE, 4=LVC)

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LPS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PKATF	ATT-X	DPPX	DGX	THRUST	RCS	APDUU
LANDING	(STABLE	MEMBER	COORDS)	FCRVEL	LCNG	PITCH	BALL-P	CDUY	OPATE	ATT-Y	DPPY	DGY	DELTA	DPS	PERILU
	METRIC	UNITS		ALTRATE	ALT	POLL	BALL-Y	CDUZ	PRATE	ATT-Z	DPPZ	DCZ	MASS	APS	
369890.7	1736063	-	1.5 - 0.00 -	1.2	0.80	0.19	359.82	2.44	- 0.04	0.65	0	0		526.3	0.00
102:44:51	3662	-	0.4 0.00	0.4	23.70	88.96	0.90	0.00	- 0.07	- 0.21	0	0	614	1.20	-936.76
LANDING	392	-	4.5 - 0.00 -	5.2	1.0	-171.71	257.55	- 0.17	0.01	0.00	0	0	16710	51.85	

-----  
LUNAR TOUCHDOWN STATE  
-----

SELENGRAPHIC COORDINATES OF THE LANDING SITE.

LAT = ( 0.80625 DEG LONG = 23.71220 DEG ALT = 660.9275 METERS

ALT: THE DISTANCE OF THE NAV BASE ABOVE THE LUNAR  
REF SPHERE OF RADIUS 17254 METERS. NAV BASE  
IS 6 METERS ABOVE PLANE OF LANDING PADS.

MCCN FIXED COORDINATES OF THE LANDING SITE.

( 1589467.255, 697800.446, 24428.641) METERS

POSITION VECTOR (REFERENCE COORDINATES)

( 1354924.825, 993712.473, 425088.772) METERS

VELOCITY VECTOR (REFERENCE COORDINATES)

(- 4.068, 2.488, 0.581) METERS/SEC.

NAV BASE ANGULAR VELOCITY (VEF. COORDS.) NET ATTITUDE RATE

(- 0.04441, - 0.07382, 0.01276) 0.08719 DEGR./SEC.

NET ATTITUDE RATE MUST BE LESS THAN 2 DEGR./SEC.  
SEE OPERATIONAL LIMITATIONS IN THE UMDB.

VERTICAL VELOCITY HORIZONTAL VELOCITY (RELATIVE TO MCCN)

- 5.251273 1.281376 FT./SEC.

LUNAR LANDING MUST TAKE PLACE WITHIN THE VELOCITY  
ENVELOPE GIVEN IN THE OPERATIONAL LIMITATIONS  
SECTION OF THE UNIV. MISSION MODULAR DATA BOOK

ANGLE BETWEEN LEM X AXIS AND LOCAL VERTICAL

1.05277 DEGR.

THIS ANGLE MUST BE LESS THAN 6 DEGR. FS. SEE  
OPERATIONAL LIMITATIONS SECTION OF THE UNIV.  
MISSION MODULAR DATA BOOK.

NAV BASE ACCELERATION (REF. COORDS.) ABVAL (NAV BASE ACCELERATION)

(- 1.26975, - 0.93605, - 0.39848) 1.62714 METERS/SEC SQ.

076206 CLOCK REQUEST @ SERVICER

T1=24225

SECONDS RUNNING

34.990.771706

1361

063150 CLOCK REQUEST @ RADAREAD

T1=24231

SECONDS RUNNING

34.990.814887

5131

176206	CLCKC REQUEST @ SERVICER	T1=24225	SECONDS RUNNING	369891.770706	1361
063150	CLCKC REQUEST @ RADAREAD	T1=24231	SECONDS RUNNING	369891.814887	5131

LMY99 AGC QUI NASA 2021112-161 NEW SIMULATION MARSROT 20414415 /EYLES LPRADAR2, ENVCONTEL #7722/49 14:43 PAGE 439  
/DUPLICATE LANDING LAST SNAP 269850

006071	CLOCK REQUEST @ MUNGRAV	T1=24234	SECONDS RUNNING	369891.848367	7988
006071	CLOCK REQUEST @ MUNGRAV	T1=24242	SECONDS RUNNING	369891.9018382	3119
DISPLAYS =	65 36 60	+0002 -0028 +0010			369891.900005
006071	CLOCK REQUEST @ MUNGRAV	T1=24260	SECONDS RUNNING	369891.949282	5133
063107	CLOCK REQUEST @ LRVEL	T1=24275	SECONDS RUNNING	369891.179036	6205

VELOCITY DATA GOOD BIT CHANGED TO 0 AT T = 369891.22  
RANGE DATA GOOD BIT CHANGED TO 0 AT T = 369891.22

063150	CLOCK REQUEST @ RADAREAD	T1=24317	SECONDS RUNNING	369891.274871	4383
101757	CLOCK REQUEST @ PDGIMS	T1=24316	SECONDS RUNNING	369891.341191	1043
063150	CLOCK REQUEST @ RADAREAD	T1=24321	SECONDS RUNNING	369891.374907	2921
073531	CLOCK REQUEST @ VERTGUID	T1=24331	SECONDS RUNNING	369891.453715	9645
063150	CLOCK REQUEST @ RADAREAD	T1=24333	SECONDS RUNNING	369891.474865	1449
072216	CLOCK REQUEST @ THROTTLE	T1=24341	SECONDS RUNNING	369891.534281	6519
006071	CLOCK REQUEST @ FINDCDUW	T1=24342	SECONDS RUNNING	369891.545257	7456
063150	CLOCK REQUEST @ RADAREAD	T1=24345	SECONDS RUNNING	369891.574871	9983
063150	CLOCK REQUEST @ RADAREAD	T1=24357	SECONDS RUNNING	369891.674911	8521
073476	CLOCK REQUEST @ ENDLJCB	T1=24370	SECONDS RUNNING	369891.764012	6123
DISPLAYS =	65 36 60	+0002 -0005 +0002			369892.000000
063073	CLOCK REQUEST @ LRALT	T1=24527	SECONDS RUNNING	369892.718211	7548

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CRUX	PRATE	ATT-X	DPPX	DGX	THRUST	RCS	APPLU
LANDING	(STABLE MEMBER METRIC	COORDS) UNITS	FORVEL	LONG	PITCH	BALL-P	COUY	GRATE	ATT-Y	DPPY	DGY	DELTA V	DPS	PERILU	
			ALTRATE	ALT	ROLL	BALL-Y	COUZ	RRATE	ATT-Z	DPPZ	DGZ	MASS	APS		
369892.7	1736063	0.0	1.62	0.0	0.80	0.00	0.12	2.43	0.00	0.65	486	0	526.3	0.00	
102:44:53	3663	0.0	0.00	0.00	23.70	89.99	359.99	0.01	0.00	0.21	38	0	6047	1828	-936.76
LANDING	384	4.6	0.00	1.00	19	-176.47	357.55	0.12	0.00	0.00	11	0	16719	5180	

107441	CLOCK REQUEST @ RFADACCS	T1=24534	SECONDS RUNNING	369892.761154	1213
076206	CLOCK REQUEST @ SERVICER	T1=24535	SECONDS RUNNING	369892.77729	230
063150	CLOCK REQUEST @ RADAREAD	T1=24541	SECONDS RUNNING	369892.814887	5703

006071 CLCCK REQUEST @ MUNGRAV

T1=24547

SECONDS RUNNING

369894.473399

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LMY99 AGC 001 NASA 2121112-61 NEW SIMULATION MARSFOT 2 414415 /EYLF5 LRRADAR2, FMCNTPL 11722/40 14:43 PAGE 431  
/DUPLICATE LANDING LAST SNAP 369850

006071 CLCCK REQUEST @ MUNGRAV T1=24557 SECONDS RUNNING 369894.95187 7344

063107 CLCCK REQUEST @ LRVFL T1=24570 SECONDS RUNNING 369894.41939 5173

063150 CLCCK REQUEST @ RADAREAD T1=24601 SECONDS RUNNING 369894.137357 2315

101757 CLCCK REQUEST @ RDCIMS T1=24611 SECONDS RUNNING 369894.219111 1283

063150 CLCCK REQUEST @ RADAREAD T1=24613 SECONDS RUNNING 369894.234862 1636

073531 CLCCK REQUEST @ VERTGUID T1=24623 SECONDS RUNNING 369894.311004 8123

063150 CLCCK REQUEST @ RADAREAD T1=24625 SECONDS RUNNING 369894.334869 1171

072216 CLCCK REQUEST @ THRATTLE T1=24632 SECONDS RUNNING 369894.381513 415

006071 CLCCK REQUEST @ FINDCDUW T1=24633 SECONDS RUNNING 369894.391136 4971

063150 CLCCK REQUEST @ RADAREAD T1=24637 SECONDS RUNNING 369894.434874 8714

063150 CLCCK REQUEST @ RADAREAD T1=24651 SECONDS RUNNING 369894.524863 7224

073476 CLCCK REQUEST @ ENDLJCB T1=24661 SECONDS RUNNING 369894.61475 4053

DISPLAYS = 65 16 60 + 1012 + 1012 - 1012 369894.100000

063073 CLCCK REQUEST @ LRLAT T1=25037 SECONDS RUNNING 369894.718211 8215

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPYX	RGY	THELST	RCS	AP0LU
LANDING	(STABLE MEMBER METRIC UNITS)	(COOKS) UNITS	(COOKS)	FORVEL ALTRATE	LCNG ALT	PITCH ROLL	BALL-R BALL-Y	CDUY CDUZ	PRATE	ATT-Y ATT-Z	DPYX DPPZ	RGY DGZ	RFLTAV MASS	GPS APS	PEF ILU
369894.7	1736063	0.00	1.62	-	0.00	0.80	-	0.12	2.43	0.00	0.65	327	0	526.3	0.00
102:44:55	3649	0.00	1.00	-	0.00	23.70	89.99	359.99	0.1	0.41	0.21	1	2	1.28	-036.76
LANDING	361	4.6	0.00	-	0.00	15	-17.47	357.55	0.12	-	0.00	0.00	2	16710	5189

107441 CLCCK REQUEST @ READACCS T1=25044 SECONDS RUNNING 369894.761154 1870

076206 CLCCK REQUEST @ SERVICER T1=25045 SECONDS RUNNING 369894.770729 2696

063150 CLCCK REQUEST @ RADAREAD T1=25051 SECONDS RUNNING 369894.814860 6452

006071 CLCCK REQUEST @ MUNGRAV T1=25055 SECONDS RUNNING 369894.850421 9497

006071 CLCCK REQUEST @ MUNGRAV T1=25063 SECONDS RUNNING 369894.91028 4634

063107 CLCCK REQUEST @ LRVFL T1=25073 SECONDS RUNNING 369894.994485 2790

063150 CLCCK REQUEST @ RADAREAD T1=25106 SECONDS RUNNING 369894.986709 1513

101757 CLCCK REQUEST @ RDCIMS T1=25114 SECONDS RUNNING 369894.981181 6111

063150 CLCCK REQUEST @ RADAREAD T1=25117 SECONDS RUNNING 369894.9838 8001



LMY99 AGC 001 NASA 21112-61 NEW SIMULATION MARSEOT 20414415 /EYLFS LRRADAP2.EMVCTRL 17/23/77 14:44 PAGE 432 /DUPLICATE LANDING LAST SNAP 0850

073531	CLECK REQUEST @ VERTGUID	T1=25127	SECONDS RUNNING	369896.276848	5985
063150	CLECK REQUEST @ RADAREAD	T1=25131	SECONDS RUNNING	369896.294863	7423
072216	CLECK REQUEST @ THRATTLE	T1=25136	SECONDS RUNNING	369896.343934	1611
006071	CLECK REQUEST @ FINDCDUW	T1=25137	SECONDS RUNNING	369896.353567	2432
063150	CLECK REQUEST @ RADAREAD	T1=25143	SECONDS RUNNING	369896.394973	5957
063150	CLECK REQUEST @ RADAREAD	T1=25155	SECONDS RUNNING	369896.404886	4489
073476	CLECK REQUEST @ ENDLJCB	T1=25165	SECONDS RUNNING	369896.57074	9964
063073	CLECK REQUEST @ LRALT	T1=25347	SECONDS RUNNING	369896.719869	9023

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	Y <sup>Δ</sup>	BALL-R	CDUX	PRATE	ATT_X	DPPX	DGY	T <sub>H</sub> FUST	RCS	APOLH
LANDING	(STAELE MEMBER METRIC UNITS)	(COORDS)	FORVEL ALTRATE	LONG ALT	PITCH RECL	BALL-P BALL-Y	CDUY CDUZ	QRATE RRATE	ATT-Y ATT-Z	DPPY DPPZ	DGZ	DELTA V MASS	OPS APS	PERFILU	
369896.7	1736763	10.1	1.62	0.0	10.81	0.000	1.12	2.43	0.00	0.65	327	0	1	526.3	1.00
102:44:57	365	10.1	1.62	0.0	23.70	89.99	359.99	0.1	0.00	0.21	1	0	1	6754	1.28
LANDING	353	4.6	1.62	0.0	19	-17.47	357.55	0.12	0.00	0.13	0	0	0	16719	5189

107441	CLECK REQUEST @ READACCS	T1=25254	SECONDS RUNNING	369896.761154	2546
076206	CLECK REQUEST @ SERVICER	T1=25355	SECONDS RUNNING	369896.777729	3363
063150	CLECK REQUEST @ RADAREAD	T1=25361	SECONDS RUNNING	369896.815071	7147
006071	CLECK REQUEST @ MUNGRAV	T1=25364	SECONDS RUNNING	369896.847338	9900
006071	CLECK REQUEST @ MUNGRAV	T1=25372	SECONDS RUNNING	369896.916391	4948
063107	CLECK REQUEST @ LRVEL	T1=25403	SECONDS RUNNING	369896.993935	241
063150	CLECK REQUEST @ RADAREAD	T1=25414	SECONDS RUNNING	369897.084878	171
101757	CLECK REQUEST @ RDC1MS	T1=25424	SECONDS RUNNING	369897.101118	6682
063150	CLECK REQUEST @ RADAREAD	T1=25426	SECONDS RUNNING	369897.184911	8715
073531	CLECK REQUEST @ VERTGUID	T1=25437	SECONDS RUNNING	369897.27272	620
063150	CLECK REQUEST @ RADAREAD	T1=25440	SECONDS RUNNING	369897.214855	7215
072216	CLECK REQUEST @ THROTTLE	T1=25445	SECONDS RUNNING	369897.339632	1909
006071	CLECK REQUEST @ FINDCDUW	T1=25447	SECONDS RUNNING	369897.35596	2845

063150	CLOCK REQUEST @ RADAREAD	T1=25454	SECONDS RUNNING	369897.484867	4313
063150	CLOCK REQUEST @ RADAREAD	T1=25464	SECONDS RUNNING	369897.484867	4313
LMY99	AGC 001 NASA 2021112-061 NEW SIMULATION	MARSROT 20414415 /EYLF5	LPRADAP2.ENVCNT L=7/27/49	14:43	PAGE 433
			/DUPLICATE LANDING	LAST SNAP	369897
073476	CLOCK REQUEST @ ENCLLJCB	T1=25474	SECONDS RUNNING	369897.566951	1317
DISRLAYS =	65 6 6	+02.13 +00.02 -000.1			369898.00000
063073	CLOCK REQUEST @ KRLT	T1=25657	SECONDS RUNNING	369908.718211	9548

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	RRATE	ATT-X	DPPX	DCX	THRUST	RCS	APOLU
LANDING	(STABLE MEMPR	COORDS)	FCRVEL	LCNG	FITCH	EAL-P	CDUY	GRATE	ATT-Y	DPY	DCY	ELTAV	OPS	APOLU	RERILU
	METRIC	UNITS	ALTRATE	ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DRRZ	DCZ	MASS	APS		
369898.7	1736.63	0.0	1.62	0.0	0.80	0.00	0.12	2.43	0.00	0.65	326	0	0	226.3	0.00
102:44:59	3651	1.0	0.00	0.0	23.71	89.99	359.99	1.01	0.00	0.21	1	0	6.58	1.28	-936.76
LANDING	345	4.6	0.00	0.0	19	-176.47	357.55	0.12	0.00	0.00	1	0	14719	5185	

107441	CLOCK REQUEST @ READACCS	T1=25664	SECONDS RUNNING	369898.761154	3213
076206	CLOCK REQUEST @ SF0VICFR	T1=25665	SECONDS RUNNING	369898.771729	4333
063150	CLOCK REQUEST @ RADAREAD	T1=25671	SECONDS RUNNING	369898.815170	7814
006071	CLOCK REQUEST @ MUNGRAV	T1=25674	SECONDS RUNNING	369898.846131	1464
006071	CLOCK REQUEST @ MUNGRAV	T1=25772	SECONDS RUNNING	369898.908831	5914
063107	CLOCK REQUEST @ LRVEL	T1=25713	SECONDS RUNNING	369898.994144	3195
063150	CLOCK REQUEST @ RADAREAD	T1=25724	SECONDS RUNNING	369899.054964	1836
101757	CLOCK REQUEST @ RDCIMS	T1=25734	SECONDS RUNNING	369899.161166	7347
063150	CLOCK REQUEST @ RADAREAD	T1=25736	SECONDS RUNNING	369899.184874	9371
073531	CLOCK REQUEST @ VERTGUID	T1=25747	SECONDS RUNNING	369899.271510	6763
063150	CLOCK REQUEST @ RADAREAD	T1=25750	SECONDS RUNNING	369899.284881	7974
072216	CLOCK REQUEST @ THROTTLE	T1=25755	SECONDS RUNNING	369899.337258	2374
006071	CLOCK REQUEST @ FINDCDUW	T1=25757	SECONDS RUNNING	369899.351869	3621
063150	CLOCK REQUEST @ RADAREAD	T1=25762	SECONDS RUNNING	369899.386494	6831
063150	CLOCK REQUEST @ RADAREAD	T1=25774	SECONDS RUNNING	369899.484886	4571
073476	CLOCK REQUEST @ ENCLLJCB	T1=26004	SECONDS RUNNING	369909.562563	1600

SNARSHCT 36997 SECONDS RUNNING 369909.00129

063073 CLCK REQUEST @ LRLAT T1=26167 SECONDS RUNNING 36990.718211 215

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-P	CDUX	PPATE	ATT-X	DPY	DGX	THRUST	RCS	APPLU
LANDING	(STABLE	MEMBER	COORDS)	FORVEL	LONG	PITCH	BALL-P	CDUY	PPATE	ATT-Y	DPY7	DGY	DELTA	DPS	PERILU
	METRIC	UNITS		ALT	ALT	ROLL	BALL-Y	CDUZ	RPATE	ATT-Z	DPY7	DGZ	MASS	APS	
369900.7	1736063	0.0	1.62 -	0.0	0.87 -	0.0	1.12	2.43	0.00	0.65	327	0	526.3	0.0	
102:45: 1	3652 -	0.0	0.00 -	0.0	23.70	89.99	359.99 -	0.01	0.00	0.21	1	0	61.2	1.28	-026.76
LANDING	237 -	4.0	0.00 -	0.0	19	-176.47	357.55	0.12 -	0.00	0.00	0	0	1671.0	51.8	

107441 CLCK REQUEST @ RADAREAD T1=26174 SECONDS RUNNING 36990.761154 3274

076206 CLCK REQUEST @ SERVICER T1=26175 SECONDS RUNNING 36990.771729 4696

063150 CLCK REQUEST @ RADAREAD T1=26211 SECONDS RUNNING 36990.814913 8467

006071 CLCK REQUEST @ MUNGRAV T1=26214 SECONDS RUNNING 36990.840922 1454

006071 CLCK REQUEST @ MUNGRAV T1=26213 SECONDS RUNNING 36990.911497 6623

063107 CLCK REQUEST @ LRVEL T1=26223 SECONDS RUNNING 36990.99432 3775

063150 CLCK REQUEST @ RADAREAD T1=26234 SECONDS RUNNING 36991.0184351 1502

101757 CLCK REQUEST @ RDGIMS T1=26244 SECONDS RUNNING 36991.111166 8014

063150 CLCK REQUEST @ RADAREAD T1=26246 SECONDS RUNNING 36991.1164861 0036

073531 CLCK REQUEST @ VERTEVIC T1=26257 SECONDS RUNNING 36991.1275314 7754

063150 CLCK REQUEST @ RADAREAD T1=26260 SECONDS RUNNING 36991.1284855 9568

072216 CLCK REQUEST @ THRITTLE T1=26266 SECONDS RUNNING 36991.134241 2479

006071 CLCK REQUEST @ FIMDCDUK T1=26267 SECONDS RUNNING 36991.1352021 437

063150 CLCK REQUEST @ RADAREAD T1=26272 SECONDS RUNNING 36991.1384876 714

063150 CLCK REQUEST @ RADAREAD T1=26274 SECONDS RUNNING 36991.1444873 5627

073476 CLCK REQUEST @ ENDLLJCB T1=26314 SECONDS RUNNING 36991.1567691 2704

063073 CLCK REQUEST @ LRLAT T1=26477 SECONDS RUNNING 36992.071941 1984

369902.7	1736163	0.0	1.62 -	0.0	0.87 -	0.0	1.12	2.43	0.00	0.65	327	0	526.3	0.0	
102:45: 3	3653 -	0.0	0.00 -	0.0	23.70	89.99	359.99 -	0.01	0.00	0.21	1	0	61.2	1.28	-026.76
LANDING	228 -	4.0	0.00 -	0.0	19	-176.47	357.55	0.12 -	0.00	0.00	1	0	1671.0	51.8	

TIME	REQUEST	STATUS	TIME	STATUS	TIME	STATUS	PAGE
107441	CLCK REQUEST @ READACCS		T1=26534	SECONDS RUNNING	36990761154		4546
076206	CLCK REQUEST @ SERVICER		T1=26535	SECONDS RUNNING	369907671729		5363
LMY99	AGC	001 NASA 211112-61 NEW SIMULATION	MARSDOT 20414415 /EYLES		LRRADAR2.FNVCNTRL 07/21/69 14:43		PAGE 435 369907
063150	CLCK REQUEST @ RADAREAD		T1=26511	SECONDS RUNNING	369902814961		9129
006071	CLCK REQUEST @ MUNGRAV		T1=26514	SECONDS RUNNING	369902847719		1933
006071	CLCK REQUEST @ MUNGRAV		T1=26522	SECONDS RUNNING	369902896719		6568
063107	CLCK REQUEST @ LRVEL		T1=26533	SECONDS RUNNING	3699028994569		4473
063150	CLCK REQUEST @ RADAREAD		T1=26545	SECONDS RUNNING	3699030195188		2750
101757	CLCK REQUEST @ RDGIMS		T1=26554	SECONDS RUNNING	3699030161193		9683
063150	CLCK REQUEST @ RADAREAD		T1=26557	SECONDS RUNNING	3699030194356		1555
073531	CLCK REQUEST @ VERTGUID		T1=26567	SECONDS RUNNING	3699030271457		8092
063150	CLCK REQUEST @ RADAREAD		T1=26571	SECONDS RUNNING	3699030294990		0091
072216	CLCK REQUEST @ THRATTLE		T1=26575	SECONDS RUNNING	3699030339674		3928
006071	CLCK REQUEST @ FINCCDUW		T1=26576	SECONDS RUNNING	3699030349637		4763
063150	CLCK REQUEST @ RADARFAD		T1=26603	SECONDS RUNNING	3699030354859		8622
063150	CLCK REQUEST @ RADAREAD		T1=26615	SECONDS RUNNING	3699030404956		7155
073476	CLCK REQUEST @ ENDLLOCB		T1=26624	SECONDS RUNNING	3699030564662		3112
DISPLAYS =	65	06	61				369904000000
063073	CLCK REQUEST @ LRALT		T1=27007	SECONDS RUNNING	3699040718211		1548

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LAT	EL	LAT	YAW	BALL	CDUX	PRATE	ATT-X	DPPX	OGX	THRUST	RCS	APDU
LANDING	(STABLE MEMBER METRIC UNITS)	COORDS	ALTRATE	LCNG	PITCH	LCNG	PITCH	BALL-P	CDUY	GRATE	ATT-Y	DPPY	OGY	DELTA V	DPS	PERILU
				ALT	ROLL	ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	OGZ	MASS	APS	
369904.7	1736063	0.0	1.62	-	0.0	0.8	0.00	0.12	2.43	0.00	0.65	327	0	526.3	0.04	
102:45:5	3054	0.0	0.00	-	0.0	22.7	89.99	359.99	0.01	0.00	0.21	1	0	6.7	1.28	-936.76
LANDING	320	4.6	0.00	-	0.0	19	-176.47	357.55	0.12	0.00	0.00	0	0	16712	5189	

107441	CLCK REQUEST @ READACCS		T1=27014	SECONDS RUNNING	3699040761154		5213
076206	CLCK REQUEST @ SERVICER		T1=27015	SECONDS RUNNING	3699040771729		6157
063150	CLCK REQUEST @ RADARFAD		T1=27021	SECONDS RUNNING	369904081486		9706
006071	CLCK REQUEST @ MUNGRAV		T1=27024	SECONDS RUNNING	3699040846249		2474
006071	CLCK REQUEST @ MUNGRAV		T1=27032	SECONDS RUNNING	369904090517		7973
063107	CLCK REQUEST @ LRVEL		T1=27042	SECONDS RUNNING	369904094512		6126
063150	CLCK REQUEST @ RADAREAD		T1=27055	SECONDS RUNNING	36990409416		3699

063107

CLCK REQUEST : LEVEL

T1=27.43

SECONDS RUNNING

160004.94512

5172

063150

CLCK REQUEST : RADARE AD

T1=27.55

SECONDS RUNNING

160004.9486

5174

101757	CLOCK REQUEST @ RDGIMS	T1=27064	SECONDS RUNNING	3699 5.0161180	9348
063150	CLOCK REQUEST @ RADAREAD	T1=27067	SECONDS RUNNING	3699 5.0194869	2223
073531	CLOCK REQUEST @ VERTGUID	T1=27077	SECONDS RUNNING	3699 5.0275550	9108
063150	CLOCK REQUEST @ RADAREAD	T1=27101	SECONDS RUNNING	3699 5.0294890	1753
072216	CLOCK REQUEST @ THRCTLLE	T1=27106	SECONDS RUNNING	3699 5.0323336	4932
006071	CLOCK REQUEST @ FINDCCUK	T1=27107	SECONDS RUNNING	3699 5.0356415	6108
063150	CLOCK REQUEST @ RADAREAD	T1=27113	SECONDS RUNNING	3699 5.0394860	9299
063150	CLOCK REQUEST @ RADAREAD	T1=27125	SECONDS RUNNING	3699 5.0494988	7833
073476	CLOCK REQUEST @ ENDLLJCP	T1=27134	SECONDS RUNNING	3699 5.0567522	4023
DISPLAYS =	65 36 6	+0114 +0112 +0000			3699 6.070000
063073	CLOCK REQUEST @ LRALT	T1=27317	SECONDS RUNNING	3699 5.0718211	2215

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LPS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPY	CGX	THEUST	PCS	APOLU
LANDING	(STABLE MEMBER METRIC)	COORDS	FORVEL	LCNG	PITCH	BALL-P	CDUY	QRATE	ATT-Y	DPPY	CGY	DELTA	MASS	APS	PEPLU
		UNITS	ALTRATE	ALT	ROLL	BALL-Y	CDUZ	RPATE	ATT-Z	DPPZ	CGZ				
3699(6.7	1736.63	0.0	1.62	-	0.0	0.12	2.43	0.10	0.65	327	0	0	926.3	11.08	
102:45:7	3655	0.0	0.00	-	0.0	236.70	89.49	355.99	0.21	1	0	6776	1728	-936.76	
LANDING	312	4.6	0.0	-	0.0	19	-176.47	357.55	0.12	0.00	0	16710	5189		

107441	CLOCK REQUEST @ READACCS	T1=27324	SECONDS RUNNING	3699 5.0761154	4279
076206	CLOCK REQUEST @ SERVICER	T1=27325	SECONDS RUNNING	3699 5.0770729	6696
063150	CLOCK REQUEST @ RADAREAD	T1=27331	SECONDS RUNNING	3699 5.0814873	1463
006071	CLOCK REQUEST @ MUNGRAV	T1=27335	SECONDS RUNNING	3699 5.0851478	3496
006071	CLOCK REQUEST @ MUNGRAV	T1=27343	SECONDS RUNNING	3699 5.0911615	9633
063107	CLOCK REQUEST @ LRVEL	T1=27353	SECONDS RUNNING	3699 5.094472	5789
063150	CLOCK REQUEST @ RADAREAD	T1=27365	SECONDS RUNNING	3699 5.096475	4493
101757	CLOCK REQUEST @ RDGIMS	T1=27374	SECONDS RUNNING	3699 5.1011180	215
063150	CLOCK REQUEST @ RADAREAD	T1=27377	SECONDS RUNNING	3699 5.104883	2891
073531	CLOCK REQUEST @ VERTGUID	T1=27417	SECONDS RUNNING	3699 5.270668	1106
063150	CLOCK REQUEST @ RADAREAD	T1=27411	SECONDS RUNNING	3699 5.269486	1453
072216	CLOCK REQUEST @ THRCTLLE	T1=27416	SECONDS RUNNING	3699 5.266754	5851

072216 CLCK REQUEST @ THRATTLE T1=27416 SECONDS RUNNING 3699 7.44754 6651  
 LMY99 AGC 001 NASA 2021112-061 NEW SIMULATION MARSHOT 20414415 /EYLF5 LRPADAR20 EMCNTPL 17/03/68 14:43 PAGE 437  
 /DUPLICATE LANDING LAST SNAP 00900

006071 CLCK REQUEST @ FINDCLW T1=27417 SECONDS RUNNING 3699 7.356374 6671

063150 CLCK REQUEST @ RADAREAD T1=27423 SECONDS RUNNING 3699 7.495580 8117

063150 CLCK REQUEST @ RADAREAD T1=27435 SECONDS RUNNING 3699 7.494934 8495

073476 CLCK REQUEST @ ENDLLJCB T1=27445 SECONDS RUNNING 3699 7.571338 5015

DISPLAYS = 65 06 01 +0015 +0003 +0001 369908.11000

063073 CLCK REQUEST @ LRALT T1=27627 SECONDS RUNNING 3699 8.719360 3023

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-R	CDUX	PRATE	ATT-X	DPPX	DCX	THRUST	RCS	APDLU
LANDING	(STABLE MEMBER COORDS)			FCRVEL	LONG	PITCH	BALL-P	CDUY	QRATE	ATT-Y	DPPY	DCY	DELTA V	OPS	PFILU
	METRIC UNITS			ALTRATE	ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DPPZ	DCZ	MASS	APS	
369908.7	1736.63	0.0	1.62	0.0	1.8	0.00	0.12	2.43	0.00	0.65	326	0	524.3	0.00	
102:45:5	3656	0.0	0.00	0.0	23.7	89.99	359.99	0.01	0.00	0.21	1	0	6078	1.26	-936.76
LANDING	304	4.6	0.00	0.0	1.0	-176.47	357.55	0.12	0.00	0.00	0	0	16719	5180	

107441 CLCK REQUEST @ READACCS T1=27634 SECONDS RUNNING 3699 8.761154 6546

076206 CLCK REQUEST @ SERVICER T1=27645 SECONDS RUNNING 3699 8.77729 7362

063150 CLCK REQUEST @ RADAREAD T1=27641 SECONDS RUNNING 3699 8.814960 1129

006071 CLCK REQUEST @ MUNGRAV T1=27644 SECONDS RUNNING 3699 8.847504 3015

006071 CLCK REQUEST @ MUNGRAV T1=27652 SECONDS RUNNING 3699 8.816546 8953

063107 CLCK REQUEST @ LRVEL T1=27663 SECONDS RUNNING 3699 8.894226 6418

063150 CLCK REQUEST @ RADAREAD T1=27674 SECONDS RUNNING 3699 8.84917 4174

101757 CLCK REQUEST @ RDGIMS T1=27704 SECONDS RUNNING 3699 9.161166 6687

063150 CLCK REQUEST @ RADAREAD T1=27706 SECONDS RUNNING 3699 9.184887 2725

073531 CLCK REQUEST @ VERTGUID T1=27717 SECONDS RUNNING 3699 9.275746 4458

063150 CLCK REQUEST @ RADAREAD T1=27721 SECONDS RUNNING 3699 9.284955 1235

072216 CLCK REQUEST @ THRATTLE T1=27726 SECONDS RUNNING 3699 9.343987 6281

006071 CLCK REQUEST @ FINDCLW T1=27727 SECONDS RUNNING 3699 9.353608 7102

063150 CLCK REQUEST @ RADAREAD T1=27732 SECONDS RUNNING 3699 9.384963 9769

063150 CLCK REQUEST @ RADAREAD T1=27744 SECONDS RUNNING 3699 9.484846 934

DISPLAYS = 65    16    61    +0015    +0002    +0001    369911.018000

LMY99    AGC    001    NASA 2 21112-061 NEW SIMULATION    MARSRT 2414415 /EYLES    LRFADAP2.FNVCNTR1 17/1/79 14:43    PAGE 438  
 /DUPLICATE LANDING    LAST SMAP 369900

063073    CLCK REQUEST @ LRLT    T1=30137    SECONDS RUNNING    369911.718211    3548

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LBS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	VAW	BALL-R	CDUX	PRATE	ATT_X	DRPX	DGX	THUST	XCS	AROLU
LANDING	(STAPLE MEMBER COORDS)			FCRVEL	LONG	RITCH	BALL-R	CDUY	CRATE	ATT-Y	DRPY	DGY	DELTA	OPS	PER ILU
	METRIC UNITS			ALTRATE	ALT	ROLL	BALL-Y	CDUZ	RRATE	ATT-Z	DRPZ	DGZ	MASS	APS	
369910.7	1736063	0	1.62	-	0.81	0.00	0.12	2.43	0.00	0.65	327	0		526.3	0.00
102:45:11	3657	-	0.0	0.00	23.74	29.99	359.99	0.1	0.00	0.21		0	6.82	1.28	-936.76
LANDING	295	-	4.6	0.00	19	-176.47	357.55	0.12	0.00	0.00		0	16719	51.99	

107441    CLCK REQUEST @ READACCS    T1=30144    SECONDS RUNNING    369911.761154    7213

ASTRONAUT KEYSTROKE "VERB"    FOR TIME 369911.765  
 ASTRCAUT KEYSTROKE 3    FOR TIME 369911.715  
 ASTRCAUT KEYSTROKE 7    FOR TIME 369911.265  
 ASTRCAUT KEYSTROKE "ENTER"    FOR TIME 369911.515  
 ASTRCAUT KEYSTROKE 6    FOR TIME 369911.765  
 ASTRCAUT KEYSTROKE 8    FOR TIME 369912.15  
 ASTRCAUT KEYSTROKE "ENTER"    FOR TIME 369912.265

076206    CLCK REQUEST @ SERVICER    T1=30145    SECONDS RUNNING    369911.77629    482

063150    CLCK REQUEST @ RADAREAD    T1=30151    SECONDS RUNNING    369911.814913    180

006071    CLCK REQUEST @ MUNGRAV    T1=30155    SECONDS RUNNING    369911.851772    4948

006071    CLCK REQUEST @ MUNGRAV    T1=30153    SECONDS RUNNING    369911.8017619    564

DISPLAYS = 65    XX    61    +0015    +0002    +0001    369911.900034

063107    CLCK REQUEST @ LRVEL    T1=30174    SECONDS RUNNING    369911.09987    8446

063150    CLCK REQUEST @ RADAREAD    T1=30206    SECONDS RUNNING    369911.014920    6547

101757    CLCK REQUEST @ RDGIMS    T1=30215    SECONDS RUNNING    369911.171162    220

063150    CLCK REQUEST @ RADAREAD    T1=30220    SECONDS RUNNING    369911.24865    5776

063150    CLCK REQUEST @ RADAREAD    T1=30232    SECONDS RUNNING    369911.34858    2639

073531    CLCK REQUEST @ VERTGUID    T1=30232    SECONDS RUNNING    369911.319187    3970

072216    CLCK REQUEST @ THRATTLE    T1=30241    SECONDS RUNNING    369911.377581    4814

006071    CLCK REQUEST @ FINDCRW    T1=30242    SECONDS RUNNING    369911.389328    817

063150    CLCK REQUEST @ RADAREAD    T1=30244    SECONDS RUNNING    369911.404879    2144

063150    CLCK REQUEST @ RADAREAD    T1=30256    SECONDS RUNNING    369911.517546    95

073476    CLCK REQUEST @ ENPLLJCH    T1=30271    SECONDS RUNNING    369911.612200    0

DISPLAYS = 65    37    6X    FLASH    +0015    +0002    +0001    RELEASE DISPLAY    369912.017000



073476

CLCCK RERUFST d ENDLLJC

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DISPLAYS =

65 37 6X FLASH +10115 +11112 +11111

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268912 0700

UNLESS OTHERWISE INDICATED, ALL UNITS ARE IN LPS, FT, NMI, SEC, DEG

TIME	R	V	A	LATVEL	LAT	YAW	BALL-P	CDUX	RRATE	ATT-X	DPPX	DCX	TRDST	RCS	APDLU
LANDING	(STABLE MEMBER COGRDS)			FORVEL	LCNG	PITCH	BALL-P	CDUY	QRATE	ATT-Y	DPY	DGY	DELTAV	DPS	PRILU
	METRIC	UNITS		ALTRATE	ALT	RCLL	BALL-Y	CDUZ	RPATE	ATT-Z	DPPZ	DGZ	MASS	ARS	
369912.7	1736063			1.62 -	0.80 -	0.10	0.12	2.43	0.00	0.65	327			526.3	0.00
102:45:13	3658 -			1.00 -	23.70	89.39	0.00	0.1	0.00	0.21	1		6.86	1.28	-936.76
LANDING	287 -	4.6		1.00 -	19	-176.47	357.55	0.12	0.00	0.00	1		16719	51.0	

107441	CLCK REQEST @ READACCS	T1=30454	SECONDS RUNNING	369912.761154	7879
076206	CLCK REQEST @ SERVICER	T1=30454	SECONDS RUNNING	369912.765722	927
006071	CLCK REQEST @ MUNGRAV	T1=30463	SECONDS RUNNING	369912.834119	4097
006071	CLCK REQEST @ MUNGRAV	T1=30471	SECONDS RUNNING	369912.892715	91.5
063107	CLCK REQEST @ LRVEL	T1=30511	SECONDS RUNNING	369912.97141	5736

DISRLAYS = 65 37 XX +0015 +0012 +0001 RELEASE DISPLAY 369913.000016

063150	CLCK REQEST @ RADAREAD	T1=30512	SECONDS RUNNING	369913.066826	3963
055661	CLCK REQEST @ AVGEND	T1=30515	SECONDS RUNNING	369913.097135	4541
101757	CLCK REQEST @ RDGIMS	T1=30521	SECONDS RUNNING	369913.131165	9454
063150	CLCK REQEST @ RADAREAD	T1=30524	SECONDS RUNNING	369913.164368	2331
063150	CLCK REQEST @ RADAREAD	T1=30534	SECONDS RUNNING	369913.264352	7862
063150	CLCK REQEST @ RADAREAD	T1=30551	SECONDS RUNNING	369913.364375	9397
063150	CLCK REQEST @ RADAREAD	T1=30552	SECONDS RUNNING	369913.464371	7933
105564	CLCK REQEST @ ENGINEF3	T1=31026	SECONDS RUNNING	369915.017364	8080
072144	CLCK REQEST @ LANDJUK	T1=31032	SECONDS RUNNING	369915.149745	1706

DISRLAYS = 68 XX XX FLASH XXXXX XXXXX XXXXX 369916.000000

MODE 68 T = 365516.4910 ASTRONAUT SEES DESIRED DISRLAYS. CK FAIL PCN ALM FL DSRLY  
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DISRLAYS = 68 42 FLASH +00058 +02370 +00000 369917.000000

ASTRONAUT PERFORMS ACTION 511054126 AT TIME 369918.4914

ASTRONAUT KEYSTROKE PROCEED

DISRLAYS = 68 XX XX XXXXX XX37X XXXXX

369919.0051

DISPLAYS = 68 35 43 FLASH + 0158 + 02370 + 01100

36917.0100

ASTRONAUT PERFORMS ACTION 6000 55 126 AT TIME 369918.4514

ASTRONAUT KEYSTROKE PRECEED

DISPLAYS = 68 XX XX XXXXX XX37X XXXXX

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LMY99 AGC 0011 NASA 2021112-061 NEW SIMULATION MARSCT 20414415 /EYLES

LEFADAR 2. ENVNTPL 7/27 14:40 PAGE 440  
/DUPLICATE LAMINATE LAST SNAP 0990

DISPLAYS = 68 37 XX FLASH XXXXX XXXXX XXXXX

36921.0100

ASTRONAUT KEYSTROKE "VERB" FOR TIME 36993.0641  
ASTRONAUT KEYSTROKE 6 FOR TIME 36993.0891  
ASTRONAUT KEYSTROKE 0 FOR TIME 36993.1141  
ASTRONAUT KEYSTROKE "ENTER" FOR TIME 36993.1391

DISPLAYS = 68 6X XX FLASH XXXXX XXXXX XXXXX

RELEASE DISPLAY 36993.0000

E X I T D U M P

SIMULATOR ABORTING. PROGRAMMER'S PROBLEM (HAVE FUN).  
REASON - 0086CA TC SELF.

SECONDS RUNNING 269931.305142

ATTEMPTING TO EXECUTE THE FOLLOWING BASIC INSTRUCTION -

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LMY99 AGC 01 NASA 2021112-001 NEW SIMULATION

MARSCT 20414415 ZEYLES

LRKADAF26ENVONTPL 7/22/71 14:43 PAGE 442  
/DUPLICATE LANDING LAST SNAP 369900

IBM SYSTEM STARTING THIS ABORT

TAKE PROBLEM TO SIMULATION GROUP

COMMUNICATOR PROGRAM DUMP

```

0DCC68 000000 33000404 E465C5E2 C1E30609 41C109F9 90E0D0C 4577F050 00000000 00000000 COMMUNICATOR PRG 00000000
0DCC2B 000020 80000404 4010DFC6 00040C38 00000000 00000000 00000000 00000000 << F <
0DCC40 000040 01001030 30000000 80100000 00000000 00000000 00000000 Y
0DCC68 000060 50D77045 57000008 1E0798BC 01B01189 5E90915E 50809001 98561300 58505000 E R P J ;E EE
0DCC88 000080 50500004 58A05000 50A09008 47000174 47F00098 5E600070 41100000 47F00000 EFM - & O J L ;E
0DCCAB 000100 040C0002 07090544 1P110A08 50001182 58300162 07004111 00AA0511 00000000 MACSPIE E J 00 013000
0DCCCB 000120 7FF50003 17092200 170058F0 818205FF 510001A8 500001AC 68000000 69000000 M R E J & J J
0DCC88 000140 47800004 69000000 47700000 E6 45600000 1E2147F0 20D44500 014047F0 E26295FF M C W - M J K
0DCC08 000160 80E94770 01425820 860A6802 00484560 82FC2070 204488FF 591005F6 47000142 J P - K 6 6 J
0DCC28 000180 89100003 41112000 07710000 10004112 01545000 00726000 00776600 00004780 E - =
0DCC48 000200 014258F0 01895000 018C9217 806145E0 056458F0 018C5000 01884570 936458F0 J J J / N J J J
0DCC68 000220 018870F0 50E01088 45700032 581001AB 41110000 58F001A2 05FF5820 01AC0420 J E J J J J
0DCC88 000240 58000004 98000000 18FF70FE 92100175 68050000 650001A2 47700078 58F00198 M J J J J
0DCCAB 000260 58000004 50FD0100 98FC0000 07FF0000 0100FF70 00000000 4811F71F 82680000 E
0DCC88 000280 00090000 80000000 00000000 00000000 80000000 00000000 41000000 47F00100 M- JH J
0DCCDE 000300 C4060000 C9050000 1B110A08 5000017A 58400004 58400000 92009004 05070000 (PRINT E :
0DCC88 000320 86070478 025A9601 90E44100 01FA47F0 02046800 03090502 43001811 00018100 K U J K MCLINK
0DCE28 000340 41100006 51000000 58100004 5EF58100 02046800 10000000 00000000 00000000 & K V V
0DCE48 000360 58400004 91FF108E 47B0025A 91F0108E 47800240 9E4900F4 91F0108E 47800240 U : K K U K K
0DCE68 000380 560290F4 4180005E 41100000 58F00100 5E500000 90000000 02000000 01158000 : J : K A G C
0DCE88 000400 817A50F0 F1258000 81864110 0010058F 817A50F0 112047F0 09000140 07400000 - 1 : M A G C
0DCEA8 000420 4E200004 540001E3 C9060500 41400004 41700000 41500000 4640021A 45000000 SIMULATION E -
0DCEC8 000440 60000000 41700000 41500000 4640021A 91FF0000 68000000 45000000 41100000 - E E E
0DCEE8 000460 41200004 45E00000 98000000 96F00100 96F00075 91049004 478002F8 45F00140 U KR J
0DCCFB 000480 95000000 47800000 45700000 47F0009E 68000000 61000000 21000000 44000000 H M M M - Q -
0DCC88 000500 60000000 43300000 00CF4457 00000000 00000000 00000000 00000000 - E M E B 6
0DCCF8 000520 02160000 0CF60411 033A4011 05F247F0 05084110 05F44011 05F26800 870E0000 K 7 6 4 NQ 4 N2 -
0DCC68 000540 40000000 1A868000 800E6000 010E6000 1A268000 03866000 4A6058F0 816A12FF - - -
0DCCF8 000560 47800004 41440000 47F00000 58640000 58640000 02000000 41000000 86264720 L - * K :N
0DCC88 000580 03AF02F0 8D655860 86A58100 90E00000 01000000 01000000 18144000 0001A01 L - & /
0DCCFE 000600 41100000 68000000 61000000 6E000000 6A000000 45600000 45600140 47000000 - > = - JK -
0DD008 000620 68000000 68000000 40000000 88564720 821E0000 4A284560 832F4210 8D5A9500 B21E0000
0DD028 000640 47C84780 044E4170 04425810 90005820 103F0500 81722000 47800434 41200000 H M+ M N M
0DD048 000660 59201030 4740041A 47F00276 58100000 58100000 51000000 07F76800 47C84100 - M M & > 7 H
0DD068 000680 00000000 00000000 00000000 00000000 00000000 00000000 00000000 - M X 00 LV K /
0DD088 000700 046F45E0 05644810 8F566810 1E5E6900 8C004780 0F800000 91204780 04926000 M> M ; M -
0DD0A8 000720 91200000 037FE600 92841100 00000000 90F45700 03761022 58F00166 05FF4570 z - E /
0DD0C8 000740 83400000 90F34780 05495000 90F34780 05046800 91000000 91284740 04F66000 - 0 0 N MW
0DD0E8 000760 91200000 00000000 90182000 69000000 47800252 02000492 054E47F0 0F886800 - , ; K M N+
0DD108 000780 91182820 68200000 47800000 6A200000 47400256 47F00514 61000000 58800000 - , ; ; GN -
0DD128 000800 58100000 39100000 48110518 47F10000 74620294 05213A6 15501500 16C44400 0 N 1 * F D
0DD148 000820 0E000000 34620000 00000000 00000000 00000000 00000000 00000000 00000000 0 - 0
0DD168 000840 0F740000 084647F0 05564110 00000000 04920552 47F00000 42100000 91E98000 0 / N K M N M / Y
0DD188 000860 95110000 47800000 95000000 47F00000 45700000 48500000 68000000 60000000 - / N M & +
0DD1A8 000880 61000000 68000000 1B116900 00764720 05844740 025F5814 61000000 10015910 - / N ; +
0DD1C8 000900 05F04700 058696F0 05A847F0 825A5100 80566000 8C766000 0A086000 00000000 - F N N ; E +
0DD1E8 000920 43100000 45600000 60000000 60000000 45700000 02000000 0A140000 09A20000 P / - - R B P B
0DD208 000940 70000000 09860000 09A050F4 91000000 47800000 00000000 04524110 81466000 / - 4 0 K 0
0DD228 000960 80000000 06481810 43100000 89100000 41110690 02000000 J 000000 81744100 0 0 / 0 K : E
0DD248 000980 00000000 00000000 47800000 5EF21100 41700000 47F00000 05FF2210 47F00000 N 0 0 0
0DD268 001000 58F0017A 15E00000 7F200000 04047A00 40500000 05094000 05E54000 43400000 : 0 COMM: ENTER FNV T
0DD288 001020 407E4000 40400000 40400000 40400000 40400000 40400000 40400000 40400000 = = RE
0DD2AB 001040 01E20000 407E4000 40500000 403C9000 05400000 03E40000 403C0000 407E4000 ASCN = ENV TIME RETURN CDU X U
0DD2CB 001060 07C40000 05400000 403C0000 407E4000 07C40000 05400000 403C0000 407E4000 PRATE CDU Y UPDATE CDU Z U

```

* E	AGCEDIT GENFRATE	MAC	INPUT DATA	EYLES	DUPLICATE	LANDING
	PREREAD		CFDUMP			2.1
	READACCS		CFDUMP			2.1
	SERVOUT		DUMP	A	E7,1777	2.2
	PIPTIME		DPFILF			
	RN		DPFILF	VN +5		
	HCALC		DPFILF			
	MASS		DPFILF			
	/LAND/		DPFILF			
	IGNITION		CFDUMP			2.3
	IGNITION	+1	DUMP	REFSMMAT	REFSMMAT +17D	2.4
	REFSMMAT		DPFILF	REFSMMAT +21		
	EXGSUB		DUMP	A	E7,1777	3.1
	PIPTIME		DPFILF			
	TPIP		DPFILF			
	R		DPFILF	V +5		
	RGU		DPFILF	RGU +5		
	VGU		DPFILF	VGU +5		
	LAND		DPFILF	LAND +5		
	TTF/P		DPFILF			
	/AFC/		DPFILF			
	UNFC/2		DPFILF	UNFC/2 +5		
	UNWC/2		DPFILF	UNWC/2 +5		
	CG		DPFILF	CG +21		
	GDUMP1		DUMP	A	E7,1777	3.1
	PIPTIME		DPFILF			
	TPIP		DPFILF			
	R		DPFILF	V +5		
	RGU		DPFILF	RGU +5		
	VGU		DPFILF	VGU +5		
	LAND		DPFILF	LAND +5		
	TTF/8		DPFILF			
	/AFC/		DPFILF			
	UNFC/2		DPFILF	UNFC/2 +5		
	UNWC/2		DPFILF	UNWC/2 +5		
	CG		DPFILF	CG +21		
	WHATEXIT -1		DUMP	MODREG		3.2
	MODREG		SPFILE			
	WHATEXIT		DUMP	MODREG		3.3
	MDDREG		SPFILE			
	WHATEXIT +1		DUMP	MODREG		3.6
	MDDREG		SPFILF			
	AFTRGUID +2		DUMP	MODREG		3.9
	MODREG		SPFILE			
	ENDLLJOB		DUMP	A	E7,1777	4.1
	MDDREG		SPFILE			
	NVWORD +2		SPFILE			
	HCALC		DPFILF			
	HDDTISP		DPFILF			
	TTFDISP		DPFILF			
	RANGEDSP		DPFILF			
	ABVEL		DPFILF			
	FUNNYDSP		SPFILF	FUNNYDSP +1		
	VHORIZ		DPFILF			
	DELTAH		DPFILF			
	THDUMP		DUMP	A	E7,1777	5.1

MASS	DPFILE					
FWEIGHT	SPFILE					
FCOLD	SPFILE					
/AFC/	DPFILE					
FP	SPFILE					
FC	SPFILE					
PIF	SPFILE					
PIFPSET	SPFILE					
PSEUDD55	SPFILE					
AFDUMP	DUMP	A	L	5.2		
A	DPFILE					
+AZ	DUMP				INVALID PIDFID IDENTIFIER	CARD IGNDRED
-AZ	DUMP				INVALID PIDFID IDENTIFIER	CARD IGNDRED
-EL	DUMP				INVALID PIDFID IDENTIFIER	CARD IGNORED
+EL	DUMP				INVALID PIDFID IDENTIFIER	CARD IGNDRED
READACCS	CFDUMP			6.1		
READACCS +1	DUMP	E6,I400	E6,1777	6.2		
CDUXD	2SCFILE	CDUZD				
OMEGAPD	SPFILE	OMEGARD				
PIPASR	DUMP			10.1		
4DDD	DUMP			10.2		

\*\*\* NON-FATAL ERRORS IN INPUT DECK \*\*\*

END OF CARD INPUT - EDITING OUTPUT BEGINS ON FOLLDWING PAGE.



\*\*\*\*\*

PIPTIME: 3.6770000000 05

|||||  
P63: IGNALG  
|||||

TPIP: 3.6920960000 05

R AND RG

V AND VG

1.695570E7499 06 1.7059999999 03 -4.34409187499 05 4.21287631988 02 -4.66222763061 00 1.64165267944 03  
-4.04832499999 04 5.05724999999 03 -4.37889499999 05 4.22443389852 02 -4.60395812988 00 1.64616432189 03

LAND

TTF

CG

AFC

1.73605412499 06 -3.35124999999 03 3.48037499999 03 -5.89567387655 02 0.99 -0.00 0.00 4.95945336297 00  
0.00 0.99 0.02  
-0.00 -0.02 0.99

TRANSIENT 89.999

UNFC

UNWC

-2.83468319437 -01 -4.32083595688 -02 -9.58007698353 -01 -5.77350269189 -01 -5.77350269189 -01 -5.77350269189 -01

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PIPTIME: 3.6770000000 05

|||||  
P63: IGNALG  
|||||

TPIP: 3.6920960000 05

R AND RG

V AND VG

1.695570E7499 06 1.70599999999 03 -4.34409187499 05 4.18707036972 02 -5.05557060241 00 1.63293132781 03  
-4.13706249999 04 -4.92937499999 03 -4.37807999999 05 4.23153305053 02 3.28487396240 01 1.63627357482 03

LAND

TTF

CG

AFC

1.73605412499 06 -3.35124999999 03 3.48037499999 03 -5.90974838867 02 0.99 -0.00 0.00 4.89439349621 00  
0.00 0.99 0.02  
-0.00 -0.02 0.99

TRANSIENT 1.532

UNFC

UNWC

-2.71414095891 -01 -1.97174524905 -02 -9.62260677061 -01 -5.77350269189 -01 -5.77350269189 -01 -5.77350269189 -01

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PIPTIME: 3.6770000000 05

|||||  
P63: IGNALG  
|||||

TPIP: 3.6920960000 05

R AND RG

V AND VG

1.695570E7499 06 1.70599999999 03 -4.34409187499 05 4.18816804885 02 -4.84170913696 00 1.63289260864 03  
-4.13706249999 04 -4.75924999999 03 -4.37809874999 05 4.23262786865 02 3.24264526367 01 1.63624267578 03

LAND

TTF

CG

AFC

1.73605412499 06 -3.35124999999 03 3.48037499999 03 -5.90980971679 02 0.99 -0.00 0.00 4.89430265226 00  
0.00 0.99 0.02  
-0.00 -0.02 0.99

TRANSIENT 0.068

UNFC

UNWC

-2.71801422954 -01 -2.08460861532 -02 -9.62127552444 -01 -5.77350269189 -01 -5.77350269189 -01 -5.77350269189 -01

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|||||

PIPTIME: 3.6770000000 05

P63: IGNALG  
|||||

TPIP: 3.69210670000 05

	R AND RG				V ANO VG		
1.69603293749	06	1.69749999999	03	-4.32651937459	05	4.17157030105	02
-4.09049999999	04	-4.79774999999	03	-4.36048249999	05	4.21599197387	02
						3.26862335205	01
							1.63331909179
							03
							1.63666877746
							03

	LANO		TTF		CG		AFC
1.73605412499	06	-3.35137499999	03	3.47549999999	03	-5.89115322265	02
						0.99 -0.00 0.00	4.91601414978
						0.00 0.99 0.02	00
						-0.00 -0.02 0.99	
	TRANSIENT	0.048					

	UNFC		UNWC				
-2.72607327712	-01	-2.08795566824	-02	-9.61898793527	-01	-5.77350269189	-01
						-5.77350269189	-01
							-5.77350269189
							-01

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PIPTIME: 3.6770000000 05

|||||  
P63: IGNALG  
|||||

TPIP: 3.69210670000 05

	R AND RG				V ANO VG		
1.69603293749	06	1.69749999999	03	-4.32651937459	05	4.17149686813	02
-4.09038749999	04	-4.83424999999	03	-4.36047999999	05	4.21587371826	02
						3.28231811523	01
							1.63332114219
							03
							1.63666915893
							03

	LANO		TTF		CG		AFC
1.73605412499	06	-3.35137499999	03	3.47549999999	03	-5.89114814453	02
						0.99 -0.00 0.00	4.91600483655
						0.00 0.99 0.02	00
						-0.00 -0.02 0.99	
	TRANSIENT	0.004					

	UNFC		UNWC				
-2.72586770197	-01	-2.07969721755	-02	-9.61906408473	-01	-5.77350269189	-01
						-5.77350269189	-01
							-5.77350269189
							-01

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PIPTIME: 3.6770000000 05

|||||  
P63: IGNALG  
|||||

TPIP: 3.69210670000 05

	R AND RG				V ANO VG		
1.69603293749	06	1.69749999999	03	-4.32651937459	05	4.17149877548	02
-4.09038749999	04	-4.83399999999	03	-4.36047999999	05	4.21587371826	02
						3.28231811523	01
							1.63332109451
							03
							1.63666915893
							03

	LANO		TTF		CG		AFC
1.73605412499	06	-3.35137499999	03	3.47549999999	03	-5.89114814453	02
						0.99 -0.00 0.00	4.91600483655
						0.00 0.99 0.02	00
						-0.00 -0.02 0.99	
	TRANSIENT	0.000					

	UNFC		UNWC				
-2.72586760998	-01	-2.07985940188	-02	-9.61906376013	-01	-5.77350269189	-01
						-5.77350269189	-01
							-5.77350269189
							-01

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	COUTIME		COUX		COUY		COUZ		OMEGAX		OMEGAY		OMEGAZ		ACTUAL
ATTITUDE:	369156.76	-	1.2854		105.9191	-	0.0659		0.0042	-	0.0016		0.0088		
	369156.76	-	1.3842		105.8203	-	1.1975		0.0000		0.0000		0.0000		DESIREO

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369156.759	+15140.00	+ 978515.9	+ 1335567.9	+ 567809.9	+1404.43	- 869.48	- 379.41	+ 14284.31
ENV	369156.759	+15152.87	+ 978479.0	+ 1333285.5	+ 573302.7	+1404.44	- 870.27	- 377.79	+ 14295.61
ERR	0.000	12.87	36.9	2282.4	5492.7	0.01	0.78	1.61	11.29

AGC	IN POUNDS	+33377.64	+ 3210354.3	+ 4381784.7	+ 1862893.7	+4607.71	-2852.63	-1244.79	+ 46864.54
ENV	AND FOOTS	+33406.03	+ 3210233.0	+ 4374296.4	+ 1880914.4	+4607.76	-2855.21	-1239.48	+ 46901.61

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	CDUTIME	CDUX	COUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369158.76	- 1.2854	105.9191	- 0.0439	- 0.0042	- 0.0016	0.0088	
	369158.76	- 1.3842	105.8203	- 1.1975	0.0000	0.0000	0.0000	DESIRED

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369158.759	+15140.00	+ 981323.9	+ 1333825.9	+ 567049.9	+1402.63	- 871.92	- 380.45	+ 14281.56
ENV	369158.759	+15152.87	+ 981286.0	+ 1331542.6	+ 572546.0	+1402.65	- 872.70	- 378.84	+ 14292.61
ERR	0.000	12.97	37.9	2283.3	5496.0	0.01	0.78	1.60	11.05

AGC	IN POUNDS	+33377.64	+ 3219566.9	+ 4376069.5	+ 1860400.2	+4601.81	-2860.63	-1248.20	+ 46855.52
ENV	AND FEET	+33406.03	+ 3219442.5	+ 4368578.1	+ 1878432.0	+4601.88	-2863.21	-1242.92	+ 46891.79

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	CDUTIME	CDUX	CDUY	CDUZ	OMEGAX	DMEGAY	OMEGAZ	ACTUAL	DESIRED
ATTITUDE:	369160.76	- 1.2963	105.9191	- 0.0329	- 0.0042	- 0.0016	0.0088		
	369160.76	- 1.3842	105.8203	- 1.1975	0.0000	0.0000	0.0000		

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	TIME	MASS		RN		VN	ALTIUOE
AGC	369160.759	+15140.00	+ 984127.9	+ 1332079.9	+ 566287.9	+1400.83 - 874.36 - 381.49	+ 14278.99
ENV	369160.759	+15152.87	+ 984089.6	+ 1329794.7	+ 571787.3	+1400.85 - 875.14 - 379.88	+ 14289.78
ERR	0.000	12.87	38.3	2295.2	5499.3	0.01 0.77 1.60	10.78
AGC	IN POUNDS	+33377.64	+ 3228766.4	+ 4370341.2	+ 1857900.2	+4595.92 -2868.65 -1251.61	+ 46847.11
ENV	AND FEET	+33406.03	+ 3228640.6	+ 4362843.5	+ 1875942.7	+4595.98 -2871.19 -1246.35	+ 46882.50

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ATTITUOE:	CDUTIME	CDUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	OESIRE
	369162.76	- 1.3073	105.9082	- 0.0109	- 0.0042	- 0.0016	0.0088		
	369162.76	- 1.3842	105.8203	- 1.1975	0.0000	0.0000	0.0000		

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	TIME	MASS		RN			VN			ALTITUDE
AGC	369162.759	+15140.00	+ 986927.9	+ 1330327.9	+ 565523.9	+1399.03	- 876.79	- 382.52	+ 14276.56	
ENV	369162.759	+15152.87	+ 986889.5	+ 1328042.0	+ 571026.5	+1399.05	- 877.57	- 380.93	+ 14287.12	
ERR	0.000	12.87	38.4	2285.9	5502.5	0.01	0.77	1.59	10.55	
AGC	IN PCUNDS	+33377.64	+ 3237952.7	+ 4364593.1	+ 1855393.7	+4590.02	-2876.61	-1255.00	+ 46839.11	
ENV	AND FEET	+33406.03	+ 3237826.5	+ 4357093.3	+ 1873446.6	+4590.07	-2879.17	-1249.78	+ 46873.75	

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ATTITUDE:	COUTIME	COUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
	369164.76	- 1.3183	105.9082	0.0109	- 0.0042	- 0.0016	0.0088	
	369164.76	- 1.3842	105.8203	- 1.1975	0.0000	0.0000	0.0000	DESIREO

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	TIME	MASS		RN		VN		ALTITUDE			
AGC	369164.759	+15140.00	+	989723.9	+ 1328571.9	+ 564757.9	+1397.22	- 879.22	- 383.55	+ 14274.31	
ENV	369164.759	+15152.87	+	989685.8	+ 1326284.4	+ 570263.6	+1397.24	- 879.99	- 381.97	+ 14284.61	
ERR	0.000	12.87		38.1	2287.5	5505.6		0.02	0.77	1.57	10.30
AGC	IN POUNDOS	+33377.64	+	3247125.9	+ 4358832.0	+ 1852880.5	+4584.07	-2884.59	-1258.37	+ 46831.73	
ENV	AND FOOTS	+33406.03	+	3247000.8	+ 4351326.9	+ 1870943.5	+4584.14	-2887.13	-1253.21	+ 46865.53	

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	CDUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRE
ATTITUDE:	369166.76	- 1.3293	105.9082	0.0219	- 0.0042	- 0.0016	0.0088		
	369166.76	- 1.3842	105.8203	- 1.1975	0.0000	0.0000	0.0000		

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	TIME	MASS		RN			VN			ALTITUDE	
AGC	369166.759	+15140.00	+	992515.9	+ 1326811.9	+ 563989.9	+1395.41	- 881.65	- 384.58	+ 14272.18	
ENV	369166.759	+15152.87	+	992478.5	+ 1324522.0	+ 569498.6	+1395.43	- 882.42	- 383.02	+ 14282.27	
ERR	0.000	12.87		37.4	2289.9	5508.6		0.01	0.76	1.56	10.08
AGC	IN POUNDS	+33377.64	+	3256286.0	+ 4353057.7	+ 1850360.8	+4578.13	-2892.58	-1261.77	+ 46824.76	
ENV	AND FOOTS	+33406.03	+	3256163.0	+ 4345544.7	+ 1868433.7	+4578.19	-2895.08	-1256.63	+ 46657.85	

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ATTITUDE:	CDUTIME	COUX	CDUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
	369168.76	- 1.3293	105.9082	0.0439	- 0.0042	- 0.0016	0.0088	
	369168.76	- 1.3842	105.8203	- 1.1975	0.0000	0.0000	0.0000	DESIRED

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	TIME	MASS			RN			VN		ALTITUDE	
AGC	369168.759	+15140.00	+	995305.9	+ 1325045.9	+ 563219.9		+1393.59	- 884.08	- 385.62	+ 14270.24
ENV	369168.759	+15152.87	+	995267.5	+ 1322754.7	+ 568731.5		+1393.61	- 884.84	- 384.06	+ 14280.09
ERR	0.000	12.87		38.4	2291.2	5511.5		0.02	0.76	1.55	9.84
AGC	IN POUNDS	+33377.64	+	3265439.6	+ 4347263.7	+ 1847834.6		+4572.15	-2900.52	-1265.15	+ 46818.40
ENV	AND FEET	+33406.03	+	3265313.5	+ 4339746.6	+ 1865917.0		+4572.23	-2903.03	-1260.04	+ 46850.70

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	CDUTIME	CDUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	
ATTITUDE:	369170.76	- 1.3403	105.8972	0.0549	- 0.0042	- 0.0016	0.0088	ACTUAL
	369170.76	- 1.3842	105.8203	- 1.1975	0.0000	0.0000	0.0000	DESIREO

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	TIME	MASS		RN				VN			ALTITUOE
AGC	369170.759	+15140.00	+	998089.9	+ 1323275.9	+ 562447.9		+1391.78	- 886.50	- 386.65	+ 14268.37
ENV	369170.759	+15152.87	+	998052.9	+ 1320982.6	+ 567962.3		+1391.79	- 887.26	- 385.10	+ 14278.07
ERR	0.000	12.87		37.0	2293.3	5514.3		0.01	0.75	1.54	9.70

AGC	IN PCUNOS	+33377.64	+	3274573.4	+ 4341456.6	+ 1845301.8		+4566.20	-2908.47	-1268.54	+ 46812.25
ENV	AND FOOTS	+33406.03	+	3274452.0	+ 4333932.6	+ 1863393.5		+4566.25	-2910.96	-1263.45	+ 46844.08

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	COUTIME		CDUX		COUY		CDUZ		OMEGAX		OMEGAY		OMEGAZ		ACTUAL
ATTITUOE:	369172.76	-	1.3513		105.8972		0.0769	-	0.0042	-	0.0016		0.0088		
	369172.76	-	1.3842		105.8203	-	1.1975		0.0000		0.0000		0.0000		OESIREO

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369172.759	+15140.00	+ 1000871.9	+ 1321499.9	+ 561673.9	+1389.94	- 888.91	- 387.68	+ 14266.74
ENV	369172.759	+15152.87	+ 1000834.7	+ 1319205.7	+ 567191.1	+1389.96	- 889.67	- 386.13	+ 14276.22
ERR	0.000	12.87	37.2	2294.2	5517.1	0.02	0.75	1.54	9.47
AGC	IN POUNDS	+33377.64	+ 3283700.7	+ 4335629.9	+ 1842762.4	+4560.19	-2916.39	-1271.91	+ 46806.92
ENV	AND FOOTS	+33406.03	+ 3283578.5	+ 4328102.7	+ 1860863.2	+4560.26	-2918.88	-1266.86	+ 46837.99

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	COUIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369174.76	- 1.3623	105.8972	0.0988	- 0.0042	- 0.0016	0.0088	OESIREO
	369174.76	- 1.3842	105.8203	- 1.1975	0.0000	0.0000	0.0000	

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369174.759	+15140.00	+ 1003649.9	+ 1319719.9	+ 560895.9	+1388.10	- 891.33	- 388.69	+ 14265.24
ENV	369174.759	+15152.87	+ 1003612.8	+ 1317423.9	+ 566417.8	+1388.13	- 892.08	- 387.17	+ 14274.52
ERR	0.000	12.87	37.1	2296.0	5521.8	0.02	0.75	1.52	9.27

AGC	IN POUNDS	+33377.64	+ 3292814.9	+ 4329790.0	+ 1840209.9	+4554.16	-2924.32	-1275.26	+ 46802.00
ENV	AND FEET	+33406.03	+ 3292693.0	+ 4322257.1	+ 1858326.1	+4554.24	-2926.79	-1270.26	+ 46832.44

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	COUTIME	CDUX	CDUY	COUZ	CMGAX	CMGAY	CMGAZ	ACTUAL
ATTITUDE:	369176.76	- 1.3623	105.8862	0.1098	- 0.0042	- 0.0016	0.0088	
	369176.76	- 1.3842	105.8203	- 1.1975	0.0000	0.0000	0.0000	OESIREO

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369176.759	+15140.00	+ 1006423.9	+ 1317933.9	+ 560117.9	+1386.28	- 893.74	- 389.72	+ 14263.93	
ENV	369176.759	+15152.87	+ 1006387.3	+ 1315637.3	+ 565642.3	+1386.29	- 894.49	- 388.21	+ 14272.99	
ERR	0.000	12.87	36.6	2296.6	5524.3	0.01	0.74	1.51	9.06	
AGC	IN POUNDS	+33377.64	+ 3301916.0	+ 4323930.4	+ 1837657.4	+4548.16	-2932.24	-1278.62	+ 46797.69	
ENV	AND FEET	+33406.03	+ 3301795.8	+ 4316395.4	+ 1855782.1	+4548.21	-2934.69	-1273.66	+ 46827.42	

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	CDUTIME	CDUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRE
ATTITUDE:	369176.76	- 1.3732	105.8642	0.1718	- 0.0041	- 0.0343	0.0165		
	369176.76	- 1.3842	105.8203	- 1.1975	0.0000	0.0000	0.0000		

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	TIME	MASS		RN		VN	ALTITUDE
AGC	369178.759	+15140.00	+ 1009195.9	+ 1316143.9	+ 559337.9	+1384.37 - 896.11 - 390.73	+ 14262.81
ENV	369178.759	+15152.38	+ 1009157.9	+ 1313846.0	+ 564864.9	+1384.39 - 896.85 - 389.22	+ 14271.63
ERR	0.000	12.38	38.0	2297.9	5526.9	0.01 0.74 1.50	8.82

AGC	IN POUNDS	+33377.64	+ 3311010.4	+ 4318057.7	+ 1835098.4	+4541.90 -2940.00 -1281.93	+ 46794.00
ENV	AND FOOTS	+33404.95	+ 3310885.7	+ 4310518.4	+ 1853231.5	+4541.96 -2942.44 -1276.99	+ 46822.94

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	CDUTIME	COUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369180.76	- 1.3842	105.7543	0.1757	- 0.0044	- 0.0615	0.0099	DESIRED
	369180.76	- 1.3842	105.8203	- 1.1975	0.0000	0.0000	0.0000	

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369180.759	+15140.00	+ 1011961.9	+ 1314349.9	+ 558555.9	+1282.44	- 898.45	- 391.73	+ 14261.81
ENV	369180.759	+15151.72	+ 1011924.8	+ 1312049.9	+ 564085.5	+1382.45	- 899.20	- 390.23	+ 14270.43
ERR	0.000	11.72	37.1	2300.0	5529.5	0.01	0.74	1.49	8.62
AGC	IN POUNDS	+33377.64	+ 3320085.3	+ 4312171.9	+ 1832532.8	+4535.57	-2947.69	-1285.21	+ 46790.72
ENV	AND FEET	+33403.49	+ 3319963.3	+ 4304625.9	+ 1850674.2	+4535.62	-2950.13	-1280.29	+ 46819.01

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	COUTIME	CDUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369182.76	- 1.3952	105.6005	0.1977	- 0.0056	- 0.0602	- 0.0253	DESIREO
	369182.76	- 1.3842	105.8203	- 1.1975	0.0000	0.0000	0.0000	

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369182.759	+15140.00	+ 1014725.9	+ 1312549.9	+ 557769.9	+1380.49	- 900.80	- 392.73	+ 14261.06
ENV	369182.759	+15151.06	+ 1014687.9	+ 1310249.2	+ 563304.0	+1380.52	- 901.54	- 391.24	+ 14269.39
ERR	0.000	11.06	38.1	2300.7	5534.0	0.02	0.73	1.48	8.33

	IN POUNDS								
AGC	+33377.64	+ 3329153.5	+ 4306266.4	+ 1829954.0	+4529.19	-2955.39	-1288.48	+ 46788.26	
ENV	AND FEET	+33402.03	+ 3329028.3	+ 4298717.9	+ 1848110.3	+4529.26	-2957.81	-1283.60	+ 46815.61

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AGC AND ENVIRONMENT REFSMMATS AT IGNITION, TIME = \$\$\$\$.\$\$\$

7.80309997498	-01	5.76250001788	-01	2.42990002036	-01	7.80310555057	-01	5.76254333418	-01	2.42994610811	-01
0.0		-3.93780000507	-01	9.19189997017	-01	4.55962540724	-03	-3.93779319279	-01	9.19193699676	-01
6.25370003283	-01	-7.17249996960	-01	-3.07269997894	-01	6.25375605122	-01	-7.16148581597	-01	-3.09897663056	-01

	CDUTIME	COUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369184.76	- 1.4062	105.4357	0.1647	- 0.0055	- 0.1040	- 0.0151	
	369184.76	- 1.3842	105.8203	- 1.1975	0.0000	0.0000	0.0000	DESIREO

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	TIME	MASS		RN		VN		ALTITUDE
AGC	369184.759	+15140.00	+ 1017483.9	+ 1310745.9	+ 556983.9	+1378.55	- 903.13	+ 14260.37
ENV	369184.759	+15150.40	+ 1017446.8	+ 1308443.8	+ 562520.5	+1378.57	- 903.87	+ 14268.52
ERR	0.000	10.40	37.1	2302.1	5536.5	0.02	0.74	8.15
AGC	IN POUNDS	+33377.64	+ 3338202.0	+ 4300347.7	+ 1827375.3	+4522.82	-2963.05	+ 46786.00
ENV	AND FEET	+33400.58	+ 3338080.3	+ 4292794.6	+ 1845539.8	+4522.89	-2965.48	+ 46812.75

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	TIME	MODE	VERBNOUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	OELTAF
DISPLAYS:	369185.27	63	6 62	46786	- 8	- 9 49	2365	55592	99 27	53707	99999

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	CDUTIME	CDUX	COUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369186.76	- 1.4282	105.9082	- 0.5932	- 0.0215	0.4409	- 0.5707	
	369186.76	- 1.3842	105.8203	- 1.1975	0.0000	0.0000	0.0000	DESIRED

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369186.759	+15140.00	+ 1020239.9	+ 1308937.9	+ 556195.9	+1376.64	- 905.52	- 394.77	+ 14259.87
ENV	369186.759	+15150.16	+ 1020202.1	+ 1306633.6	+ 561734.9	+1376.66	- 906.26	- 393.30	+ 14267.77
ERR	0.000	10.16	37.8	2304.3	5538.9	0.02	0.73	1.46	7.90

AGC	IN POUNDS	+33377.64	+ 3347244.0	+ 4294416.0	+ 1824790.0	+4516.55	-2970.89	-1295.19	+ 46784.36
ENV	AND FEET	+33400.06	+ 3347119.8	+ 4286855.9	+ 1842962.5	+4516.62	-2973.29	-1290.37	+ 46810.28

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	TIME	MODE	VERBNDUN	H	HOOT	TTF	RANGE	ARVEL	TTF LPO	VHORIZ	DELTA
DISPLAYS:	369187.27	63	6 63	46784	- 7	- 9 49	2365	55591	99 27	53707	99999

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	COUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369188.76	- 1.4611	106.5783	- 1.7138	- 0.0205	0.2004	- 0.5094	
	369188.76	- 1.3842	105.8203	- 1.1975	0.0000	0.0000	0.0000	OESIREO

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369188.759	+15138.15	+ 1022989.9	+ 1307123.9	+ 555405.9	+1374.33	- 907.62	- 395.66	+ 14259.49
ENV	369188.759	+15147.29	+ 1022953.2	+ 1304819.0	+ 560947.4	+1374.36	- 908.35	- 394.21	+ 14267.16
ERR	0.000	9.14	36.7	2304.9	5541.4	0.02	0.72	1.45	7.66
AGC	IN POUNDS	+33373.56	+ 3356266.4	+ 4288464.5	+ 1822198.1	+4508.98	-2977.78	-1298.12	+ 46783.13
ENV	AND FEET	+33393.72	+ 3356145.8	+ 4280902.2	+ 1840378.7	+4509.06	-2980.15	-1293.34	+ 46808.28

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	TIME	MODE	VERBNOUN	H	HDDT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
DISPLAYS:	369189.27	63	6 63	46783	- 4	- 9 49	2365	55573	99 27	53707	99999

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	COUTIME	COUX	CDUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369190.76	- 1.5051	105.8642	- 1.8017	- 0.0050	- 0.5635	0.0774	
	369190.76	- 1.3842	105.8203	- 1.1975	0.0000	0.0000	0.0000	DESIRE

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369190.759	+15135.37	+ 1025735.9	+ 1305307.9	+ 554613.9	+1371.93	- 909.61	- 396.50	+ 14259.31
ENV	369190.759	+15143.53	+ 1025699.5	+ 1303000.3	+ 560158.2	+1371.94	- 910.34	- 395.05	+ 14266.76
ERR	0.000	8.15	36.4	2307.6	5544.2	0.01	0.72	1.44	7.45

	IN PDUNDS	AND FDOTS	+33367.45	+ 3365275.5	+ 4282506.5	+ 1819599.7	+4501.09	-2984.31	-1300.86	+ 46782.52
ACC										
ENV			+33385.43	+ 3365156.1	+ 4274935.3	+ 1837789.3	+4501.14	-2986.70	-1296.11	+ 46606.98

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DISPLAYS:	TIME	MODE	VERBNOUN	H	HDOT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTA
	369191.28	63	6 63	46783	- 0	- 9 49	2365	55551	99 27	53707	99999

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ATTITUDE:	CDUTIME	CDUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRED
	369192.76	- 1.5490	104.5898	- 1.4392	0.0072	- 0.4452	0.4997		
	369192.76	- 1.3842	105.8203	- 1.1975	0.0000	0.0000	0.0000		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369192.759	+15132.60	+ 1028477.9	+ 1303485.9	+ 553819.9	+1369.47	- 911.62	- 397.35	+ 14259.37
ENV	369192.759	+15139.79	+ 1028441.0	+ 1301177.6	+ 559367.2	+1369.49	- 912.34	- 395.91	+ 14266.54
ERR	0.000	7.19	36.9	2308.3	5547.2	0.02	0.72	1.44	7.17
AGC	IN POUNDS	+33361.34	+ 3374271.6	+ 4276528.8	+ 1816994.7	+4493.03	-2990.89	-1303.65	+ 46782.72
ENV	ANO FDOTS	+33377.20	+ 3374150.5	+ 4268955.3	+ 1835194.2	+4493.10	-2993.27	-1298.92	+ 46806.25

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	TIME	MODE	VERBNDUN	H	HDOT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
DISPLAYS:	369193.28	63	6 63	46783	1	- 9 49	2365	55527	99 27	53707	99999

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	CDUTIME	CDUX	CDUY	COUZ	DMEGAX	OMEGAY	DMEGAZ	ACTUAL
ATTITUDE:	369194.76	- 1.5490	104.2712	- 0.9667	- 0.0051	- 0.0255	0.0889	
	369194.76	- 1.3842	105.8263	- 1.1975	0.0000	0.0000	0.0000	DESIRED

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	TIME	MASS	RN				VN			ALTITUOE
AGC	369194.759	+15129.83	+ 1031213.9	+ 1301659.9	+ 553023.9	+1367.01	- 513.61	- 398.23	+ 14259.49	
ENV	369194.759	+15136.03	+ 1031177.5	+ 1299350.9	+ 558574.4	+1367.03	- 914.33	- 396.80	+ 14266.44	
ERR	0.000	6.19	36.4	2305.0	5550.4	0.02	0.71	1.43	6.94	

AGC	IN POUNOS	+33355.23	+ 3383248.0	+ 4270538.0	+ 1814383.2	+4484.95	-2997.42	-1306.54	+ 46783.13
ENV	ANO FOOTS	+33368.89	+ 3383128.5	+ 4262562.4	+ 1832593.4	+4485.03	-2999.77	-1301.84	+ 46805.92

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	TIME	MODE	VFRBNOUN	H	HOOT	TTF	RANGE	ARVEL	TTF LPO	VHORIZ	OELTAH
DISPLAYS:	369195.27	63	6 63	46783	3	- 9 49	2365	55504	99 27	53707	99999

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	COUTIME	CDJX	COUJ	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUOE:	369196.76	- 1.5710	104.2272	- 0.8349	- 0.0057	- 0.0234	0.0493	
	369196.76	- 1.3842	105.8203	- 1.1975	0.0000	0.0000	0.0000	DESIRED

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369196.759	+15127.06	+ 1033945.9	+ 1299831.6	+ 552225.9	+1364.57	- 915.58	- 399.08	+ 14259.81
ENV	369196.759	+15132.33	+ 1033909.2	+ 1297520.3	+ 557780.0	+1364.59	- 916.30	- 397.65	+ 14266.51
ERR	0.000	5.26	36.7	2311.6	5554.0	0.01	0.71	1.42	6.69
AGC	IN POUNOS	+33349.12	+ 3392211.2	+ 4264540.6	+ 1811765.0	+4476.96	-3003.89	-1309.32	+ 46784.16
ENV	ANO FOOT5	+33360.73	+ 3392090.5	+ 4256956.3	+ 1829986.9	+4477.01	-3006.24	-1304.65	+ 46806.14

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	TIME	MODE	VERBNOUN	H	HOOT	TTF	RANGE	ASVEL	TTF LPD	VHORIZ	OELTAH
DISPLAYS:	369197.27	63	6 63	46784	6	- 9 49	2365	55481	99 27	53707	99999

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	COUTIME	CDUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369198.76	- 1.5820	104.1833	- 0.7580	- 0.0059	- 0.0176	0.0310	
	369198.76	- 1.3842	105.8233	- 1.1975	0.0000	0.0000	0.0000	DESIRED

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369198.759	+15124.29	+ 1036673.9	+ 1297997.9	+ 551427.9	+1362.12	- 917.55	- 399.91	+ 14260.24	
ENV	369198.759	+15128.63	+ 1036635.9	+ 1295685.7	+ 556983.8	+1362.14	- 918.27	- 398.50	+ 14266.76	
ERR	0.000	4.33	38.0	2312.2	5555.8	0.02	0.71	1.41	6.51	

AGC	IN POUNDS	+33343.02	+ 3401161.4	+ 4258523.6	+ 1809146.9	+4468.91	-3010.35	-1312.07	+ 46785.59
ENV	ANO FOOTS	+33352.58	+ 3401036.5	+ 4250937.4	+ 1827374.8	+4468.98	-3012.70	-1307.44	+ 46806.96

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	TIME	MODE	VERBNOUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
DISPLAYS:	369199.28	63	6 63	46786	9	- 9 49	2365	55458	99 27	53707	99999

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	COUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369200.76	- 1.5930	104.1613	- 0.7031	- 0.0060	0.0022	0.0168	
	369200.76	- 1.3842	105.8203	- 1.1975	0.0000	0.0000	0.0000	DESIREO

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369200.759	+15121.52	+ 1039393.9	+ 1296161.9	+ 550627.9	+1359.67	- 919.53	- 400.75	+ 14260.93
ENV	369200.759	+15124.93	+ 1039357.7	+ 1293847.2	+ 556185.9	+1359.69	- 920.23	- 399.35	+ 14267.18
ERR	0.000	3.41	36.2	2314.7	5557.9	0.02	0.70	1.40	6.24

AGC	IN POUNDS	+33336.91	+ 3410085.3	+ 4252499.9	+ 1806522.3	+4460.86	-3016.83	-1314.82	+ 46787.85
ENV	AND FEET	+33344.43	+ 3409966.4	+ 4244905.5	+ 1824757.2	+4460.93	-3019.15	-1310.22	+ 46808.35

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	TIME	MODE	VER8NOUN	H	FOOT	TTF	RANGE	A8VEL	TTF LPD	VHORIZ	DELTAH
OISPLAYS:	369201.27	63	6 63	46788	12	- 9 49	2365	55435	99 27	53707	99999

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	COUTIME	CDUX	COUY	COUZ	CMGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369202.76	- 1.6040	104.1943	- 0.6921	- 0.0063	0.0322	- 0.0018	
	369202.76	- 1.3842	105.8203	- 1.1975	0.0000	0.0000	0.0000	OESIED

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369202.759	+15118.75	+ 1042111.9	+ 1294319.9	+ 549823.9	+1357.21	- 921.48	- 401.60	+ 14261.74
ENV	369202.759	+15121.23	+ 1042074.7	+ 1292004.7	+ 555386.4	+1357.23	- 922.19	- 400.20	+ 14267.77
ERR	0.000	2.48	37.2	2315.2	5562.4	0.01	0.71	1.39	6.02

AGC	IN POUNDS	+33330.81	+ 3419002.6	+ 4246456.6	+ 1803884.5	+4452.80	-3023.25	-1317.58	+ 46790.51
ENV	AND FEET	+33336.28	+ 3418880.3	+ 4238860.8	+ 1822133.9	+4452.87	-3025.58	-1313.00	+ 46810.29

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	TIME	MODE	VER8NOUN	H	HDDT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
DISPLAYS:	369203.27	63	6 63	46791	15	- 9 49	2365	55411	99 27	53707	99999

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	CDUTIME	COUX	CDUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369204.76	- 1.6149	104.2822	- 0.7031	- 0.0064	0.0569	- 0.0114	
	369204.76	- 1.3842	105.8203	- 1.1975	0.0000	0.0000	0.0000	DESIRED

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369204.759	+15115.98	+ 1044823.9	+ 1292475.9	+ 549019.9	+1354.75	- 923.45	- 402.43	+ 14262.68
ENV	369204.759	+15117.54	+ 1044786.7	+ 1290158.4	+ 554585.1	+1354.77	- 924.15	- 401.04	+ 14268.52
ERR	0.000	1.55	37.2	2317.5	5565.1	0.01	0.70	1.38	5.83

AGC	IN POUNDS	+33324.70	+ 3427900.2	+ 4240406.8	+ 1801246.7	+4444.72	-3029.70	-1320.32	+ 46793.59
ENV	AND FEET	+33328.13	+ 3427777.9	+ 4232803.2	+ 1819505.2	+4444.79	-3032.01	-1315.77	+ 46812.74

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	TIME	MODE	VERBNOUN	H	FOOT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
DISPLAYS:	369205.28	63	6 63	46794	17	- 9 49	2365	55388	99 27	53707	99999

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	CDUTIME	CDUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369206.76	- 1.6259	104.4140	- 0.7580	- 0.0066	0.0709	- 0.0282	
	369206.76	- 1.3842	105.8203	- 1.1975	0.0000	0.0000	0.0000	DESIRE

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369206.759	+15113.22	+ 1047529.9	+ 1290625.9	+ 548215.9	+1352.28	- 925.41	- 403.27	+ 14263.87
ENV	369206.759	+15113.84	+ 1047493.8	+ 1288308.1	+ 553782.2	+1352.30	- 926.11	- 401.89	+ 14269.42
ERR	0.000	0.62	36.1	2317.8	5566.2	0.01	0.69	1.37	5.54

AGC	IN PDUNOS	+33318.60	+ 3436778.2	+ 4234337.2	+ 1798608.9	+4436.63	-3036.15	-1323.06	+ 46797.49
ENV	AND FDOTS	+33319.98	+ 3436659.4	+ 4226732.7	+ 1816870.8	+4436.68	-3038.43	-1318.54	+ 46815.68

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	TIME	MODE	VERBNOUN	H	HQDT	TTF	RANGE	A8VEL	TTF LPO	VHORIZ	DELTAH
DISPLAYS:	369207.32	63	6 63	46797	20	- 9 49	2365	55365	99 27	53707	99999

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	COUTIME	COUX	CDUY	COUZ	CMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUOE:	369208.76	- 1.6369	104.5788	- 0.8239	- 0.0067	0.0895	- 0.0329	DESIREO
	369208.76	- 1.3842	105.8203	- 1.1975	0.0000	0.0000	0.0000	

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369208.759	+15110.45	+ 1050231.9	+ 1288773.9	+ 547407.9	+1349.80	- 927.36	- 404.11	+ 14265.12
ENV	369208.759	+15110.14	+ 1050195.9	+ 1286453.9	+ 552977.6	+1349.82	- 928.07	- 402.73	+ 14270.45
ERR	0.000	0.30	36.0	2320.0	5569.6	0.02	0.70	1.37	5.32

ACC	IN POUNDS	+33312.50	+ 3445643.0	+ 4228261.1	+ 1795958.0	+4428.49	-3042.55	-1325.82	+ 46801.59
ENV	AND FEET	+33311.82	+ 3445524.7	+ 4220649.4	+ 1814231.0	+4428.56	-3044.85	-1321.31	+ 46819.06

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DISPLAYS:	TIME	MODE	VERBNOUN	H	HDDT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
	369209.27	63	6 63	46802	22	- 9 49	2365	55342	99 27	53707	99999

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THRDTITLE:	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369210.65	15110.45	0	0	0.0000	4.9160	- 3434	- 3434	0	4096	4096

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ATTITUDE:	CDUTIME	COUX	COUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTLAL	DESIRE
	369210.76	- 1.6479	104.7656	- 0.8898	- 0.0067	0.1022	- 0.0306		
	369210.76	- 1.3842	105.8203	- 1.1975	0.0000	0.0000	0.0000		

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369210.759	+15107.68	+ 1052929.9	+ 1286917.9	+ 546597.9	+ 1347.32	- 929.32	- 404.94	+ 14266.49	
ENV	369210.759	+15106.43	+ 1052893.1	+ 1284595.8	+ 552171.2	+ 1347.34	- 930.02	- 403.58	+ 14271.60	
ERR	0.000	1.25	36.8	2322.1	5573.2	0.01	0.69	1.36	5.10	

	IN POUNDS	ANO FOOTS	+ 3454494.7		+ 4222171.9	+ 1793300.5	+ 4420.36	-3048.97	-1328.54	+ 46806.10
AGC		+33306.40								
ENV		+33303.64	+ 3454373.9	+ 4214553.2	+ 1811585.5	+ 4420.41	-3051.25	-1324.08	+ 46822.85	

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PIPTIME: 3.6921076000 05 P63: BRAKQUAD TP IP: 3.6921076000 05

R AND RG				V ANO VG							
1.69603718749	06	1.70618749999	03	-4.32551562499	05	4.17392492294	02	-4.78014945983	00	1.63364539146	03
-4.08994999999	04	-4.82324999999	03	-4.35947499999	05	4.21830368041	02	3.29021453857	01	1.63699111938	03

LANO				TTF				CG			AF	
1.73605412499	06	-3.35137499999	03	3.47512499999	03	-5.88963427734	02	0.99	-0.00	0.00	4.92067076265	00
								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

UNFC				UNWC							
-2.73059415850	-01	-2.11274919564	-02	-9.61765139989	-01	9.68982839736	-01	9.74781805394	-04	-2.47126093515	-01

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	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFSET	REG55
THROTTLE:	369211.87	15107.68	2718	3467	0.3499	4.9206	421	5932	3046	4096	7142

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	TIME	MODE	VERBNOUN	H	FOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	OELTAH
OISPLAYS:	369212.18	63	6 63	46806	24	- 9 49	2364	55319	99 78	53717	99999

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	COUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369212.76	- 1.6589	105.0073	- 1.0327	- 0.0076	0.1644	- 0.1083	
	369212.76	- 1.3842	105.8862	- 1.1975	0.0000	0.1867	- 0.0988	OESIREO

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369212.759	+15087.39	+ 1055619.9	+ 1285057.9	+ 545787.9	+1342.13	- 929.36	- 405.00	+ 14268.06
ENV	369212.759	+15084.90	+ 1055583.4	+ 1282735.2	+ 551363.8	+1342.15	- 930.06	- 403.63	+ 14272.88
ERR	0.000	2.48	36.5	2322.7	5575.8	0.01	0.70	1.36	4.82

	IN PCUNOS	+33261.67	+ 3463320.2	+ 4216069.5	+ 1790643.0	+4403.33	-3049.08	-1328.74	+ 46811.22
AGC									
ENV	ANO FOOTS	+33256.19	+ 3463200.1	+ 4208448.8	+ 1808936.5	+4403.39	-3051.38	-1324.26	+ 46827.05

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PIPTIME: 3.69212760000 05 P63: BRAKQUAO TPIP: 3.69212760000 05  

R AND RG				V ANO VG							
1.69686787499	06	1.69656249999	03	-4.29287499999	05	4.13307476043	02	-4.83527183532	00	1.63044185638	03
-4.00619999999	04	-4.80487499999	03	-4.32676124999	05	4.17729949951	02	3.29460144042	01	1.63379669189	C3

LANO				TTF				CG			AF	
1.73605412499	06	-3.35149999999	03	3.46599999999	03	-5.86093100585	02	0.99	-0.00	0.00	4.93233790621	00
								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

UNFC				UNWC							
-2.69928229304	-01	-2.11838867260	-02	-9.62647388178	-01	9.69456588867	-01	9.69283280912	-04	-2.45261050294	-01

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	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSSET	REG55
THROTTLE:	369213.87	15087.39	0	5191	2.0545	4.9323	5191	5938	0	4096	4096

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	TIME	MODE	VERBNOUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	OELTAH
OISPLAYS:	369214.18	63	6 63	46811	26	- 9 46	2346	55184	99 78	53613	99999

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	COUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369214.76	- 1.6589	105.7873	- 1.6149	- 0.0121	0.7028	- 0.4438	
	369214.76	- 1.3842	106.1059	- 1.2634	0.0000	0.1647	- 0.1208	DESIREO

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	TIME	MASS		RN		VN		ALTIUOE
AGC	369214.759	+15058.85	+	1058297.9	+ 1283199.9	+ 544977.9	+1335.59	- 928.48 - 404.71   + 14269.62
ENV	369214.759	+15055.72	+	1058261.1	+ 1280875.9	+ 550556.8	+1335.60	- 929.18 - 403.34   + 14274.25
ERR	0.000	3.12		36.8	2324.0	5578.8		0.01 0.69 1.36   4.63

AGC	IN POUNOS	+33198.74	+	3472106.2	+ 4209973.7	+ 1787985.5	+4381.85	-3046.22 -1327.79   + 46816.35
ENV	ANO FOOTS	+33191.84	+	3471985.5	+ 4202348.9	+ 1806288.9	+4381.92	-3048.50 -1323.31   + 46831.55

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PIPTIME:	3.6921476000	05		P63: 8RAKQUAO	TPIP:	3.6921476000	05

	R AND RG		V AND VG
1.69768953749	06	1.68681249999	03 -4.26031437499 05 4.08771133422 02 -4.93030548095 00 1.62563333511 03
-3.92312499999	04	-4.78912499999	03 -4.29412874999 05 4.13166809082 02 3.29235076904 01 1.62900161743 03

	LANO		TTF		CG		AFC
1.73605412499	06	-3.35162499999	03 3.45687499999 03 -5.83461713867 02 0.99 -0.00 0.00 4.93268715217 00				

	UNFC		UNWC
-2.64841139293	-01	-2.10599037787	-02 -9.64062057852 -C1 9.69925375278 -01 9.63710235140 -04 -2.43400570363 -01

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	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369215.80	15058.85	0	3465	2.8843	4.9326	3465	5927	0	4096	4096

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	TIME	MODE	VERBNOUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
DISPLAYS:	369216.16	63	6 63	46816	26	- 9 43	2328	54994	99 78	53455	99999

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	COUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRED
ATTITUDE:	369216.76	- 1.6259	107.2595	- 2.1533	0.0042	0.4028	0.2560		
	369216.76	- 1.3842	106.2487	- 1.4062	0.0000	0.0109	- 0.0329		

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369216.759	+15030.35	+ 1060961.9	+ 1281343.9	+ 544169.9	+1328.98	- 927.66	- 404.49	+ 14271.12	
ENV	369216.759	+15026.45	+ 1060925.8	+ 1279018.4	+ 549750.3	+1329.00	- 928.36	- 403.12	+ 14275.50	
ERR	0.000	3.90	36.1	2325.5	5580.3	0.02	0.70	1.36	4.37	

	IN POUNDS	AND FDDTS	+ 3480846.4	+ 4203884.5	+ 1785334.6	+4360.17	-3043.50	-1327.09	+ 46821.27
ACC									
ENV			+ 3480727.7	+ 4196254.6	+ 1803643.0	+4360.25	-3045.80	-1322.59	+ 46835.63

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PIPTIME: 3.69216760000 05 P63: BRAKQUAD TPIP: 3.69216760000 05  

R AND RG				V AND VG							
1.69850287499	06	1.67681249999	03	-4.22784937499	05	4.04143238067	02	-5.07516860961	00	1.62083888053	03
-3.84094999999	04	-4.75312499999	03	-4.26159249999	05	4.08512496948	02	3.27739715576	01	1.62422294616	03

LAND				TTF				CG			AF	
1.73605412499	06	-3.35174999999	03	3.44774999999	03	-5.80827402343	02	0.99	-0.00	0.00	4.93265222758	00
								0.00	0.99	0.02		

TRANSIENT 0.328

-0.00 -0.02 0.99

UNFC				UNWC							
-2.59317236135	-01	-2.07823317016	-02	-9.65568571222	-01	9.70389002218	-01	9.57995646929	-04	-2.41545578758	-01

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THRDTITLE:	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369217.81	15030.35	0	3459	2.8843	4.9326	3459	5916	0	4096	4096

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DISPLAYS:	TIME	MODE	VER	8NDUN	H	HDOT	TTF	RANGE	ABVEL	TTF	LPD	VHORIZ	DELTAH
	369218.16	63	6	63	46821	22	- 9 40	2311	54805	99	76	53299	99999

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ATTITUDE:	CDUTIME	CDUX	CDUY	CDUZ	DMEGAX	DMEGAY	DMEGAZ	ACTUAL	DESIRED
	369218.76	- 1.5930	107.8637	- 1.7687	0.0034	0.1708	0.1344		
	369218.76	- 1.3842	106.1718	- 1.4062	0.0000	- 0.1098	0.0000		

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369218.759	+15000.99	+ 1063613.9	+ 1279489.9	+ 543359.9	+1322.29	- 926.91	- 404.33	+ 14272.18	
ENV	369218.759	+14997.24	+ 1063577.1	+ 1277162.4	+ 548944.2	+1322.30	- 927.61	- 402.96	+ 14276.32	
ERR	0.000	3.74	36.8	2327.5	5584.2	0.01	0.70	1.36	4.14	

	IN POUNDS	AND FEET							
AGC	+33071.19	+ 3489547.2	+ 4197801.8	+ 1782677.1	+4338.22	-3041.04	-1326.56	+ 46824.76	
ENV	+33062.93	+ 3489426.3	+ 4190165.5	+ 1800998.3	+4338.28	-3043.35	-1322.07	+ 46838.35	

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PIPTIME:	3.69218760000	05		P63:	8RAKQUAO	TPIP:	3.69218760000	05

R AND RG				V AND VG							
1.69930643749	06	1.66649999999	03	-4.19547999999	05	3.99393892288	02	-5.24005889892	00	1.61606841087	03
-3.75972499999	04	-4.70099999999	03	-4.22915499999	05	4.03736877441	02	3.25424194335	01	1.61947059631	03

LAND				TTF				CG			AFC	
1.73605412499	06	-3.35187499999	03	3.43862499999	03	-5.78188940429	02	0.99	-0.00	0.00	4.93328552693	00
								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

UNFC				UNWC							
-2.53347166133	-01	-2.04749258796	-02	-9.67158720594	-01	9.70847501113	-01	9.52109685960	-04	-2.39696105659	-01

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369219.81	15000.99	0	3458	2.8893	4.9332	3458	5905	0	4096	4096

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OISPLAYS:	TIME	MODE	VERBNOUN	H	FDOT	TTF	RANGE	A8VEL	TTF LPO	VHORIZ	DELTAH
	369220.16	63	6 63	46825	12	- 9 38	2293	54616	99 76	53142	99999

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ATTITUDE:	COUIME	CDUX	COUY	CDU7	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
	369220.76	- 1.6040	107.7099	- 1.8347	- 0.0025	- 0.2463	- 0.0306	
	369220.76	- 1.3842	105.8752	- 1.4062	0.0000	- 0.3076	0.0329	OESIREO

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369220.759	+14971.69	+ 1066249.9	+ 1277635.9	+ 542551.9	+1315.58	- 926.16	- 404.18	+ 14272.56	
ENV	369220.759	+14968.01	+ 1066215.0	+ 1275307.9	+ 548138.5	+1315.59	- 926.87	- 402.80	+ 14276.52	
ERR	0.000	3.68	34.9	2328.0	5586.5	0.01	0.70	1.37	3.95	
ACC	IN FCUNDS	+33006.59	+ 3498195.5	+ 4191719.1	+ 1780026.2	+4316.21	-3038.61	-1326.05	+ 46825.99	
ENV	AND FDOTS	+32598.47	+ 3498080.8	+ 4184081.2	+ 1798354.7	+4316.25	-3040.92	-1321.53	+ 46838.97	

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PIPTIME: 3.6922076000 05  
 P63: BRAKQUAD  
 TPIP: 3.6922076000 05

R AND RG				V AND VG							
1.70010043749	06	1.65587499999	03	-4.16320624959	05	3.94623184204	02	-5.40494918823	00	1.61129202842	03
-3.67547459999	04	-4.64262499999	03	-4.19681499999	05	3.98939895629	02	3.22845458984	01	1.61471252441	03

LAND				TTF				CG			AFC	
1.73605424959	06	-3.35199999999	03	3.42549999999	03	-5.75550444335	02	0.99	-0.00	0.00	4.93397470563	00
TRANSIENT 0.361								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

UNFC				UNWC							
-2.47254659925	-01	-2.01754912054	-02	-9.68740461551	-01	9.71300902089	-01	9.46037473346	-04	-2.37852186480	-01

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369221.81	14971.69	0	3451	2.8893	4.9339	3451	5894	0	4096	4096

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OISPLAYS:	TIME	MOOE	VERBNOUN	H	HOOT	TTF	RANGE	A8VEL	TTF LPD	VHORIZ	DELTAH
	369222.16	63	6 63	46826	1	- 9 35	2275	54426	99 76	52986	99999

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ATTITUDE:	COUIME	COUX	COUY	COUZ	DMEGAX	DMEGAY	DMEGAZ	ACTUAL	OESIED
	369222.76	- 1.6259	107.0617	- 1.7687	- 0.0014	- 0.4032	0.0771		
	369222.76	- 1.3842	105.2819	- 1.4062	0.0000	- 0.4394	0.0769		

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369222.759	+14942.44	+ 1068875.9	+ 1275785.9	+ 541743.9	+1308.86	- 925.39	- 403.99	+ 14272.31	
ENV	369222.759	+14938.79	+ 1068839.5	+ 1273454.9	+ 547333.0	+1308.87	- 926.09	- 402.61	+ 14276.02	
ERR	0.000	3.65	36.4	2331.0	5589.0	0.01	0.70	1.38	3.70	
AGC	IN PCUNOS	+32942.12	+ 3506811.0	+ 4185649.6	+ 1777375.3	+4294.17	-3036.07	-1325.45	+ 46825.17	
ENV	ANO FOOTS	+32934.07	+ 3506691.2	+ 4178001.9	+ 1795712.2	+4294.22	-3038.37	-1320.92	+ 46837.34	

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PIPTIME: 3.69222760000 05  
 P63: BRAKQUAO  
 TPIP: 3.69222760000 05

R AND RG				V ANO VG												
1.70088493749	06	1.64493749999	03	-4.13102874999	05	3.89870577401	02	-5.55982589721	00	1.60647983551	03					
-3.60017499999	04	-4.58437499999	03	-4.16456749999	05	3.94161605834	02	3.20346832275	01	1.60991821289	03					
LANO				TTF				CG				AFC				
1.73605424999	06	-3.35212499999	03	3.42024999999	03	-5.72916748046	02	0.99	-0.00	0.00	4.93414001539	00				
								0.00	0.99	0.02						
								-0.00	-0.02	0.99						
UNFC				UNWC												
-2.41058128251	-01	-1.99043522790	-02	-9.70306547213	-01	9.71749235229	-01	9.39786423640	-04	-2.36013856865	-01					

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	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369223.81	14942.44	0	3457	2.8993	4.9341	3457	5883	0	4096	4096

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	TIME	MODE	VERBNOUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPO	VHCRIZ	OELTAH
OISPLAYS:	369224.16	63	6 63	46825	- 9	- 9 32	2257	54236	99 76	52829	99999

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	COUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369224.76	- 1.6589	106.0510	- 1.5270	- 0.0004	- 0.5762	0.1295	
	369224.76	- 1.3842	104.4799	- 1.3293	0.0000	- 0.3735	0.1098	OESIREO

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	TIME	MASS		RN		VN		ALTITUDE
AGC	369224.759	+14913.26	+ 1071485.9	+ 1273935.9	+ 540935.9	+1302.17	- 924.54 - 403.77	+ 14271.43
ENV	369224.759	+14909.58	+ 1071450.6	+ 1271603.5	+ 546528.0	+1302.19	- 925.25 - 402.38	+ 14274.88
ERR	0.000	3.67	35.3	2332.4	5592.0	0.01	0.71 1.38	3.45

	IN POUNDS							
AGC	+32877.77	+ 3515374.0	+ 4179580.0	+ 1774724.4	+4272.24	-3033.29	-1324.72	+ 46822.30
ENV	+32869.67	+ 3515258.0	+ 4171927.7	+ 1793071.0	+4272.29	-3035.62	-1320.17	+ 46833.62

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PIPTIME: 3.6922476000 05  
 P63: BRAKQUAO  
 TPIP: 3.6922476000 05

	R AND PG			V ANO VG							
1.70165959999	06	1.63368749999	03	-4.09894749999	05	3.85197353363	02	-5.70464134216	00	1.60162172317	03
-3.52179999999	04	-4.52937499999	03	-4.13241874999	05	3.89461517333	02	3.18042755126	01	1.60507812500	03

	LANO		TTF	CG		AFC				
1.73605424999	06	-3.35224999999	03	3.41112499999	03	-5.70289433593	02	0.99 -0.00 0.00	4.93456609547	00
								0.00 0.99 0.02		
		TRANSIENT	0.348					-0.00 -0.02 0.99		

	UNFC		UNWC								
-2.35147347336	-01	-1.96795215512	-02	-9.71760485650	-01	9.72192542183	-01	9.33356577327	-04	-2.34181104637	-01

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	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369225.81	14913.26	0	3462	2.9093	4.9345	3462	5872	0	4096	4096

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	TIME	MODE	VERBNOUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	OELTAF
OISPLAYS:	369226.16	63	6 63	46822	- 18	- 9 30	2240	54045	99 77	52670	99999

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	COUTIME	COUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369226.76	- 1.6918	104.8425	- 1.2524	- 0.0004	- 0.6018	0.1164	
	369226.76	- 1.3842	103.8208	- 1.1865	0.0000	- 0.3515	0.0219	DESIRE0

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	TIME	MASS		RN		VN		ALTITUDE
AGC	369226.759	+14884.12	+	1074083.9	+ 1272087.9	+ 540129.9	+1295.55 - 923.61 - 403.48	+ 14270.06
ENV	369226.759	+14880.37	+	1074048.3	+ 1269754.0	+ 545723.5	+1295.56 - 924.33 - 402.09	+ 14273.24
ERR	0.000	3.75		35.6	2333.9	5593.5	0.01 0.71 1.39	3.18
AGC	IN PCUNDS	+32813.55	+	3523897.6	+ 4173517.0	+ 1772080.0	+4250.49 -3030.23 -1323.76	+ 46817.79
ENV	ANO FOOTS	+32805.28	+	3523780.6	+ 4165859.5	+ 1790431.6	+4250.53 -3032.58 -1319.20	+ 46828.24

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PIPTIME: 3.6922676000 05 P63: BRAKQUAC TPIP: 3.6922676000 05

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P63: BRAKQUAC  
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R AND RG				V ANO VG							
1.70242581249	06	1.62218749999	03	-4.06696437499	05	3.80632257461	02	-5.81946372985	00	1.59671778678	03
-3.44436249999	04	-4.47737499999	03	-4.10036499999	05	3.84870147705	02	3.16135406494	01	1.60019035339	03

LANO				TTF				CG				AFC			
1.73605424999	06	-3.35237499999	03	3.40199999999	03	-5.67668349609	02	0.99	-0.00	0.00	4.93493629619	00	0.00	0.99	0.02
TRANSIENT 0.331								-0.00	-0.02	0.99					

UNFC				UNWC							
-2.29519410909	-01	-1.95341438061	-02	-9.73108039860	-01	9.72630838098	-01	9.26792609347	-04	-2.32354026938	-01

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	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369227.81	14884.12	0	3461	2.9143	4.9349	3461	5861	0	4096	4096

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	TIME	MODE	VERBNOUN	H	HDOT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
DISPLAYS:	369228.16	63	6 63	46818	- 25	- 9 27	2222	53853	99 78	52509	99999

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	COUTIME	COUX	COUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRED
ATTITUDE:	369228.76	- 1.7138	103.7219	- 1.2194	- 0.0030	- 0.5094	- 0.1024		
	369228.76	- 1.3842	103.2385	- 1.1865	0.0000	- 0.2526	0.0219		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369228.759	+14855.05	+ 1076667.9	+ 1270239.9	+ 539321.9	+1288.97	- 922.59	- 403.13	+ 14268.37
ENV	369228.759	+14851.16	+ 1076632.9	+ 1267906.3	+ 544919.7	+1288.98	- 923.31	- 401.73	+ 14271.27
ERR	0.000	3.88	35.0	2333.6	5597.7	0.01	0.71	1.39	2.90
AGC	IN POUNDS	+32749.44	+ 3532375.3	+ 4167454.0	+ 1769429.1	+4228.92	-3026.88	-1322.61	+ 46812.25
ENV	AND FOOTS	+32740.87	+ 3532260.3	+ 4159797.5	+ 1787794.3	+4228.96	-3029.24	-1318.03	+ 46821.77

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PIPTIME: 3.6922876000 05  
 P63: 8RAKQUAC  
 TPIP: 3.6922876000 05

R AND RG				V AND VG							
1.70318262499	06	1.61043749999	03	-4.03507937499	05	3.76175689697	02	-5.91435432434	00	1.59176807403	03
-3.36784999999	04	-4.43462499999	03	-4.06840999999	05	3.80387115478	02	3.14769744873	01	1.59525527954	03

LAND				TTF				CG			AFC	
1.73605424999	06	-3.35249999999	03	3.39287499999	03	-5.65053867187	02	0.99	-0.00	0.00	4.93625411763	00
TRANSIENT 0.307								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

UNFC				UNWC							
-2.24297316384	-01	-1.94366333674	-02	-9.74326911845	-01	9.73064167522	-01	9.20079639781	-04	-2.30532599292	-01

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THRDITLE:	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369229.81	14855.05	0	3460	2.9193	4.9362	3460	5851	0	4096	4096

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DISPLAYS:	TIME	MODE	VERBNOUN	H	HDDT	TTF	RANGE	A8VEL	TTF LPO	VHDRIZ	DELTAH
	369230.16	63	6 63	46812	- 29	- 9 25	2204	53662	99 79	52347	95999

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ATTITUDE:	CDUTIME	CDUX	CDUY	COUZ	DMEGAX	OMEGAY	DMEGAZ	ACTUAL
	369230.76	- 1.7358	103.0187	- 1.3073	- 0.0023	- 0.2063	- 0.0072	
	369230.76	- 1.3842	102.8759	- 1.1865	0.0000	- 0.1757	0.0000	DESIRE0

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369230.759	+14826.03	+ 1079239.9	+ 1268395.9	+ 538515.9	+1282.43	- 921.49	- 402.75	+ 14266.49
ENV	369230.759	+14821.94	+ 1079204.3	+ 1266060.8	+ 544116.6	+1282.45	- 922.21	- 401.35	+ 14269.12
ERR	0.000	4.08	35.6	2335.1	5600.6	0.01	0.71	1.40	2.62

	IN POUNDS	ANC FOOTS							
AGC	+32685.47	+ 3540813.6	+ 4161404.1	+ 1766784.7	+4207.47	-3023.27	-1321.38	+ 46806.10	
ENV	+32676.47	+ 3540696.5	+ 4153742.8	+ 1785159.6	+4207.52	-3025.62	-1316.78	+ 46814.71	

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PIPTIME: 3.6923076000 05

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P63: 8RAKQUAO  
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TPIP: 3.6923076000 05

R ANO RG

V ANO VG

1.70393062499	06	1.59849999999	03	-4.00329374999	05	3.71797752390	02	-6.01916313171	00	1.58677258491	03
-3.29219999999	04	-4.39824999999	03	-4.03655249999	05	3.75983047485	02	3.13533782558	01	1.59027442932	03

LAND

TTF

CG

AFC

1.73605424999	06	-3.35262499999	03	3.38374999999	03	-5.62445312499	02	0.99 -0.00 0.00	4.93590487167	00
								0.00 0.99 0.02		
								-0.00 -0.02 0.99		

TRANSIENT 0.302

UNFC

UNWC

-2.19145118762	-01	-1.92832960423	-02	-9.75501702415	-01	9.73497558768	-01	9.13254912912	-04	-2.28716864241	-01
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	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369231.87	14826.03	0	3465	2.9293	4.9359	3465	5839	0	4096	4096

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	TIME	MODE	VERBNOUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	OELTAH
DISPLAYS:	369232.19	63	6 63	46806	- 31	- 9 22	2187	53469	99 79	52184	99999

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	COUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369232.76	- 1.7468	102.8320	- 1.2524	- 0.0021	- 0.0785	0.0255	
	369232.76	- 1.3842	102.6562	- 1.1865	0.0000	- 0.1318	0.0000	CESIRE0

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369232.759	+14797.07	+ 1081797.9	+ 1266553.9	+ 537711.9	+1275.91	- 920.34	- 402.36	+ 14264.43
ENV	369232.759	+14792.73	+ 1081762.6	+ 1264217.5	+ 543314.3	+1275.93	- 921.07	- 400.95	+ 14266.86
ERR	0.000	4.34	35.3	2336.4	5602.3	0.01	0.72	1.40	2.43

AGC	IN POUNDS	+32621.63	+ 3549206.0	+ 4155360.8	+ 1764146.9	+4186.08	-3019.50	-1320.08	+ 46799.33
ENV	AND FOOTS	+32612.05	+ 3549090.1	+ 4147695.3	+ 1782527.3	+4186.13	-3021.88	-1315.48	+ 46807.31

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PIPTIME: 3.6923276000 05 P63: 8RAKQUAO TPIP: 3.69232760000 05  
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R AND RG				V AND VG							
1.70466987499	06	1.58637499999	03	-3.97160874399	05	3.67468452453	02	-6.12392425537	00	1.58175125122	03
-3.21744999999	04	-4.35874999999	03	-4.00479499999	05	3.71627426147	02	3.12160491943	01	1.58526763916	03

LAND				TTF				CG			AF	
1.73605424999	06	-3.25274999999	03	3.37462499999	03	-5.59840429687	02	0.99	-0.00	0.00	4.93702642860	00
TRANSIENT 0.287								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

UNFC				UNWC							
-2.14253003045	-01	-1.91511949999	-02	-9.76590437357	-01	9.73916033265	-01	9.06340772657	-04	-2.26506894331	-01

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369233.81	14797.07	0	3464	2.9343	4.9370	3464	5829	0	4096	4096

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OISPLAYS:	TIME	MOOE	VER8NDOUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
	369234.16	63	6 63	46799	- 33	- 9 19	2170	53277	99 79	52020	99999

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ATTITUDE:	CDUTIME	CDUX	COUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRED
	369234.76	- 1.7578	102.6562	- 1.2634	- 0.0028	- 0.0884	- 0.0365		
	369234.76	- 1.3842	102.5134	- 1.1865	0.0000	- 0.0878	0.0000		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369234.759	+14768.16	+ 1084343.5	+ 1264715.9	+ 536907.9	+1269.40	- 919.19	- 401.95	+ 14262.31
ENV	369234.759	+14763.51	+ 1084308.0	+ 1262376.5	+ 542512.8	+1269.41	- 919.91	- 400.54	+ 14264.49
ERR	0.000	4.65	35.9	2339.4	5604.8	0.01	0.71	1.40	2.18

	IN POUNDS	AND FOOT							
AGC	32557.90		+ 3557559.0	+ 4149330.7	+ 1761509.1	+4164.71	-3015.72	-1318.74	+ 46792.36
ENV	32547.64		+ 3557441.1	+ 4141655.2	+ 1779897.7	+4164.74	-3018.07	-1314.13	+ 46799.52

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PIPTIME: 3.6923476000 05

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P63: 8RAKQUAO  
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TPIP: 3.6923476000 05

R AND RG

1.70540049999	06	1.57406249999	03	-3.94002374999	05	3.63147783279	02	-6.21871948242	00	1.57672414779	03
-3.14356249999	04	-4.31937499999	03	-3.97313874999	05	3.67280197143	02	3.10878753662	01	1.58025512695	03

V AND VG

LAND

1.73605424999	06	-3.35287499999	03	3.36549999999	03	-5.57235712890	02	0.99 -0.00 0.00	4.93723433464	00
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TTF

CG

AFC

TRANSIENT 0.294

0.00 0.99 0.02  
-0.00 -0.02 0.99

UNFC

-2.09229828399	-01	-1.90418972229	-02	-9.77681075329	-01	9.74334641327	-01	8.99299971443	-04	-2.25102638744	-01
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UNWC

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	TIME	MASS	FWIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369235.81	14768.16	0	3457	2.9343	4.9372	3457	5818	0	4096	4096

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	TIME	MOOE	VERBNCUN	H	FOCT	TTF	RANCE	A8VEL	TTF LPO	VHORIZ	OELTAF
OISPLAYS:	369236.16	63	6 63	46752	- 35	- 9 17	2152	53084	99 79	51855	99999

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	COUTIME	CDUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369236.76	- 1.7578	102.5793	- 1.3293	- 0.0027	0.0187	- 0.0139	
	369236.76	- 1.3842	102.4365	- 1.1865	0.0000	- 0.1538	- 0.0109	OESIREO

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369236.759	+14739.31	+ 1086875.9	+ 1262877.9	+ 536103.9	+1262.87	- 918.00	- 401.55	+ 14260.06	
ENV	369236.759	+14734.29	+ 1086840.3	+ 1260537.8	+ 541712.1	+1262.88	- 918.72	- 400.13	+ 14261.96	
ERR	0.000	5.02	35.6	2340.1	5608.1	0.01	0.72	1.41	1.90	

	IN POUNDS	ANO FOOTS							
AGC	+32494.29	+ 32483.22	+ 3565866.1	+ 4143300.5	+ 1758871.3	+4143.28	-3011.81	-1317.42	+ 46784.98
ENV			+ 3565749.3	+ 4135622.9	+ 1777270.7	+4143.33	-3014.19	-1312.77	+ 46791.23

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PIPTIME: 3.69236760000 05      P63: 8RAKQUAD      TPIP: 3.69236760000 05

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R AND RG				V ANO VG							
1.70612249999	06	1.56149999999	03	-3.90853999999	05	3.58835744857	02	-6.33344650268	00	1.57166132926	03
-3.07054999999	04	-4.28299999999	03	-3.94158249999	05	3.62941741943	02	3.09509277343	01	1.57520637512	03

LANO				TTF				CG			AF	
1.73605437499	06	-3.35299999999	03	3.35637499999	03	-5.54635742187	02	0.99	-0.00	0.00	4.93676867336	00
								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

TRANSIENT 0.299

UNFC				UNWC							
-2.04116639429	-01	-1.88478295324	-02	-9.78765118314	-01	9.74748398351	-01	8.92125065992	-04	-2.23304196165	-01

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	TIME	MASS	FWEIGHT	FCLO	AF	AFC	FP	FC	PIF	PIFSET	REG55
THROTTLE:	369237.81	14739.31	0	3468	2.9493	4.9367	3468	5806	0	4096	4096

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	TIME	MODE	VERNDOUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	OELTAH
DISPLAYS:	369238.12	63	6 .63	46785	- 38	- 9 14	2135	52890	99 79	51689	99999

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	COUTIME	CDUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369238.76	- 1.7687	102.4654	- 1.3293	- 0.0024	- 0.1343	- 0.0098	
	369238.76	- 1.3842	102.2167	- 1.1865	0.0000	- 0.1428	0.0000	DESIRED

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369240.759	+14681.79	+ 1091901.9	+ 1259211.9	+ 534499.9	+1249.80	- 915.57	- 400.70	+ 14254.81
ENV	369240.759	+14675.84	+ 1091865.8	+ 1256867.7	+ 540113.2	+1249.81	- 916.30	- 399.29	+ 14256.27
ERR	0.000	5.94	36.1	2344.2	5613.2	0.01	0.73	1.41	1.46

	IN POUNDS	AND FEET	+ 3582355.6	+ 4131272.9	+ 1753608.9	+4100.40	-3003.86	-1314.66	+ 46767.75
AGC	32367.48								
ENV	32354.37		+ 3582236.9	+ 4123581.9	+ 1772025.1	+4100.45	-3006.25	-1310.01	+ 46772.55

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PIPTIME: 3.6924076000 05 P63: BRAKQUAO TPIP: 3.6924076000 05  
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R AND RG				V AND VG							
1.70754062499	06	1.53574999999	03	-3.84587687499	05	3.50237751007	02	-6.54282569885	00	1.56148848533	03
-2.92711249999	04	-4.20112499999	03	-3.87877499999	05	3.54291534423	02	3.06552886962	01	1.56506233215	03

LAND				TTF				CG			AF	
1.73605437499	06	-3.35324999999	03	3.33812499999	03	-5.49441601562	02	0.99	-0.00	0.00	4.93895728141	00
								0.00	0.99	0.02		
TRANSIENT 0.295								-0.00	-0.02	0.99		

UNFC				UNWC							
-1.94097434491	-01	-1.85691110527	-02	-9.80806491637	-01	9.75561512747	-01	8.77410158440	-04	-2.19724748258	-01

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	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFSET	REG55
THROTTLE:	369241.81	14681.79	0	3467	2.9593	4.9389	3467	5786	0	4096	4096

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	TIME	MODE	VERBNOUN	H	FOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
DISPLAYS:	369242.16	63	6 63	46768	- 46	- 9 9	2100	52503	99 79	51357	99999

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	COUTIME	CDUX	CDUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRED
ALTITUDE:	369242.76	- 1.7907	101.8762	- 1.2963	- 0.0024	- 0.1282	- 0.0029		
	369242.76	- 1.3842	101.7773	- 1.1865	0.0000	- 0.1538	0.0000		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369242.759	+14653.11	+ 1094393.9	+ 1257381.9	+ 533697.9	+1243.27	- 914.31	- 400.27	+ 14251.93
ENV	369242.759	+14646.62	+ 1094358.8	+ 1255036.4	+ 539315.1	+1243.28	- 915.05	- 398.84	+ 14253.06
ERR	0.000	6.49	35.1	2345.5	5617.1	0.00	0.73	1.42	1.12
AGC	IN POUNDS	+32304.25	+ 3590531.4	+ 4125269.0	+ 1750977.6	+4079.00	-2999.71	-1313.23	+ 46758.32
ENV	ANO FOOT5	+32289.94	+ 3590416.2	+ 4117573.6	+ 1769406.6	+4079.03	-3002.13	-1308.55	+ 46762.00

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PIPTIME: 3.6924276000 05 P63: 8RAKQUAO TP1P: 3.6924276000 05

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P63: 8RAKQUAO  
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R AND RG					V ANO VG						
1.70823687499	06	1.52256249999	03	-3.81469812499	05	3.45981836318	02	-6.65745735168	00	1.55636849403	03
-2.85667499999	04	-4.16162499999	03	-3.84752374999	05	3.50009536743	02	3.05011749267	01	1.55995674133	03

LANO					TTF			CG			AFC		
1.73605437499	06	-3.35337499999	03	3.32899999999	03	-5.46848681640	02	0.99	-0.00	0.00	4.93850558996		00
								0.00	0.99	0.02			
								-0.00	-0.02	0.99			

TRANSIENT 0.297

UNFC					UNWC						
-1.89012005017	-01	-1.83757200725	-02	-9.81802828917	-01	9.75960933110	-01	8.69877630182	-04	-2.17943800910	-01

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THRDTITLE:	TIME	MASS	FWEIGHT	FCDL D	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369243.81	14653.11	0	3466	2.5643	4.9385	3466	5774	0	4096	4096

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DISPLAYS:	TIME	MDOE	VERBNGUN	H	HDDT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
	369244.12	63	6 63	46758	- 50	- 9 6	2083	52308	99 79	51189	99999

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ATTITUDE:	CDUTIME	CDUX	CDUY	CDUZ	DMEGAX	DMEGAY	DMEGAZ	ACTUAL	DESIRE D
	369244.76	- 1.8017	101.6564	- 1.2744	- 0.0019	- 0.1061	0.0327		
	369244.76	- 1.3842	101.5576	- 1.1865	0.0000	- 0.1538	0.0000		

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369244.759	+14624.48	+ 1096873.9	+ 1255553.9	+ 532897.9	+1236.75	- 913.03	- 399.82	+ 14248.68	
ENV	369244.759	+14617.39	+ 1096838.9	+ 1253207.6	+ 538517.8	+1236.76	- 913.76	- 398.39	+ 14249.59	
ERR	0.000	7.09	35.0	2346.3	5619.8	0.00	0.73	1.43	0.90	

	IN PCUNOS	+32241.14	+ 3598667.9	+ 4119271.6	+ 1748353.0	+4057.59	-2995.51	-1311.76	+ 46747.66
AGC									
ENV	ANO FOOTS	+32225.50	+ 3598552.9	+ 4111573.5	+ 1766790.9	+4057.61	-2997.92	-1307.05	+ 46750.62

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PIPTIME: 3.69244760000 05  
 P63: BRAKQUAD  
 TPIP: 3.69244760000 05

R AND RG				V ANO VG							
1.70892456249	06	1.50912499999	03	-3.78362187499	05	3.41734647750	02	-6.76207542419	00	1.55123281478	03
-2.78711249999	04	-4.11924999999	03	-3.81637499999	05	3.45736312866	02	3.03432464599	01	1.55483551025	03

LANO				TTF				CG			AFC	
1.73605437499	06	-3.35349999999	03	3.31987499999	03	-5.44257529296	02	0.99	-0.00	0.00	4.93960222229	00
TRANSIENT 0.292								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

UNFC				UNWC							
-1.84006228548	-01	-1.82277712732	-02	-9.82756051220	-01	9.76355638714	-01	8.62203535445	-04	-2.16168738156	-01

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	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369245.81	14624.48	0	3459	2.9643	4.9396	3459	5764	0	4096	4096

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OISPLAYS:	TIME	MODE	VERBNOUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	OELTAH
	369246.12	63	6 63	46748	- 54	- 9 4	2066	52114	59 79	51021	99999

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ATTITUDE:	CDUTIME	COUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRED
	369246.76	- 1.8127	101.4477	- 1.2524	- 0.0029	- 0.1167	- 0.0439		
	369246.76	- 1.3842	101.3378	- 1.1865	0.0000	- 0.1757	0.0000		

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369246.759	+14595.02	+ 1099341.6	+ 1253729.9	+ 532099.9	+1230.22	- 911.71	- 399.35	+ 14245.18	
ENV	369246.759	+14588.16	+ 1099305.9	+ 1251381.4	+ 537721.5	+1230.23	- 912.45	- 397.92	+ 14245.84	
ERR	0.000	6.85	36.0	2348.5	5621.5	0.00	0.74	1.43	0.66	

	IN PCUNOS	ANO FOOTS	+32176.19	+ 3606765.0	+ 4113287.4	+ 1745734.9	+4036.17	-2991.19	-1310.22	+ 46736.17
AGC	IN PCUNOS	ANO FOOTS	+32176.19	+ 3606765.0	+ 4113287.4	+ 1745734.9	+4036.17	-2991.19	-1310.22	+ 46736.17
ENV	ANO FOOTS		+32161.07	+ 3606646.6	+ 4105582.0	+ 1764178.4	+4036.20	-2993.63	-1305.51	+ 46738.34

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PIPTIME:	3.69246760000	05		PIPTIP:	3.69246760000	05

R AND RG					V AND VG						
1.709603E1249	06	1.49549999999	03	-3.75264874999	05	3.37516117095	02	-6.86669349670	00	1.54606156349	03
-2.71838749999	04	-4.07974999999	03	-3.78532749999	05	3.41491699218	02	3.01959991455	01	1.54967842102	03

LAND				TTF				CG			AFC	
1.73605437499	06	-3.35362499999	03	3.31074999999	03	-5.41670834960	02	0.99	-0.00	0.00	4.93950210511	00
								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

UNFC					UNWC						
-1.78991252614	-01	-1.80710216809	-02	-9.83684690163	-01	9.76745662267	-01	8.54425129819	-04	-2.14399583021	-01

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	TIME	MASS	FWEIGHT	FCDLD	AF	4FC	FP	FC	PIF	PIFPSET	REG55
THRCTLLE:	369247.81	14595.02	0	3469	2.9793	4.9395	3469	5752	0	4096	4096

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	TIME	MDDE	VER8NDUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
DISPLAYS:	369248.16	63	6 63	46736	- 58	- 9 1	2049	51918	99 79	50852	99999

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	CDUTIME	CDUX	CDUY	COUZ	DMEGAX	DMEGAY	DMEGAZ	ACTUAL
ATTITUDE:	369248.76	- 1.9237	101.1840	- 1.3293	- 0.0028	- 0.1314	- 0.0355	
	369248.76	- 1.3842	101.1181	- 1.1865	0.0000	- 0.1867	0.0000	DESIRED

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	TIME	MASS		RN		VN		ALTITUDE
AGC	369248.759	+14565.62		+ 1101795.9	+ 1251905.9	+ 531299.9		+1223.69 - 910.37 - 398.88   + 14241.37
ENV	369248.759	+14558.93		+ 1101759.8	+ 1249557.7	+ 536926.2		+1223.70 - 911.12 - 397.44   + 14241.81
ERR	0.000	6.69		36.1	2348.2	5626.2		0.00 0.74 1.43   0.43

	IN POUNDS							
AGC	+32111.38		+ 3614816.2	+ 4107303.1	+ 1743110.2		+4014.76 -2986.80 -1308.66	+ 46723.67
ENV	ANO FOOT5	+32096.62		+ 3614697.7	+ 4099595.0	+ 1761568.9		+4014.79 -2989.24 -1303.94   + 46725.10

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PIPTIME: 3.69248760000 05

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P63: 8RAKQUAO  
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TIPI: 3.69248760000 05

	R ANO RG				V AND VG						
1.71027462499	06	1.48168749999	03	-3.72177937499	05	3.33306360244	02	-6.97126388549	00	1.54087462425	03
-2.65051249999	04	-4.04037499999	03	-3.75438499999	05	3.37255859375	02	3.00479888916	01	1.54450569152	03

	LAND		TTF		CG		AF			
1.73605437499	06	-3.35374999999	03	3.30162499999	03	-5.39086640624	02	0.99 -0.00 0.00	4.93997707962	00
								0.00 0.99 0.02		
		TRANSIENT	0.296					-0.00 -0.02 0.99		

	UNFC				UNWC						
-1.73898140239	-01	-1.79257364955	-02	-9.84600479784	-01	9.77131031819	-01	8.46534961284	-04	-2.12636379845	-01

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	TIME	MASS	FWEIGHT	FCDL	AF	AFC	FP	FC	PIF	PIFSET	REG55
THROTTLE:	369249.81	14565.62	0	3468	2.9843	4.9399	3468	5741	0	4096	4096

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	TIME	MDDE	VERBNDUN	H	HDDT	TTF	RANGE	ABVEL	TTF LPD	VHOR1Z	DELTAH
OISPLAYS:	369250.12	63	6 63	46724	- 64	- 8 59	2032	51723	99 80	50682	99999

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	CDUTIME	CDUX	CDUY	CDUZ	DMEGAX	DMEGAY	DMEGAZ	ACTUAL
ATTITUDE:	369250.76	- 1.8347	100.8753	- 1.3403	- 0.0025	- 0.0953	- 0.0142	
	369250.76	- 1.3842	100.8215	- 1.1865	0.0000	- 0.2197	0.0000	CESIREO

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369250.759	+14536.2P	+ 1104235.9	+ 1250087.9	+ 530503.9	+1217.17	- 909.00	- 398.40	+ 14237.31	
ENV	369250.759	+14529.70	+ 1104200.7	+ 1247736.9	+ 536131.7	+1217.18	- 909.75	- 396.95	+ 14237.47	
ERR	0.000	6.58	35.2	2351.0	5627.7	0.00	0.74	1.44	0.15	

AGC	IN POUNDS								
AGC	369250.759	+32046.69	+ 3622821.5	+ 4101338.5	+ 1740498.6	+3993.36	-2982.29	-1307.09	+ 46710.34
ENV	AND FOOTS	+32032.17	+ 3622706.0	+ 4093625.0	+ 1758962.5	+3993.39	-2984.75	-1302.35	+ 46710.86

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PIPTIME: 3.6925076000 05

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P63: 8RAKOUAQ  
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TIPTIME: 3.6925076000 05

R AND RG					V AND VG						
1.71093706249	06	1.46762499999	03	-3.69101374999	05	3.29125308990	02	-7.08580017089	00	1.53566203117	03
-2.58348749999	04	-4.00099999999	03	-3.72354624999	05	3.33049011230	02	2.98877716064	01	1.53930702209	03

LAND				TTF				CG			AF	
1.73605449999	06	-3.35387499999	03	3.29249999999	03	-5.36505307617	02	0.99	-0.00	0.00	4.94091073051	00
TRANSIENT 0.288								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

UNFC					UNWC						
-1.68935094735	-01	-1.77225886019	-02	-9.85467829825	-01	9.77511781344	-01	8.38503237610	-04	-2.10879146064	-01

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369251.81	14536.28	0	3467	2.9893	4.9409	3467	5731	0	4096	4096

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OISPLAYS:	TIME	MODE	VERBNOUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
	369252.16	63	6 63	46710	- 69	- 8 56	2016	51527	99 80	50511	99999

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ATTITUDE:	COUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
	369252.76	- 1.8457	100.7116	- 1.3183	- 0.0021	- 0.1403	0.0136	
	369252.76	- 1.3842	100.4589	- 1.1865	0.0000	- 0.1428	0.0000	DESIRED

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	TIME	MASS		RN		VN		ALTITUDE
AGC	369254.759	+14477.77	+	1109079.9	+ 1246457.9	+ 528911.9	+1204.14 - 906.19 - 397.40	+ 14228.12
ENV	369254.759	+14471.23	+	1109043.4	+ 1244103.4	+ 534545.9	+1204.14 - 906.93 - 395.95	+ 14227.80
ERR	0.000	6.54		36.5	2354.5	5633.5	0.00 0.75 1.44	0.32

	IN PCUNDS							
AGC	+31917.70	+	3638713.9	+ 4089429.1	+ 1735275.5	+3950.59 -2973.05 -1303.80	+ 46680.20	
ENV	+31903.27	+	3638593.9	+ 4081704.3	+ 1753759.7	+3950.61 -2975.51 -1299.05	+ 46675.14	

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PIPTIME: 3.6925476000 05 P63: 8RAKQUAO TPIP: 3.6925476000 05

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P63: 8RAKQUAO  
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	R AND RG			V ANO VG		
1.71223693749	06 1.43881249999	03 -3.62979624959	05 3.20819616317	02 -7.30485916137	00 1.52518010139	03
-2.45194999999	04 -3.91624999999	03 -3.66217999999	05 3.24691009521	02 2.95478820800	01 1.62885360717	03

	LANO		TTF	CG	AFC	
1.73605449999	06 -3.35412499999	03 3.27424995999	03 -5.31349843749	02 0.99 -0.00 0.00	4.94115753099	00
				0.00 0.99 0.02		
				-0.00 -0.02 0.99		

	UNFC		UNWC
-1.58966875668	-01 -1.73674468354	-02 -9.87147247175	-01 9.78259549816
			-01 8.22044897547
			-04 -2.07382683546
			-01

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	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369255.81	14477.77	0	3465	2.9993	4.9411	3465	5708	0	4096	4096

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	TIME	MODE	VERBNOUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	OELTAH
OISPLAYS:	369256.12	63	6 63	46680	- 80	- 8 51	1982	51134	99 80	50168	99999

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	COUTIME	COUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369256.76	- 1.8676	100.1733	- 1.2634	- 0.0019	- 0.1436	0.0270	
	369256.76	- 1.3842	99.9426	- 1.1865	0.0000	- 0.2197	0.0109	OESIRE0

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369256.759	+14448.61	+ 1111479.9	+ 1244645.9	+ 528117.9	+1197.63	- 904.73	- 396.88	+ 14223.06
ENV	369256.759	+14441.99	+ 1111445.2	+ 1242291.0	+ 533754.5	+1197.63	- 905.48	- 395.42	+ 14222.45
ERR	0.000	6.61	34.7	2354.9	5636.5	0.00	0.75	1.46	0.60

	IN PCUNOS	+31853.41	+ 3646587.9	+ 4083484.2	+ 1732670.6	+3929.24	-2968.28	-1302.12	+ 46663.59
AGC	ANO FOOT5	+31838.81	+ 3646473.8	+ 4075758.0	+ 1751163.3	+3929.25	-2970.75	-1297.32	+ 46661.60

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PIPTIME: 3.69256760000 05 P63: 8RAKQUAO TPIP: 3.69256760000 05  

R AND RG				V AND VG							
1.71287443749	06	1.42406249999	03	-3.59934562499	05	3.16704940795	02	-7.41934776306	00	1.51991076469	03
-2.38742499999	04	-3.87699999999	03	-3.63165499999	05	3.20550537109	02	2.93830871582	01	1.52359609875	03

LANO				TTF				CG				AFC				
1.73605449999	06	-3.35424999999	03	3.26512499999	03	-5.28775532226	02	0.99	-0.00	0.00	4.94206091389	00				
								0.00	0.99	0.02						
								-0.00	-0.02	0.99						

UNFC				UNWC							
-1.53937369516	-01	-1.71768362350	-02	-9.87931294454	-01	9.78626626983	-01	8.13618298839	-04	-2.05643533774	-01

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369257.81	14448.61	0	3463	3.0043	4.9420	3463	5697	0	4096	4096

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OISPLAYS:	TIME	MODE	VFRBNOUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	OELTAH
	369258.16	63	6 63	46664	- 85	- 8 48	1965	50937	99 80	49996	99999

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ATTITUDE:	COUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRE
	369258.76	- 1.8786	99.8217	- 1.2854	- 0.0029	- 0.1891	- 0.0492		
	369258.76	- 1.3842	99.5800	- 1.1865	0.0000	- 0.1538	0.0219		

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	TIME	MASS		RN		VN		ALTITUDE
AGC	369258.759	+14419.50	+ 1113869.9	+ 1242837.9	+ 527323.9	+1191.12	- 903.24	+ 14217.62
ENV	369258.759	+14412.75	+ 1113833.9	+ 1240481.5	+ 532964.2	+1191.13	- 904.00	+ 14216.76
ERR	0.000	6.75	36.0	2356.4	5640.2	0.00	0.76	0.86
AGC	IN POUNDS	+31789.23	+ 3654429.1	+ 4077552.4	+ 1730065.6	+3907.90	-2963.39	+ 46645.75
ENV	ANO FFOOTS	+31774.35	+ 3654310.9	+ 4069821.4	+ 1748570.4	+3907.91	-2965.88	+ 46642.92

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PIPTIME: 3.69258760000 05 P63: 8RAKQUAO TP1P: 3.69258760000 05

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P63: 8RAKQUAO  
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	R ANO RG		V ANO VG	
1.71350374999	06	1.40912499999	03	-3.56900062499
-2.32372499999	04	-3.83462499999	03	-3.60123624999

	LANO		TTF		CG		AF
1.73605449999	06	-3.35437499999	03	3.25599999999	03	-5.26205957031	02
						0.99	-0.00
						0.00	0.99
						-0.00	-0.02

	UNFC		UNWC	
-1.49049615210	-01	-1.70135368619	-02	-9.88683342516
				9.78989214628
				8.05087376066
				-2.03910444745

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	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369258.81	14419.50	0	3468	3.0143	4.9428	3468	5687	0	4096	4096

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	TIME	MODE	VERBNOUN	H	FOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
OISPLAYS:	369260.16	63	6 63	46646	- 91	- 8 46	1949	50739	99 80	49822	99999

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	COUTIME	CDUX	CDUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369260.76	- 1.8896	99.4812	- 1.3073	- 0.0021	- 0.1737	0.0060	
	369260.76	- 1.3842	99.3603	- 1.1865	0.0000	- 0.1977	0.0219	DESIRE0

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369260.759	+14390.45	+ 1116245.9	+ 1241033.9	+ 526531.9	+1184.63	- 901.72	- 395.79	+ 14211.87	
ENV	369260.759	+14383.51	+ 1116209.8	+ 1238675.0	+ 532175.0	+1184.63	- 902.48	- 394.32	+ 14210.73	
ERR	0.000	6.94	36.1	2358.9	5643.0	0.00	0.75	1.46	1.14	

	IN POUNDS	ANO	FOOTS	+	3662224.4	+	4071633.8	+	1727467.1	+	3886.60	-	2958.40	-	1298.53	+	46626.88
AGC																	
ENV																	

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PIPTIME: 3.6926076000 05  
 P63: 8RAKQUAC  
 TPIP: 3.69260760000 05

R AND RG				V AND VG							
1.71412493749	06	1.39399999999	03	-3.53876187459	05	3.08562040328	02	-7.62820243835	00	1.50928559303	03
-2.26084699999	04	-3.79524999999	03	-3.57092124999	05	3.12356185913	02	2.90554046630	01	1.51300048828	03

LANO				TTF				CG			AFC	
1.73605449999	06	-3.35449999999	03	3.24687499999	03	-5.23638193359	02	0.99	-0.00	0.00	4.94313426315	00
								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

UNFC				UNWC							
-1.44121785448	-01	-1.68365815150	-02	-9.89416717304	-01	9.79347341863	-01	7.96444714964	-04	-2.02183455456	-01

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	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369261.81	14390.45	0	3467	3.0193	4.9431	3467	5676	0	4096	4096

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	TIME	MODE	VERBNOUN	H	H-00T	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	OELTAH
OISPLAYS:	369262.12	63	6 63	46627	- 96	- 3 43	1932	50542	99 80	49648	99999

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	COU TIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIREO
ATTITUDE:	369262.76	- 1.9006	99.1845	- 1.2634	- 0.0023	- 0.1517	- 0.0026		
	369262.76	- 1.3842	99.0637	- 1.1865	0.0000	- 0.2197	0.0219		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369262.759	+14361.47	+ 1118607.9	+ 1239231.9	+ 525741.9	+1178.14	- 900.16	- 395.23	+ 14205.81
ENV	369262.759	+14354.26	+ 1118572.5	+ 1236871.6	+ 531386.9	+1178.15	- 900.92	- 393.75	+ 14204.36
ERR	0.000	7.20	35.4	2360.3	5644.9	0.00	0.76	1.47	1.44

	IN POUNDS	AND FOOTTS							
AGC	+31661.30		+ 3669973.7	+ 4065721.7	+ 1724875.3	+3865.31	-2953.29	-1296.69	+ 46606.99
ENV	+31645.42		+ 3669857.3	+ 4057977.9	+ 1743395.6	+3865.33	-2955.78	-1291.85	+ 46602.24

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PIPTIME: 3.69262760000 05

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P63: BRAKQUAD  
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TPIP: 3.69262760000 05

R AND RG			V AND VG								
1.71473806249	06	1.37862499999	03	-3.50862937459	05	3.04533815383	02	-7.74259567260	00	1.50393567628	03
-2.19978749999	04	-3.75595999999	03	-3.54071374999	05	3.08302307128	02	2.88856506347	01	1.50766830444	03

LAND			TTF			CG			AFC		
1.73605449999	06	-3.35462499999	03	3.23774999595	03	-5.21073725585	02	0.99 -0.00	0.00	4.94383508335	00
TRANSIENT 0.278						0.00 0.99 0.02					
						-0.00 -0.02 0.99					

UNFC			UNWC								
-1.39310859359	-01	-1.66381062911	-02	-9.90108912132	-01	9.79701046213	-01	7.87675377962	-04	-2.00462564127	-01

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	TIME	MASS	FWEIGHT	FCDLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369263.88	14361.47	0	3465	3.0243	4.9438	3465	5665	0	4096	4096

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	TIME	MODE	VERBNOUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
DISPLAYS:	369264.20	63	6 63	46607	- 102	- 8 41	1916	50343	99 80	49473	99999

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	COUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369264.76	- 1.9116	98.8110	- 1.2304	- 0.0020	- 0.2111	0.0069	
	369264.76	- 1.3842	98.6901	- 1.1865	0.0000	- 0.1318	0.0329	DESIREC

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	TIME	MASS		RN		VN		ALTITUDE
AGC	369264.759	+14332.54	+ 1120957.9	+ 1237431.9	+ 524951.9	+1171.67	- 898.56	- 394.64   + 14199.37
ENV	369264.759	+14325.02	+ 1120922.3	+ 1235071.4	+ 530600.0	+1171.68	- 899.33	- 393.17   + 14197.67
ERR	0.000	7.51	35.6	2360.5	5648.0	0.00	0.76	1.47   1.70

	IN POUNDS							
AGC	+31597.51	+ 3677683.7	+ 4059816.2	+ 1722283.4	+ 3844.08	-2948.06	-1294.77	+ 46585.87
ENV	+31580.94	+ 3677566.8	+ 4052071.5	+ 1740813.8	+ 3844.09	-2950.58	-1289.93	+ 46580.28

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PIPTIME: 3.69264760000 05 P63: 8RAKQUAD TPIP: 3.69264760000 05

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P63: 8RAKQUAD  
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R AND RG				V AND VG							
1.71534312499	06	1.36306249999	03	-3.47860437459	05	3.00544452667	02	-7.84692764282	00	1.49856834411	03
-2.13752459999	04	-3.71362499999	03	-3.51061374999	05	3.04286956787	02	2.87105560302	01	1.50231094360	03

LAND				TTF				CG				AFC				
1.73605462499	06	-3.35474999999	03	3.22862499999	03	-5.18512745023	02	0.99	-0.00	0.00	4.94451727718	00				
								0.00	0.99	0.02						
								-0.00	-0.02	0.99						

UNFC				UNWC							
-1.34598171412	-01	-1.64672714334	-02	-9.90763423438	-01	9.80050348592	-01	7.78779382226	-04	-1.98747849615	-01

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	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369265.81	14332.54	0	3470	3.0343	4.9445	3470	5654	0	4096	4096

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	TIME	MODE	VERBNOUN	H	HDOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
DISPLAYS:	369266.16	63	6 62	46586	- 107	- 8 38	1899	50145	99 80	49297	99999

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	COUTIME	CDUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRED
ATTITUDE:	369266.76	- 1.9226	58.5803	- 1.2524	- 0.0025	- 0.0842	- 0.0141		
	369266.76	- 1.3842	98.4704	- 1.1865	0.0000	- 0.1647	0.0329		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369266.759	+14303.66	+ 1123293.9	+ 1235637.9	+ 524161.9	+1165.21	- 896.95	- 394.05	+ 14192.62
ENV	369266.759	+14295.77	+ 1123259.2	+ 1233274.3	+ 529814.3	+1165.21	- 897.71	- 392.56	+ 14190.65
ERR	0.000	7.88	34.7	2363.6	5652.3	0.00	0.76	1.48	1.96

	IN PCUNDS	AND FOOTS	+ 3685347.7	+ 4053930.4	+ 1719691.6	+3822.86	-2942.75	-1292.82	+ 46563.73
ACC									
ENV			+ 3685233.8	+ 4046175.6	+ 1738235.9	+3822.87	-2945.25	-1287.95	+ 46557.27

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PIPTIME: 3.69266760000 05

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P63: 8RAKQUAD
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TPIP: 3.69266760000 05

R AND RG				V AND VG							
1.71594024999	06	1.34724999999	03	-3.44868687499	05	2.96574020385	02	-7.95125961303	00	1.49318151473	03
-2.07707499999	04	-3.67437499999	03	-3.48061999999	05	3.00291061401	02	2.85472869873	01	1.49693717956	03

LAND				TTF				CG			AFC	
1.73605462499	06	-3.35487499999	03	3.21949999999	03	-5.15953237304	02	0.99	-0.00	0.00	4.94473148137	00
								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

TRANSIENT 0.279

UNFC				UNWC							
-1.29771040802	-01	-1.62805815182	-02	-9.91410318503	-01	9.80395291888	-01	7.69741830982	-04	-1.97039283241	-01

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	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369267.81	14303.66	0	3463	3.0343	4.9447	3463	5643	0	4096	4096

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	TIME	MODE	VERBNOUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
DISPLAYS:	369268.12	63	6 63	46564	- 113	- 8 36	1883	49946	99 80	49121	99999

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	COUTIME	COUX	COUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRE
ATTITUDE:	369268.76	- 1.9335	98.3496	- 1.2744	- 0.0020	- 0.1414	0.0106		
	369268.76	- 1.3842	98.2507	- 1.1865	0.0000	- 0.1867	0.0329		

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	TIME	MASS		RN		VN		ALTITUDE
AGC	369268.759	+14274.85	+	1125617.9	+ 1233843.9	+ 523375.9	+1158.75 - 895.29 - 393.45	+ 14185.56
ENV	369268.759	+14266.52	+	1125583.2	+ 1231480.5	+ 529029.7	+1158.75 - 896.06 - 391.95	+ 14183.31
ERR	0.000	8.32		34.7	2363.4	5653.7		0.00 0.76 1.49   2.24

AGC	IN POUNDS	+31470.34	+	3692972.4	+ 4048044.6	+ 1717112.8	+3801.67 -2937.32 -1290.85	+ 46540.55
ENV	ANO FOOTS	+31451.98	+	3692858.3	+ 4040290.5	+ 1735661.9	+3801.67 -2939.84 -1285.95	+ 46533.18

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PIPTIME: 3.69268760000 05

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P63: 8RAKQUAO  
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TPIP: 3.69268760000 05

R AND RG				V ANO VG							
1.71652943749	06	1.33124999999	03	-3.41887749999	05	2.92632389068	02	-8.06560516357	00	1.48776517457	03
-2.01741249999	04	-3.63499999999	03	-3.45073374999	05	2.96323776245	02	2.83714294433	01	1.49153823852	03

LAND				TTF				CG			AFC	
1.73605462499	06	-3.35499999999	03	3.21037499999	03	-5.13397045898	02	0.99	-0.00	0.00	4.94534149765	00
								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

UNFC				UNWC							
-1.25084338159	-C1	-1.60596749504	-02	-9.92016126475	-01	9.80735899971	-01	7.60614867715	-04	-1.95336929358	-01

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	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369269.81	14274.85	0	3467	3.0443	4.9453	3467	5633	0	4096	4096

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	TIME	MOOE	VERBNOUN	H	HDOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	OELTAP
OISPLAYS:	369270.16	63	6 63	46541	- 118	- 8 33	1867	49747	99 80	48943	99999

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	COUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369270.76	- 1.9445	98.0419	- 1.2634	- 0.0020	- 0.1762	0.0116	
	369270.76	- 1.3842	98.0310	- 1.1865	0.0000	- 0.2087	0.0435	DESIRED

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	TIME	MASS		RN		VN		ALTITUDE
AGC	369270.759	+14246.10	+ 1127929.9	+ 1232055.9	+ 522587.9	+1152.28	- 893.61 - 392.83	+ 14178.06
ENV	369270.759	+14237.27	+ 1127894.2	+ 1229690.1	+ 528246.4	+1152.29	- 894.38 - 391.33	+ 14175.62
ERR	0.000	8.82	35.7	2365.8	5658.4	0.00	0.77 1.49	2.43

	IN POUNDS							
AGC	+31406.95	+ 3700557.7	+ 4042178.4	+ 1714527.5	+ 3780.47	-2931.81	-1288.81	+ 46515.95
ENV	+31387.50	+ 3700440.4	+ 4034416.3	+ 1733092.1	+3780.48	-2934.34	-1283.91	+ 46507.96

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PIPTIME: 3.6927076000 05  
 P63: BRAKQUAO  
 TPIP: 3.6927076000 05

		R ANO RG			V ANO VG		
1.71711074999	06	1.31499999999	03	-3.38917624959	05	2.88709640502	02
-1.95854959999	04	-3.59274999999	03	-3.42095624959	05	2.92375564575	02

		LAND		TTF		CG		AF
1.73605462499	06	-3.35512499999	03	3.20112499999	03	-5.10844575195	02	0.99 -0.00 0.00
		TRANSIENT	0.272			0.00 0.99 0.02		4.94587002322 00
						-0.00 -0.02 0.99		

		UNFC			UNWC		
-1.20370389666	-01	-1.58978463780	-02	-9.92601746810	-01	9.81072210335	-01
						7.51324004109	-04
							-1.93640785010 -01

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	TIME	MASS	FWEIGHT	FCOLO	AF	AF	FP	FC	PIF	PIFSET	REG55
THROTTLE:	369271.81	14246.10	0	3472	3.0543	4.9458	3472	5622	0	4096	4096

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	TIME	MODE	VERBNOUN	H	FOOT	TTF	RANGE	ARVEL	TTF LPO	VHORIZ	DELTAH
DISPLAYS:	369272.16	63	6 63	46516	- 124	- 8 30	1850	49547	99 81	48765	99999

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	CDUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369272.76	- 1.9555	97.8222	- 1.2304	- 0.0020	- 0.1036	0.0147	
	369272.76	- 1.3842	97.7343	- 1.1865	0.0000	- 0.2197	0.0439	DESIREO

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369272.759	+14217.40	+ 1130227.9	+ 1230269.9	+ 521803.9	+1145.84	- 891.90	- 392.19	+ 14170.24	
ENV	369272.759	+14208.02	+ 1130192.4	+ 1227903.0	+ 527464.4	+1145.84	- 892.67	- 390.69	+ 14167.59	
ERR	0.000	9.37	35.5	2366.9	5660.4	0.00	0.76	1.50	2.65	

	IN PCUNOS	ANO FOOTS	+ 3708097.1	+ 4036318.8	+ 1711955.3	+3759.31	-2926.20	-1286.74	+ 46490.32
AGC		+31343.68							
ENV		+31323.01	+ 3707980.3	+ 4028553.2	+ 1730526.3	+3759.32	-2928.73	-1281.81	+ 46481.61

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PIPTIME: 3.69272760000 05  
 P63: 8RAKQUAO  
 TPIP: 3.69272760000 05

	R ANO RG	V ANO VG
1.71768424999	06 1.29856249999 03 -3.35958437499 05 2.84815740585 02 -8.27412605285 00 1.47687835693 03	
-1.90047459999	04 -3.55349999999 03 -3.39128749999 05 2.88455963134 02 2.80227661132 01 1.48067436218 03	

	LANO	TTF	CG	AFC
1.73605462499	06 -3.35524999999 03 3.19199999999 03 -5.08293212890 02 0.99 -0.00 0.00 4.94603067636 00			
			0.00 0.99 0.02	
			-0.00 -0.02 0.99	

	UNFC	UNWC
-1.15648605382	-01 -1.57040965911 -02 -9.931660392C1 -01 9.81404248046 -01 7.41936263168 -04 -1.91950908951 -01	

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	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369273.81	14217.40	0	3465	3.0543	4.9460	3465	5611	0	4096	4096

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	TIME	MODE	VER8NDUN	H	HOOT	TTF	RANGE	ASVEL	TTF LPO	VHORIZ	DELTAH
DISPLAYS:	369274.12	63	6 63	46490	- 129	- 8 28	1834	49347	99 81	48587	99999

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	COUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369274.76	- 1.9665	97.4816	- 1.2194	- 0.0028	- 0.2070	- 0.0487	
	369274.76	- 1.3842	97.3718	- 1.1865	0.0000	- 0.1428	0.0439	0FS IRED

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369274.759	+14188.76	+ 1132511.9	+ 1228487.9	+ 521019.5	+1139.39	- 890.16	- 391.55	+ 14162.12
ENV	369274.759	+14178.77	+ 1132477.6	+ 1226119.4	+ 526683.6	+1139.39	- 890.94	- 390.04	+ 14159.21
ERR	0.000	9.99	34.3	2368.5	5663.6	0.00	0.77	1.50	2.91

	IN PCUNOS								
AGC	+31280.54	+ 3715590.5	+ 4030472.4	+ 1709383.2	+3738.18	-2920.48	-1284.61	+ 46463.66	
ENV	ANO FOOT5	+31258.51	+ 3715477.8	+ 4022701.4	+ 1727964.8	+3738.17	-2923.03	-1279.67	+ 46454.11

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PIPTIME:	3.69274760000	05		TPIP:	3.69274760000	05
			P63: BRAKQUAO			

	R AND RG			V ANO VG		
1.71824999999	06	1.28193749999	03	-3.33010187499	05	2.80950832366 02
-1.84317499999	04	-3.51424999999	03	-3.36172999999	05	2.84565734863 02

	LANO			TTF			CG	AFC
1.73605462499	06	-3.35537499999	03	3.18287499999	03	-5.05745971679	02	0.99 -0.00 0.00
								0.00 0.99 0.02
								-0.00 -0.02 0.99

	UNFC			UNWC		
-1.11042765532	-01	-1.55133275376	-02	-9.93694541039	-01	9.81732051239 -01
						7.32444223529 -04
						-1.90267293810 -01

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSSET	REG55
	369275.81	14188.76	0	3469	3.0643	4.9464	3469	5600	0	4096	4096

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DISPLAYS:	TIME	MODE	VERBNOUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
	369276.16	63	6 63	46464	- 135	- 8 25	1818	49147	99 81	48407	99999

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ATTITUDE:	CDUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	OESIRED
	369276.76	- 1.9775	57.2399	- 1.2084	- 0.0020	- 0.0870	0.0162		
		- 1.3842	97.1520	- 1.1865	0.0000	- 0.1647	0.0439		

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	TIME	MASS		RN		VN		ALTITUDE
AGC	369276.759	+14159.31	+	1134785.9	+ 1226709.9	+ 520237.9	+1132.96	- 888.38 - 390.88   + 14153.68
ENV	369276.759	+14149.51	+	1134750.0	+ 1224339.3	+ 525904.2	+1132.96	- 889.16 - 389.37   + 14150.48
FRR	0.000	9.79		35.9	2370.6	5666.2		0.00 0.78 1.50   3.20

AGC	IN PCUNOS	+31215.61	+	3723051.1	+ 4024639.1	+ 1706817.5	+3717.06	-2914.65 -1282.43   + 46435.98
ENV	ANO FOOT5	+31194.02	+	3722933.0	+ 4016861.2	+ 1725407.6	+3717.06	-2917.21 -1277.48   + 46425.47

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PIPTIME:	3.69276760000	05		TPIP:	3.69276760000	05
			P63: BRAKQUAG			

	R ANO RG			V ANO VG							
1.71880806249	06	1.26506249999	03	-3.30072874999	05	2.77114772796	02	-8.48255157470	00	1.46585598655	03
-1.78664999999	04	-3.47512499999	03	-3.33227874999	05	2.80704116821	02	2.76802062588	01	1.46971778869	03

	LANO			TTF		CG		AFC		
1.73605462499	06	-3.35549999999	03	3.17374599999	03	-5.03201547851	02	0.99 -0.00 0.00	4.94795576695	00
								0.00 0.99 0.02		
								-0.00 -0.02 0.99		

	UNFC			UNWC							
-1.06509860095	-01	-1.63317693506	-02	-9.94193435177	-01	9.82055652281	-01	7.22810628326	-04	-1.88589560935	-01

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369277.81	14159.31	0	3473	3.0743	4.9479	3473	5590	0	4096	4096

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OISPLAYS:	TIME	MOOE	VERBNOUN	H	FOCT	TTF	RANGE	ARVEL	TTF LPO	VHORIZ	DELTAH
	369278.16	63	6 63	46436	- 141	- 8 23	1802	48946	99 81	48227	99999

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ATTITUDE:	COUTIME	COUX	CDUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIREC
	369278.76	- 1.9885	56.9982	- 1.2524	- 0.0023	- 0.1507	- 0.0105		
	369278.76	- 1.3842	96.9323	- 1.1865	0.0000	- 0.1757	0.0549		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369278.759	+14129.92	+ 1137045.9	+ 1224933.9	+ 519455.9	+1126.53	- 886.58	- 390.21	+ 14144.87
ENV	369278.759	+14120.25	+ 1137009.4	+ 1222562.7	+ 525126.1	+1126.52	- 887.36	- 388.70	+ 14141.40
ERR	0.000	9.66	36.5	2371.2	5670.1	0.00	0.78	1.51	3.47

	IN POUNDS								
AGC	+31150.83	+ 3730465.8	+ 4018812.3	+ 1704251.9	+3695.97	-2908.74	-1280.23	+ 46407.07	
ENV	AND FOOTS	+31129.52	+ 3730346.0	+ 4011032.6	+ 1722854.9	+3695.96	-2911.31	-1275.26	+ 46395.67

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PIPTIME: 3.69278760000 05

|||||||  
P63: 8RAKQUAD  
|||||||

TPIP: 3.69278760000 05

R AND RG				V AND VG							
1.71935849999	06	1.24799999999	03	-3.27146624999	05	2.73297643661	02	-8.58669281005	00	1.46037678718	03
-1.73088749999	04	-3.43574999999	03	-3.30293999999	05	2.76861572265	02	2.75051116943	01	1.46421165466	03

LAND				TTF				CG		AF		
1.73605462499	06	-3.35562499999	03	3.16462499999	03	-5.00659199218	02	0.99	-0.00	0.00	4.94800042361	00
TRANSIENT 0.268								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

UNFC				UNWC							
-1.01853003048	-01	-1.51322601542	-02	-9.94684362233	-01	9.82375079571	-01	7.13065267820	-04	-1.86918951888	-01

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THRDTLLE:	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369279.81	14129.92	0	3466	3.0743	4.9480	3466	5578	0	4096	4096

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DISPLAYS:	TIME	MODE	VERBNOUN	H	FDDT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
	369280.12	63	6 63	464C7	- 147	- 8 20	1786	48745	99 81	48046	99999

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ATTITUDE:	CDUTIME	CDUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRED
	369280.76	- 1.9885	96.7565	- 1.2084	- 0.0015	- 0.1085	0.0473		
	369280.76	- 1.3842	96.7126	- 1.1865	0.0000	- 0.1977	0.0549		

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369280.759	+14100.59	+ 1139291.9	+ 1223163.6	+ 518675.9	+1120.10	- 884.75	- 389.53	+ 14135.74	
ENV	369280.759	+14090.99	+ 1139256.1	+ 1220789.8	+ 524349.4	+1120.10	- 885.53	- 388.01	+ 14131.95	
ERR	0.000	9.60	35.8	2374.1	5673.4	0.00	0.78	1.52	3.79	

	IN PCUNOS	+31096.18	+ 3737834.6	+ 4013005.2	+ 1701692.9	+3674.87	-2902.73	-1278.01	+ 46377.13
AGC	IN PCUNOS	+31096.18	+ 3737834.6	+ 4013005.2	+ 1701692.9	+3674.87	-2902.73	-1278.01	+ 46377.13
ENV	ANO FOOTS	+31065.01	+ 3737717.0	+ 4005215.9	+ 1720306.6	+3674.87	-2905.31	-1273.00	+ 46364.68

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PIPTIME: 3.6928076000 05 P63: 8RAKQUAD TPIP: 3.6928076000 05

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P63: 8RAKQUAD  
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R ANO RG				V ANO VG							
1.71990131249	06	1.23068749999	03	-3.24231437459	05	2.69499540328	02	-8.70084762573	00	1.45483222007	03
-1.67589999999	04	-3.39649999999	03	-3.27370999999	05	2.73038101196	02	2.73185729980	01	1.45867996215	03

LANO				TTF				CG			AFC	
1.73605474999	06	-3.35574999999	03	3.15549999999	03	-4.98119882812	02	0.99	-0.00	0.00	4.94834035634	00
								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

UNFC				UNWC							
-9.72930430345	-02	-1.48931336957	-02	-9.95144340458	-01	9.82690363291	-01	7.03170900312	-04	-1.85254299398	-01

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369281.81	14100.59	0	3470	3.0843	4.9483	3470	5567	0	4096	4096

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OISPLAYS:	TIME	MODE	VERBNOUN	H	HOOT	TTF	RANGE	A8VEL	TTF LPO	VHORIZ	OELTAH
	369282.16	63	6 63	46377	- 153	- 8 18	177C	48543	99 81	47865	99999

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ATTITUDE:	COUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
	369282.76	- 1.9995	96.5148	- 1.2194	- 0.0023	- 0.1371	- 0.0108	
	369282.76	- 1.3842	96.4929	- 1.1865	0.0000	- 0.2087	0.0659	0FSIRE0

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369282.759	+14071.33	+ 1141525.9	+ 1221395.9	+ 517897.9	+1113.68	- 882.89	- 388.84	+ 14126.18
ENV	369282.759	+14061.73	+ 1141489.8	+ 1219020.6	+ 523574.1	+1113.68	- 883.68	- 387.30	+ 14122.13
FRR	0.000	9.59	36.1	2375.3	5676.1	0.00	0.78	1.53	4.05

AGC	IN PCUNOS	+31021.65	+ 3745164.0	+ 4007204.7	+ 1699140.4	+3653.81	-2896.64	-1275.72	+ 46345.75
ENV	AND FOOT5	+31000.50	+ 3745045.5	+ 3999411.5	+ 1717762.9	+3653.81	-2899.22	-1270.69	+ 46332.47

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PIPTIME: 3.6928276000 05

||||| P63: BRAKQUAD |||||

TPIP: 3.6928276000 05

R AND RG				V AND VG							
1.72043656249	06	1.21318749999	03	-3.21327312499	05	2.65730381011	02	-8.80494117736	00	1.44927244186	03
-1.62167499999	04	-3.35437499999	03	-3.24459249999	05	2.69243621826	02	2.71274566650	01	1.45313339233	03

LAND				TTF				CG			AFC	
1.73605474999	06	-3.35587499999	03	3.14637499999	03	-4.95582651367	02	0.99	-0.00	0.00	4.94832172989	00
TRANSIENT 0.265								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

UNFC				UNWC							
-9.26809451910	-02	-1.47108901737	-02	-9.95587179562	-01	9.83001543162	-01	6.93179665650	-04	-1.83595984817	-01

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFSET	REG55
	369284.81	14071.33	0	3468	3.0893	4.9483	3468	5556	0	4096	4096

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DISPLAYS:	TIME	MOOE	VERBNOU	H	HOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
	369284.12	63	6 63	46346	- 159	- 8 15	1754	48341	99 81	47683	99999

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ATTITUDE:	CDUTIME	CDUX	COUY	CDUZ	OMEGAX	OMEGAY	CMEGAZ	ACTUAL	DESIREO
	369284.76	- 2.0104	96.2731	- 1.1315	- 0.0018	- 0.1301	0.0265		
	369284.76	- 1.3842	96.1962	- 1.1865	0.0000	- 0.2307	0.0659		

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369284.759	+14042.12	+ 1143745.9	+ 1219631.9	+ 517121.9	+ 1107.27	- 881.00	- 388.12	+ 14116.31	
ENV	369284.759	+14032.47	+ 1143710.8	+ 1217255.1	+ 522800.2	+ 1107.26	- 881.80	- 386.58	+ 14111.93	
ERR	0.000	9.65	35.1	2376.8	5678.2	0.00	0.79	1.53	4.37	

	IN POUNDS	AND FEET	+30957.27	+ 3752447.5	+ 4001417.3	+ 1696594.4	+ 3632.78	-2890.44	-1273.36	+ 46213.36
AGC										
ENV			+30935.99	+ 3752332.1	+ 3993619.1	+ 1715223.9	+ 3632.75	-2893.04	-1268.33	+ 46299.01

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PIPTIME: 3.6928476000 05  
 P63: 8RAKQUAD  
 TPIP: 3.6928476000 05

R AND RG				V AND VG							
1.72096431249	06	1.19549999999	03	-3.18434374999	05	2.61990213394	02	-8.89906883239	00	1.44368734359	03
-1.56819999999	04	-3.31499999999	03	-3.21558374999	05	2.65478134155	02	2.69569396972	01	1.44756088256	03

LANO				TTF				CG			AFC	
1.73605474999	06	-3.35599999999	03	3.13724999999	03	-4.93048666992	02	0.99	-0.00	0.00	4.94966981932	00
TRANSIENT 0.255								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

UNFC				UNWC							
-8.82437252835	-02	-1.45405183521	-02	-9.95992780231	-01	9.83308640377	-01	6.83076682988	-04	-1.81944088021	-01

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	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369285.81	14042.12	0	3467	3.0943	4.9496	3467	5546	0	4096	4096

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	TIME	MOOE	VERBNDUN	H	HOOT	TTF	RANGE	ARVEL	TTF LPD	VHORIZ	DELTAH
DISPLAYS:	369286.16	63	6 63	46313	- 165	- 8 13	1738	48139	99 81	47500	99999

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	COUTIME	COUX	CDUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRED
ATTITUDE:	369286.76	- 2.0214	95.5655	- 1.1425	- 0.0023	- 0.1907	- 0.0163		
	369286.76	- 1.3842	95.8337	- 1.1865	0.0000	- 0.1428	0.0549		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369286.759	+14012.98	+ 1145953.9	+ 1217871.9	+ 516345.9	+1100.86	- 879.09	- 387.38	+ 14105.99
ENV	369286.759	+14003.21	+ 1145918.9	+ 1215493.4	+ 522027.8	+1100.85	- 879.88	- 385.85	+ 14101.35
ERR	0.000	9.77	35.0	2378.5	5681.8	0.00	0.79	1.53	4.64

	IN POUNDS	ANO	FOOTS	+ 3759691.6	+ 3955643.0	+ 1694048.5	+3611.74	-2884.15	-1270.95	+ 46279.52
AGC										
ENV				+ 3759576.6	+ 3987839.3	+ 1712689.6	+3611.73	-2886.77	-1265.92	+ 46264.27

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PIPTIME: 3.69286760000 05 P63: 8RAKQUAO TPIP: 3.69286760000 05  

R AND RG				V ANO VG							
1.72148456249	06	1.17762499999	03	-3.15552624999	05	2.58268928527	02	-8.99319648742	00	1.43807692527	03
-1.51548749999	04	-3.27849999999	03	-3.18668874999	05	2.61731719970	02	2.67967224121	01	1.44196243286	03

LANO				TTF				CG			AFC	
1.73605474999	06	-3.35612499999	03	3.12812499999	03	-4.90517568359	02	0.99	-0.00	0.00	4.94986306875	00
								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

UNFC				UNWC							
-8.37464385493	-02	-1.43686958213	-02	-9.96383497761	-01	9.83611693665	-01	6.72869377958	-04	-1.80298594924	-01

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	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369287.81	14012.98	0	3471	3.1043	4.9498	3471	5534	0	4096	4096

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	TIME	MOOE	VERBNOUN	H	FOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	OELTAH
DISPLAYS:	369288.16	63	6 63	46280	- 171	- 8 10	1723	47936	99 81	47316	99999

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	COUTIME	CDUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRE
ATTITUDE:	369288.76	- 2.0324	95.6579	- 1.1206	- 0.0016	- 0.1280	0.0376		
	369288.76	- 1.3842	95.6140	- 1.1865	0.0000	- 0.1647	0.0549		

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	TIME	MASS		RN		VN		ALTITUDE	
AGC	369288.759	+13983.89	+ 1148149.9	+ 1216115.9	+ 515571.9	+1094.46	- 877.14	- 386.65	+ 14095.31
ENV	369288.759	+13973.94	+ 1148114.2	+ 1213735.5	+ 521256.8	+1094.45	- 877.94	- 385.10	+ 14090.37
ERR	0.000	9.95	35.7	2380.4	5684.8	0.00	0.79	1.54	4.93

AGC	IN PCUNDS	+30828.90	+ 3766896.3	+ 3989881.8	+ 1691509.1	+3590.75	-2877.76	-1268.54	+ 46244.46
ENV	ANO FOOT5	+30806.95	+ 3766779.1	+ 3982072.1	+ 1710160.2	+3590.73	-2880.38	-1263.46	+ 46228.27

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PIPTIME: 3.69288760000 05

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P63: BRAKQUAO  
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PTIP: 3.69288760000 05

	R AND RG		V ANO VG	
1.72199743749	06	1.15956249999	03	-3.12682124959 05
-1.46351249999	04	-3.24187499999	03	-3.15790499959 05
				2.54576683044 02
				2.58014297485 02
				-9.09719467163 00
				2.66250610351 01
				1.43245134353 03
				1.43634948730 03

	LANO		TTF		CG		AF
1.73605474999	06	-3.35624999999	03	3.11899999999 03	-4.87588769531	02	0.99 -0.00 0.00
							4.94966516271 00
							0.00 0.99 0.02
							-0.00 -0.02 0.99

	UNFC		UNWC	
-7.92252216568	-02	-1.41599369178	-02	-9.96756169000 -01
				9.83910730944 -01
				6.62550324453 -04
				-1.78659549306 -01

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369289.81	13983.89	0	3469	3.1092	4.9496	3469	5523	0	4096	4096

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OISPLAYS:	TIME	MODE	VERBNOUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
	369290.16	63	6 63	46244	- 178	- 8 8	1707	47733	99 81	47132	99999

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ATTITUDE:	COUIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIREO
	369290.76	- 2.0434	95.4272	- 1.0766	- 0.0023	- 0.1406	- 0.0133		
	369290.76	- 1.3842	95.3942	- 1.1865	0.0000	- 0.1867	0.0549		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369290.759	+13954.87	+ 1150331.9	+ 1214363.9	+ 514799.9	+1088.06	- 875.16	- 385.88	+ 14084.24
ENV	369290.759	+13944.67	+ 1150296.7	+ 1211981.6	+ 520487.4	+1088.06	- 875.96	- 384.33	+ 14079.02
ERR	0.000	10.20	35.2	2382.3	5687.4	0.00	0.80	1.54	5.22
AGC	IN PCUNDS	+30764.92	+ 3774055.1	+ 3984133.8	+ 1688976.3	+3569.77	-2871.28	-1266.01	+ 46208.16
ENV	AND FOOT5	+30742.43	+ 3773939.5	+ 3976317.8	+ 1707635.8	+3569.77	-2873.91	-1260.94	+ 46191.04

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PIPTIME: 3.6929076000 05 P63: BRAKQUAD TP1P: 3.6929076000 05

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P63: BRAKQUAD  
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R AND RG				V AND VG							
1.72250293749	06	1.14131249999	03	-3.09822874999	05	2.50913429260	02	-9.18121337890	00	1.42680048942	03
-1.41227499999	04	-3.20287499999	03	-3.12923499959	05	2.54325866699	02	2.64595031738	01	1.43071098327	03

LAND				TTF				CG			AFC		
1.73605474999	06	-3.35637499999	03	3.10587499999	03	-4.85463261718	02	0.99	-0.00	0.00	4.95088286697	CC	
TRANSIENT 0.249								0.00	0.99	0.02			
								-0.00	-0.02	0.95			

UNFC				UNWC							
-7.48809768224	-02	-1.40217251537	-02	-9.97093892536	-01	9.84205785779	-01	6.52119514619	-04	-1.77026963989	-01

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THRDTTLE:	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369291.81	13954.87	0	3473	3.1192	4.9508	3473	5513	0	4096	4096

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DISPLAYS:	TIME	MODE	VERANDUN	H	HDOT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
	369292.16	63	6 63	46208	- 184	- 8 5	1691	47530	99 81	46947	59959

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ATTITUDE:	CDUTIME	CDUX	CDUY	CDUZ	DMEGAX	DMEGAY	DMEGAZ	ACTUAL	DESIRED
	369292.76	- 2.0544	95.1745	- 1.1096	- 0.0027	- 0.1101	- 0.0327		
	369292.76	- 1.3842	95.1745	- 1.1865	0.0000	- 0.1977	0.0439		

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369292.759	+13925.91	+ 1152501.9	+ 1212615.9	+ 514027.9	+1081.68	- 873.16	- 385.11	+ 14072.81	
ENV	369292.759	+13915.40	+ 1152466.5	+ 1210231.7	+ 519719.4	+1081.68	- 873.96	- 383.55	+ 14067.29	
ERR	0.000	10.51	35.4	2384.2	5691.4	0.00	0.80	1.55	5.52	

	IN POUNDS	ANO FOOTS	+ 3781174.5	+ 3978398.9	+ 1686443.5	+3548.84	-2864.70	-1263.48	+ 46170.64
AGC		+30701.07							
ENV		+30677.90	+ 3781058.3	+ 3970576.4	+ 1705116.4	+3548.82	-2867.33	-1258.39	+ 46152.53

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PIPTIME:	3.69292760000 05		P63: 8RAKQUAO	TPIP:	3.69292760000 05

R AND RG				V ANO VG							
1.72300112459	06	1.12287499999	03	-3.06974937499	05	2.47279214859	02	-9.27524566650	00	1.42113442420	03
-1.36177499999	04	-3.16899999999	03	-3.10067624999	05	2.50666809082	02	2.63065338134	01	1.42505645751	03

LAND				TTF				CG		AFC		
1.73605474999	06	-3.35649999999	03	3.10074999999	03	-4.82939497070	02	0.99	-0.00	0.00	4.95105283334	00
								0.00	0.99	0.02		
		TRANSIENT	0.251					-0.00	-0.02	0.99		

UNFC				UNWC							
-7.05070556275	-02	-1.38281609347	-02	-9.97415428531	-01	9.84496889002	-01	6.41599291041	-04	-1.75400866286	-01

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	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFSET	REG55
THROTTLE:	369293.81	13925.91	0	3466	3.1192	4.9510	3466	5501	0	4096	4096

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	TIME	MODE	VERBNOU	H	HOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
DISPLAYS:	369294.16	63	6 63	46171	- 190	- 8 2	1676	47326	99 81	46761	99999

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	COUTIME	CDUX	COUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369294.76	- 2.0654	94.9548	- 1.1535	- 0.0024	- 0.1076	- 0.0158	
	369294.76	- 1.3842	94.9548	- 1.1865	0.0000	- 0.1977	0.0439	DESIREO

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369294.759	+13897.01	+ 1154659.9	+ 1210869.9	+ 513259.9	+1075.30	- 871.12	- 384.32	+ 14060.93
ENV	369294.759	+13886.13	+ 1154623.5	+ 1208485.8	+ 518953.1	+1075.30	- 871.93	- 382.77	+ 14055.16
ERR	0.000	10.87	36.4	2384.1	5653.1	0.00	0.80	1.55	5.77

AGC	IN POUNDS	+30637.35	+ 3788254.5	+ 3972670.6	+ 1683923.8	+3527.91	-2858.02	-1260.61	+ 46131.68
ENV	AND FEET	+30613.37	+ 3788134.9	+ 3964848.5	+ 1702602.2	+3527.89	-2860.66	-1255.81	+ 46112.74

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PIPTIME:	3.69294760000	05		TPIP:	3.69294760000	05
			P63: BR AKQUAD			

	R AND RG					V AND VG					
1.72349206249	06	1.10424999999	03	-3.04138374999	05	2.43663930892	02	-9.36923027038	00	1.41544327735	03
-1.31201249999	04	-3.13249999999	03	-3.07223124999	05	2.47026443481	02	2.61398315429	01	1.41937713623	03

	LAND					TTF	CG		AFC	
1.73605487499	06	-3.35662499999	03	3.09162499999	03	-4.80419057617	02	0.99 -0.00 0.00	4.95180021971	00
								0.00 0.99 0.02		
								-0.00 -0.02 0.99		

TRANSIENT 0.251

	UNFC					UNWC					
-6.61303581223	-02	-1.36524116614	-02	-9.97717588995	-01	9.84784073093	-01	6.30952412414	-04	-1.73781274251	-01

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369295.81	13897.01	0	3470	3.1292	4.5518	3470	5491	0	4096	4096

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DISPLAYS:	TIME	MODE	VER8NDUN	H	FOOT	TTF	RANGE	ARVEL	TTF LPO	VHORIZ	DELTAH
	369296.16	63	6 63	46132	- 157	- 8 0	1660	47122	99 81	46575	99999

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ATTITUDE:	COUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
	369296.76	- 2.0654	94.7460	- 1.1755	- 0.0025	- 0.0844	- 0.0208	
	369296.76	- 1.3842	94.7351	- 1.1865	0.0000	- 0.2087	0.0439	OESIREO

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369296.759	+13868.16	+ 1156803.9	+ 1209129.9	+ 512491.9	+1068.92	- 869.05	- 383.54	+ 14048.68
ENV	369296.759	+13856.86	+ 1156767.7	+ 1206744.0	+ 518188.4	+1068.92	- 869.86	- 381.97	+ 14042.63
ERR	0.000	11.30	36.2	2385.9	5696.4	0.00	0.81	1.56	6.05

	IN POUNDS	ANO FOOT	+ 3795288.7	+ 3966961.9	+ 1681404.1	+3506.98	-2851.23	-1258.33	+ 46091.49
AGC		+30573.76							
ENV	ANO FOOT	+30548.83	+ 3795169.7	+ 3959134.0	+ 1700093.2	+3506.97	-2853.90	-1253.20	+ 46071.62

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PIPTIME:	3.69296760000	05		TPIP:	3.69296760000	05
			P63: 8RAKQUAD			

	R AND RG	V AND VG
1.72397581249	06 1.08543749999 03 -3.01313187499 05 2.40067720413 02 -9.47308540344 00 1.40972695350 03	
-1.26257499999	04 -3.09587499999 03 -3.04389999999 05 2.43405532836 02 2.59605407714 01 1.41367301940 03	

	LANO	TTF	CG	AFC
1.73605487499	06 -3.35674999999 03 3.08249999999 03 -4.77901943359 02 0.99 -0.00 0.00 4.95177228003 00			
			0.00 0.99 0.02	
			-0.00 -0.02 0.99	

	UNFC	UNWC
-6.17645111256	-02 -1.34246124893 -02 -9.98000463359 -01 9.85067373818 -01 6.20216125772 -04 -1.72168186287 -01	

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369297.87	13868.16	0	3474	3.1392	4.9517	3474	5479	0	4096	4096

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OISPLAYS:	TIME	MODE	VERBNOUN	H	HDOT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
	369298.19	63	6 63	46091	- 203	- 7 57	1645	46917	99 81	46388	99999

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ATTITUDE:	CDUTIME	COUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRED
	369298.76	- 2.0764	94.5593	- 1.1755	- 0.0023	- 0.1069	- 0.0106		
	369298.76	- 1.3842	94.4494	- 1.1865	0.0000	- 0.2197	0.0549		

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369298.759	+13839.38	+ 1158933.9	+ 1207393.9	+ 511723.9	+1062.56	- 866.96	- 382.74	+ 14035.99	
ENV	369298.759	+13827.58	+ 1158899.2	+ 1205006.3	+ 517425.2	+1062.55	- 867.78	- 381.17	+ 14025.68	
ERR	0.000	11.79	34.7	2387.6	5701.2	0.01	0.81	1.57	6.31	

	IN PCUNOS	AND FOOTS								
AGC	+30510.30		+ 3802276.9	+ 3961266.4	+ 1678884.5	+3486.11	-2844.38	-1255.72	+ 46049.86	
ENV	+30484.29		+ 3802162.8	+ 3953433.0	+ 1697589.4	+3486.06	-2847.05	-1250.56	+ 46029.13	

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PIPTIME:	3.6929876000	05		TPIP:	3.6929876000	05
			P63: BRAKQUAO			

R AND RG					V AND VG						
1.72445237499	06	1.06637499999	03	-2.98499437499	05	2.36500501632	02	-9.57689285278	00	1.40400547981	03
-1.21464959999	04	-3.05699999999	03	-3.01568374999	05	2.39813232421	02	2.57682800292	01	1.40796356201	03

LAND					TTF		CG		AFC		
1.73605487499	06	-3.35687499999	03	3.07337499999	03	-4.75385239257	02	0.99 -0.00	0.00	4.95251035317	CC
								0.00 0.99	0.02		
								-0.00 -0.02	0.99		

UNFC					UNWC						
-5.74434506397	-02	-1.32105476427	-02	-9.98261354260	-01	9.85346816460	-01	6.09330831820	-04	-1.70561670938	-01

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	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369299.81	13839.38	0	3466	3.1392	4.9525	3466	5469	0	4096	4096

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	TIME	MODE	VERBNOUN	H	HDOT	TTF	RANGE	ARVEL	TTF LPO	VHORIZ	DELTAH
DISPLAYS:	369300.16	63	6 63	46050	- 210	- 7 55	1630	46713	99 81	46200	99999

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	COUTIME	CDUX	COUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369300.76	- 2.0874	94.2517	- 1.2084	- 0.0024	- 0.1805	- 0.0191	
	369300.76	- 1.3842	94.0869	- 1.1865	0.0000	- 0.1428	0.0659	DESIREO

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369300.759	+13810.66	+ 1161053.9	+ 1205661.9	+ 510959.9	+1056.19	- 864.84	- 381.93	+ 14022.93
ENV	369300.759	+13798.30	+ 1161017.9	+ 1203272.9	+ 516663.7	+1056.18	- 865.66	- 380.35	+ 14016.29
ERR	0.000	12.35	36.0	2389.0	5703.7	0.00	0.81	1.57	6.63

	IN POUNDS	ANO	FOOTS						
AGC	30446.98	+ 3809232.2	+ 3555583.9	+ 1676377.9	+3465.19	-2837.43	-1253.06	+ 46007.01	
ENV	30419.75	+ 3809114.1	+ 3947745.8	+ 1695091.0	+3465.17	-2840.11	-1247.89	+ 45985.23	

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PIPTIME: 3.69300760000 05      P63: 8RAKQUAD      TPIP: 3.69300760000 05

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R AND RG				V ANO VG							
1.72492181249	06	1.04712499999	03	-2.95697187499	05	2.32942390441	02	-9.68065261840	00	1.39E24891090	03
-1.16704959999	04	-3.01774999999	03	-2.98758124999	05	2.36230087280	02	2.55722045898	01	1.40221939086	03

LAND				TTF				CG			AFC	
1.73605487499	06	-3.35699999999	03	3.06424999999	03	-4.72873071289	02	0.99	-0.00	0.00	4.9523729E305	00
TRANSIENT 0.250								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

UNFC				UNWC							
-5.30913262847	-02	-1.29825826097	-02	-9.98505264694	-01	9.85622429984	-01	5.98333776984	-04	-1.68961733858	-01

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	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369301.81	13810.66	0	3476	3.1542	4.9523	3476	5457	0	4096	4096

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	TIME	MODE	VERBNOUN	H	HDOT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
DISPLAYS:	369302.16	63	6 63	46007	- 218	- 7 52	1614	46507	99 81	46012	99999

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	COU	TIME	CDUX	COUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRED
ATTITUDE:	369302.76	- 2.0983	53.9660	- 1.1425	- 0.0009	- 0.1260	0.0789			
	369302.76	- 1.3842	93.8671	- 1.1865	0.0000	- 0.1757	0.0769			

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369302.759	+13781.15	+ 1163159.9	+ 1203935.9	+ 510197.9	+1049.84	- 862.69	- 381.11	+ 14009.37	
ENV	369302.759	+13769.03	+ 1163123.9	+ 1201543.7	+ 515903.8	+1049.83	- 863.51	- 379.52	+ 14002.49	
ERR	0.000	12.12	36.0	2392.2	5705.8	0.01	0.82	1.58	6.88	

	IN POUNDS	+	3816141.7	+ 3949921.2	+ 1673877.9	+3444.36	-2830.34	-1250.36	+ 45962.51
AGC									
ENV	ANO FOOT5	+30355.20	+ 3816023.5	+ 3942072.6	+ 1692597.9	+3444.32	-2833.05	-1245.17	+ 45939.92

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PIPTIME: 3.69302760000 05

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P63: BRAKQUAO  
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TPIP: 3.69302760000 05

	R	ANO	RG	V	ANO	VG
1.72538418749	06	1.02768749999	03	-2.92906437459	05	2.29433345794 02
-1.12016249999	04	-2.97874999999	03	-2.95959374999	05	2.32696533203 02
						-9.78441238403 00
						1.39247722625 03
						2.53746032714 01
						1.39646034240 03

	LANO	TTF	CG	AFC
1.73605487499	06	-3.35712499999 03	3.05512499999 03	-4.70363095703 02
			0.99 -0.00 0.00	4.95297601446 00
			0.00 0.99 0.02	
			-0.00 -0.02 0.99	

TRANSIENT 0.244

	UNFC	UNWC
-4.88389715385 -02	-1.27435866677 -02	-9.98725365579 -01
		9.85894251233 -01
		5.87232412899 -04
		-1.67368397684 -01

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	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369303.89	13781.15	0	3474	3.1592	4.9529	3474	5446	0	4096	4096

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	TIME	MODE	VERBNOUN	H	FOOT	TTF	RANGE	A8VEL	TTF LPO	VHORIZ	DELTA
DISPLAYS:	369304.40	63	6 63	45963	- 224	- 7 50	1599	46302	99 81	45823	99999

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	COUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369304.76	- 2.1093	93.7123	- 1.0546	- 0.0021	- 0.1117	0.0040	
	369304.76	- 1.3842	93.6474	- 1.1865	0.0000	- 0.1757	0.0769	DESIRE0

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369304.759	+13751.70	+ 1165251.9	+ 1202211.9	+ 509435.5	+1043.48	- 860.51	- 380.26	+ 13995.43
ENV	369304.759	+13739.75	+ 1165217.2	+ 1199818.8	+ 515145.6	+1043.48	- 861.33	- 378.67	+ 13988.25
ERR	0.000	11.95	34.7	2393.1	5709.6	0.00	0.82	1.58	7.18

	IN PCUNOS	AND FOOTS	+30317.01	+ 3823005.2	+ 3944265.0	+ 1671377.9	+3423.51	-2823.20	-1247.59	+ 45916.78
AGC										
ENV			+30290.65	+ 3822891.3	+ 3936413.6	+ 1690110.3	+3423.50	-2825.91	-1242.37	+ 45893.23

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PIPTIME:	3.69304760000	05		P63: BRAKQUAO	TPIP:	3.69304760000	05
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	R AND RG	V AND VG
1.72583956249	06 1.00795999999 03 -2.90127249999 05 2.25933408737 02 -9.87820625305 00 1.38668041229 03	
-1.07396249999	04 -2.93962499999 03 -2.93172249999 05 2.29172134399 02 2.51846313476 01 1.39067535400 03	

	LANO	TTF	CG	AFC
1.73605487499	06 -3.35724999999 03 3.04599999999 02 -4.67856113281 02 0.99 -0.00 0.00 4.95381886139 00			
			0.00 0.99 0.02	
			-0.00 -0.02 0.99	

	UNFC	UNWC
-4.46343266280	-02 -1.25607726827 -02 -9.98924423505 -01 9.86162312585 -01 5.75982030004 -04 -1.65781668109 -01	

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	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369305.97	13751.70	0	3477	3.1692	4.9538	3477	5435	0	4096	4096

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	TIME	MODE	VERBNDUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
OISPLAYS:	369306.41	63	6 63	45917	- 231	- 7 47	1584	46095	99 81	45633	99999

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	COUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIREO
ATTITUDE:	369306.76	- 2.1203	93.5046	- 1.0876	- 0.0028	- C.1191	- 0.0412		
	369306.76	- 1.3842	93.4277	- 1.1865	0.0000	- 0.1867	0.0769		

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369306.759	+13722.33	+ 1167333.9	+ 1200493.9	+ 508675.9	+ 1037.15	- 858.30	- 379.40	+ 13981.12	
ENV	369306.759	+13710.46	+ 1167297.9	+ 1198098.4	+ 514389.1	+1037.14	- 859.13	- 377.81	+ 13973.59	
ERR	0.000	11.86	36.0	2395.5	5713.1	0.00	0.83	1.59	7.52	

	IN PCUNOS	ANO FOOTS								
AGC	+30252.25	+ 3829835.9	+ 3938628.6	+ 1668884.5	+3402.72	-2815.94	-1244.77	+ 45869.83		
ENV	+30226.09	+ 3829717.6	+ 3930769.0	+ 1687628.4	+3402.69	-2818.68	-1239.53	+ 45845.13		

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PIPTIME:	3.69306760000	05		P63: 8RAKQUAO	TPIP:	3.69306760000	05
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	R ANO RG					V ANO VG					
1.72628759999	06	9.88124999999	02	-2.97359687499	05	2.22472620010	02	-9.97195243835	00	1.38086857795	03
-1.02847499999	04	-2.90299999999	03	-2.90396624999	05	2.25686264038	02	2.50045776367	01	1.38487510681	03

	LANO					TTF	CG			AFC
1.73605487499	06	-3.35737499999	03	3.03687499999	03	-4.65351147460	02	0.99 -0.00 0.00	4.95361629873	CC
								0.00 0.69 0.02		
								-0.00 -0.02 0.99		

	UNFC					UNWC					
-4.04308412237	-02	-1.23569520184	-02	-9.99105926723	-01	9.86426639553	-01	5.64634797396	-04	-1.64201601595	-01

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369307.97	13722.33	0	3470	3.1692	4.9536	3470	5424	0	4096	4096

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DISPLAYS:	TIME	MODE	VFRBNOUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTA
	369308.41	63	6 63	45870	- 238	- 7 45	1569	45889	99 81	45442	99999

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ATTITUDE:	COUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
	369308.76	- 2.1203	93.2519	- 1.1315	- 0.0018	- 0.1197	C.0164	
	369308.76	- 1.3842	93.2080	- 1.1865	0.0000	- 0.1977	0.0769	OESIREO

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369308.759	+13693.01	+ 1169401.9	+ 1198777.9	+ 507917.9	+1030.82	- 856.06	- 378.53	+ 13966.31	
ENV	369308.759	+13681.18	+ 1169365.8	+ 1196382.3	+ 513634.4	+1030.80	- 856.90	- 376.93	+ 13958.50	
ERR	0.000	11.83	36.1	2395.6	5716.4	0.01	0.83	1.60	7.80	

	IN POUNDS	AND FEET	+30187.61	+ 3836620.7	+ 3932998.6	+ 1666397.6	+3381.96	-2808.62	-1241.92	+ 45821.23
AGC										
ENV			+30161.53	+ 3836502.1	+ 3925139.0	+ 1685152.2	+3381.91	-2811.35	-1236.67	+ 45795.61

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PIPTIME: 3.69308760000 05

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P63: 8RAKQUAD  
|||||

TPIP: 3.69308760000 05

R AND RG					V AND VG						
1.72672949999	06	9.68062499999	02	-2.84603749999	05	2.19030857086	02	-1.00656986236	01	1.37504172325	03
-9.83674999999	03	-2.86649999999	03	-2.87632624999	05	2.22219848632	02	2.48226165771	01	1.37905960083	03

LAND				TTF		CG			AFC	
1.736054E7499	06	-3.35749999999	03	3.02774999999	03	-4.62848007812	02	0.99 -0.00 0.00	4.95413085445	00
TRANSIENT 0.240						-0.00 -0.02 0.99				

UNFC					UNWC						
-3.62446459521	-02	-1.21414648366	-02	-9.99269188192	-01	9.86687267622	-01	5.53168353523	-04	-1.62628195328	-01

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	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REC55
THROTTLE:	369309.96	13693.01	0	3468	3.1742	4.9541	3468	5413	0	4096	4096

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	TIME	MODE	VERBNOUN	H	HDCT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
DISPLAYS:	369310.41	63	6 63	45821	- 245	- 7 42	1554	45682	99 81	45252	99999

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	CDUTIME	CDUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369310.76	- 2.1313	93.0102	- 1.0437	- 0.0016	- 0.0700	0.0354	
	369310.76	- 1.3842	92.9882	- 1.1865	0.0000	- 0.2087	0.0769	DESIRED

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369310.759	+13663.75	+ 1171455.9	+ 1197067.9	+ 507161.9	+ 1024.49	- 853.80	- 377.65	+ 13951.06	
ENV	369310.759	+13651.89	+ 1171421.1	+ 1194670.7	+ 512881.4	+ 1024.47	- 854.63	- 376.04	+ 13942.97	
ERR	0.000	11.85	34.8	2397.2	5719.4	0.01	0.83	1.60	8.09	
AGC	IN POUNDS	+30123.11	+ 3843359.5	+ 3927388.4	+ 1663917.3	+3361.19	-2801.20	-1239.03	+ 45771.20	
ENV	AND FOOTS	+30096.97	+ 3843245.3	+ 3919523.6	+ 1682681.7	+3361.15	-2803.92	-1233.75	+ 45744.66	

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PIPTIME: 3.6931076000 05 P63: 8RAKQUAD TP1P: 3.69310760000 05

|||||  
P63: 8RAKQUAD  
|||||

R AND RG				V AND VG							
1.72716412499	06	9.47812499999	02	-2.81859499999	05	2.15608215332	02	-1.01593971252	01	1.36518983459	03
-9.39599999999	03	-2.82999999999	03	-2.84880374999	05	2.18772888183	02	2.46391296386	01	1.37321929931	03

LAND				TTF		CG			AFC	
1.73605499999	06	-3.35762499999	03	3.01862499999	03	-4.60348505859	02	0.99 -0.00 0.00	4.95490850880 00	
TRANSIENT 0.237						0.00 0.99 0.02				
						-0.00 -0.02 0.99				

UNFC				UNWC							
-3.21033098959	-02	-1.19428295708	-02	-9.99413200991	-01	9.86944226494	-01	5.41612504861	-04	-1.61061480328	-01

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	TIME	MASS	WEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369311.97	13663.75	0	3471	3.1842	4.9549	3471	5402	0	4096	4056

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	TIME	MODE	VERBNOUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
DISPLAYS:	369312.41	63	6 63	45771	- 253	- 7 40	1539	45475	99 81	45060	99999

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	CDUTIME	COUX	COUY	COUZ	OMEGAX	OMFGAY	OMEGAZ	ACTUAL	DESIRED
ATTITUDE:	369312.76	- 2.1423	92.7905	- 0.9667	- 0.0016	- 0.1338	0.0300		
	369312.76	- 1.3842	92.7246	- 1.1865	0.0000	- 0.2197	0.0878		

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369312.759	+13634.56	+ 1173499.9	+ 1195363.9	+ 506407.9	+1018.16	- 851.51	- 376.75	+ 13935.37	
ENV	369312.759	+13622.61	+ 1173463.8	+ 1192963.8	+ 512130.2	+1018.15	- 852.35	- 375.14	+ 13926.99	
ERR	0.000	11.95	36.1	2400.1	5722.2	0.01	0.83	1.61	8.37	

	IN POUNDS	AND FOOT	+30058.76	+ 3850065.6	+ 3921797.9	+ 1661443.5	+3340.44	-2793.68	-1236.07	+ 45719.73
AGC										
ENV			+30032.40	+ 3849946.8	+ 3913923.2	+ 1680217.2	+3340.41	-2796.42	-1230.78	+ 45692.24

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PIPTIME:	3.69312760000	05		P63: 8RAKQUAD	TPIP:	3.69312760000	05

	R AND RG	V ANO VG
1.72759193749	06 9.27437499999 02 -2.79126999999 05 2.12214612960 02 -1.02430343627 01 1.36331300735 03	
-8.96187499999	03 -2.79337499999 03 -2.82139749999 05 2.15354537963 02 2.44632720947 01 1.36735382080 03	

	LANO	TTF	CG	AFC
1.73605499999	06 -3.35774999999 03 3.00949999999 03 -4.57852055664 02 0.99 -0.00 0.00 4.95520886033 00			
			0.00 0.99 0.02	
			-0.00 -0.02 0.99	

	UNFC	UNWC
-2.79518721267	-02 -1.17642879212 -02 -9.99540041406 -01 9.87197544105 -01 5.29967242268 -04 -1.59501498570 -01	

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369313.97	13634.56	0	3475	3.1942	4.9552	3475	5391	0	4096	4096

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OISPLAYS:	TIME	MODE	VERBNOUN	H	FOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	OELTAH
	369314.41	63	6 63	45720	- 260	- 7 37	1524	45268	99 81	44867	99999

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ATTITUDE:	COUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRE0
	369314.76	- 2.1533	92.4169	- 0.8789	- 0.0012	- 0.2104	0.0462		
	369314.76	- 1.3842	92.3291	- 1.1865	0.0000	- 0.1318	0.0769		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369314.759	+13605.43	+ 1175529.9	+ 1193661.9	+ 505653.9	+1011.85	- 849.19	- 375.82	+ 13919.18
ENV	369314.759	+13593.32	+ 1175493.8	+ 1191261.3	+ 511380.8	+1011.84	- 850.03	- 374.21	+ 13910.57
ERR	0.000	12.11	36.1	2400.6	5726.8	0.01	0.83	1.61	8.61

	IN PCUNOS	AND FOOTS							
AGC	+29994.54	+ 3856725.7	+ 3916213.9	+ 1658969.8	+3319.74	-2786.08	-1233.03	+ 45666.62	
ENV	+29967.83	+ 3856607.1	+ 3908337.8	+ 1677758.6	+3319.70	-2788.83	-1227.73	+ 45638.36	

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PIPTIME:	3.69314760000	05			P63: 8RAKQUAQ	TPIP:	3.69314760000	05

	R AND RG				V AND VG						
1.72801299999	06	9.06874999999	02	-2.76406249999	05	2.08850193023	02	-1.03166103363	01	1.35742120742	03
-8.53449999999	03	-2.75949999999	03	-2.79410874999	05	2.11965942382	02	2.43080139160	01	1.36147270202	03

	LAND				TTF	CG			AFC	
1.73605499999	06	-3.35787499999	03	3.00037499999	03	-4.55357666015	02	0.99 -0.00 0.00	4.95481304824	00
								0.00 0.99 0.02		
								-0.00 -0.02 0.99		

	TRANSFNT	0.234				UNWC					
-2.38603892807	-02	-1.16345914552	-02	-9.99647596958	-01	9.87447256806	-01	5.18225130793	-04	-1.57948239837	-01

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THRDTITLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIPPSET	REG55
	369315.97	13605.43	0	3473	3.1992	4.9548	3473	5379	0	4096	4096

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DISPLAYS:	TIME	MODE	VERBNOUN	H	HDOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
	369316.41	63	6 63	45667	- 267	- 7 35	1509	45060	99 81	44674	99999

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ATTITUDE:	COUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
	369316.76	- 2.1533	92.1752	- 0.8129	- 0.0019	- 0.0814	0.0132	
	369316.76	- 1.3842	92.1093	- 1.1865	0.0000	- 0.1428	0.0659	CESIREO

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	TIME	MASS		RN		VN		ALTITUDE
AGC	369318.759	+13547.35	+ 1179551.9	+ 1190275.9	+ 504155.9	+ 999.27	- 844.46 - 373.92	+ 13885.68
ENV	369318.759	+13534.73	+ 1179516.0	+ 1187870.6	+ 509887.8	+ 999.26	- 845.31 - 372.29	+ 13876.44
ERR	0.000	12.61	35.9	2405.3	5731.8	0.01	0.84 1.63	9.24
AGC	IN POUNOS	+29866.50	+ 3869921.2	+ 3905104.9	+ 1654055.1	+3278.45	-2770.56 -1226.79	+ 45556.71
ENV	ANO FCCTS	+29838.68	+ 3869803.1	+ 3897213.5	+ 1672860.3	+3278.41	-2773.33 -1221.44	+ 45526.39

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PIPTIME: 3.6931876000 05  
 P63: 8RAKQUAO  
 TPIP: 3.6931876000 05

	R ANO PG		V ANO VG			
1.72883512499	06	8.65312499999	02	-2.71000249999 05		
-7.69999999999	03	-2.69674999999	03	-2.73988499999 05		
				2.02218866348 02		
				2.05285644531 02		
				-1.04536533355 01		
				2.40261077880 01		
				1.34557271003 03		
				1.34964447021 03		
	LANO		TTF	CG	AFC	
1.73605499999	06	-3.35812499999	03	2.98212499999 03	-4.50377543945 02	0.99 -0.00 0.00
						0.00 0.99 0.02
						-0.00 -0.02 0.99
	TRANSIENT	0.226				
	UNFC		UNWC			
-1.59037196500	-02	-1.13505713060	-02	-9.99809099894	-01	9.87935984424
						4.94480130218
						-04
						-1.54862023001
						-01

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369319.97	13547.35	0	3474	3.2142	4.9556	3474	5357	0	4096	4096

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DISPLAYS:	TIME	MODE	VERBNOUN	H	HOOT	TTF	RANGE	A8VEL	TTF LPO	VHORIZ	DELTAH
	369320.41	63	6 63	45557	- 281	- 7 30	1480	44643	99 81	44286	99999

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ATTITUDE:	CDUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIREO
	369320.76	- 2.1752	91.7138	- 1.0107	- 0.0033	- 0.1431	- 0.0783		
	369320.76	- 1.3842	91.6699	- 1.1865	0.0000	- 0.1538	0.0439		

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	TIME	MASS		RN		VN		ALTITUDE
AGC	369320.759	+13518.41	+ 1181543.9	+ 1188587.9	+ 503407.9	+ 992.99	- 842.05 - 372.95	+ 13868.24
ENV	369320.759	+13505.44	+ 1181508.2	+ 1186182.4	+ 509144.1	+ 992.97	- 842.90 - 371.32	+ 13858.73
ERR	0.000	12.97	35.7	2405.5	5736.1	0.01	0.85 1.63	9.51

	IN POUNDS							
AGC	29802.69	+ 3876456.6	+ 3899566.9	+ 1651601.0	+ 3257.84	-2762.64	-1223.61	+ 45499.50
ENV	29774.09	+ 3876339.4	+ 3891674.7	+ 1670420.5	+ 3257.80	-2765.44	-1218.27	+ 45468.28

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PIPTIME:	3.69320760000	05		TPIP:	3.69320760000	05
			P63: BRAKQUAD			

		R AND RG			V AND VG		
1.72923631249	06	8.44312499999	02	-2.68315062499	05	1.98941858345	02
-7.29287499999	03	-2.66787499999	03	-2.71295124999	05	-1.05271339416	01
						2.38899230957	01

		LAND		TTF		CG		AFC
1.73605499999	06	-3.35824999999	03	2.97299999999	03	-4.47891645507	02	0.99 -0.00 0.00
								4.95604472234
		TRANSIENT	0.224					0.00 -0.99 0.02
								-0.00 -0.02 0.99

		UNFC				UNWC		
-1.19897079085	-02	-1.11958506097	-02	-9.99865440863	-01	9.88175062156	-01	4.82492144179
								-04 -1.53329102692

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	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369321.97	13518.41	0	3478	3.2242	4.9560	3478	5346	0	4096	4096

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	TIME	MODE	VERBNOUN	H	HDOT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
DISPLAYS:	369322.41	63	6 63	45500	- 288	- 7 27	1465	44434	99 81	44091	99999

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	CDUTIME	CDUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369322.76	- 2.1862	91.4941	- 1.1206	- 0.0025	- 0.0653	- 0.0204	
	369322.76	- 1.3842	91.4501	- 1.1865	0.0000	- 0.1538	0.0329	DESIRED

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	TIME	MASS		RN		VN		ALTITUDE
AGC	369322.759	+13489.53	+ 1183523.9	+ 1186907.9	+ 502663.9	+ 986.71	- 839.61 - 372.00	+ 13850.43
ENV	369322.759	+13476.14	+ 1183487.9	+ 1184499.0	+ 508402.4	+ 986.70	- 840.46 - 370.36	+ 13840.58
ERR	0.000	13.38	36.0	2408.9	5738.4	0.01	0.85 1.63	9.85

	IN POUNDS							
AGC	+29739.02	+ 3882952.7	+ 3894055.1	+ 1649160.1	+ 3237.25	-2754.63	-1220.47	+ 45441.06
ENV	+29709.51	+ 3882834.4	+ 3886151.8	+ 1667987.2	+ 3237.21	-2757.42	-1215.10	+ 45408.74

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PIPTIME:					PTIP:		
	3.6932276000	05		P63: BRAKQUAD		3.6932276000	05

		R AND RG			V AND VG		
1.72963093749	06	8.23187499999	02	-2.65641812499	05	1.95684146881	02 -1.06205940246 01
-6.89199999999	03	-2.63637499999	03	-2.68613624999	05	1.98702239990	02 2.37197875976 01

		LAND		TTF		CG		AFC
1.73605499999	06	-3.35837499999	03	2.96387499999	03	-4.45407846679	02 0.99 -0.00 0.00	4.95612388476 00
		TRANSIENT	0.226				0.00 0.99 0.02	
							-0.00 -0.02 0.99	

		UNFC			UNWC		
-8.04409872234	-03	-1.09483298901	-02	-9.99907709015	-01	9.88410653936	-01 4.70422205835 -04 -1.51803023314 -01

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369323.97	13489.53	0	3476	3.2292	4.9561	3476	5334	0	4056	4096

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OISPLAYS:	TIME	MODE	VERBNOUN	H	HOOT	TTF	RANGE	A8VEL	TTF LPO	VHDRIZ	OELTAA
	369324.41	63	6 63	45441	- 296	- 7 25	1451	44224	99 81	43895	99999

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ATTITUDE:	CDUTIME	CDUX	COUY	COUZ	DMEGAX	DMEGAY	DMEGAZ	ACTUAL
	369324.76	- 2.1972	91.2963	- 1.0986	- 0.0017	- 0.1164	0.0230	
	369324.76	- 1.3842	91.2304	- 1.1865	0.0000	- 0.1538	0.0439	OESTRED

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369324.759	+13460.71	+ 1185491.9	+ 1185229.9	+ 501919.9	+ 980.45	- 837.13	- 371.04	+ 13832.12
ENV	369324.759	+13446.84	+ 1185455.0	+ 1182820.6	+ 507662.7	+ 980.43	- 837.99	- 369.39	+ 13821.99
ERR	0.000	13.86	36.9	2409.3	5742.7	0.02	0.85	1.64	10.13

AGC	IN PCUNOS	+29675.48	+ 3889409.4	+ 3888549.8	+ 1646719.1	+3216.70	-2746.51	-1217.32	+ 45380.98
ENV	AND FOOTS	+29644.92	+ 3889288.2	+ 3880645.1	+ 1665560.2	+3216.64	-2749.32	-1211.91	+ 45347.74

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PIPTIME: 3.6932476000 05

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P63: BRAKQUAD  
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TPIP: 3.6932476000 05

R AND RG				V AND VG							
1.73001906249	06	8.01812499999	02	-2.62980499999	05	1.92455530166	02	-1.07239246368	01	1.32765831947	03
-6.49787499999	03	-2.60012499999	03	-2.65944124999	05	1.95449447631	02	2.35137939453	01	1.33176193237	03

LANO				TTF				CG				AFC			
1.73605499999	06	-3.35849999999	03	2.95474999999	03	-4.42525756835	02	0.99	-0.00	0.00	4.95657091960	00	0.00	0.99	0.02
TRANSIENT 0.221								-0.00	-0.02	0.99					

UNFC				UNWC							
-4.18312780155	-03	-1.06864490751	-02	-9.99934148455	-01	9.88642796420	-01	4.58203255919	-04	-1.50283768704	-01

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	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369325.97	13460.71	0	3473	3.2342	4.6565	3473	5323	0	4096	4096

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OISPLAYS:	TIME	MODE	VERBNQUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
	369326.41	63	6 63	45381	- 303	- 7 22	1436	44015	99 81	43699	99999

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ATTITUDE:	COUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRE0
	369326.76	- 2.1972	91.0766	- 1.0546	- 0.0019	- 0.0830	0.0121		
	369326.76	- 1.3842	91.0107	- 1.1865	0.0000	- 0.1538	0.0659		

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369326.759	+13431.12	+ 1187445.9	+ 1183557.9	+ 501179.9	+ 974.18	- 834.63	- 370.05	+ 13813.37	
ENV	369326.759	+13417.54	+ 1187409.6	+ 1181147.1	+ 506924.9	+ 974.16	- 835.49	- 368.40	+ 13802.94	
ERR	0.000	13.57	36.3	2410.8	5744.9	0.01	0.86	1.65	10.42	
AGC	IN POUNDS	+29610.26	+ 3895820.2	+ 3883064.3	+ 1644251.3	+ 3196.13	-2738.29	-1214.09	+ 45319.47	
ENV	ANO FOOTS	+29580.32	+ 3895700.9	+ 3875154.6	+ 1663135.5	+ 3196.08	-2741.13	-1208.67	+ 45285.25	

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PIPTIME: 3.6932676000 05 P63: BRAKQUAO TP1P: 3.6932676000 05

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P63: BRAKQUAO  
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R AND RG				V ANO VG							
1.73040074999	06	7.80249999999	02	-2.60331187499	05	1.89246129989	02	-1.08172893524	01	1.32163715362	03
-6.11037499999	03	-2.56112499999	03	-2.63286624999	05	1.92216110229	02	2.33013153076	01	1.32575225830	03

LANO				TTF				CG			AFC	
1.73605512499	06	-3.35862499999	03	2.94562499999	03	-4.40448656289	02	0.99	-0.00	0.00	4.95639629662	0C
TRANSIENT 0.224								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

UNFC				UNWC							
-2.78505235862	-04	-1.04515026884	-02	-9.99945342769	-01	9.88871516959	-01	4.45894894599	-04	-1.48771382072	-01

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	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369327.97	13431.12	0	3482	3.2492	4.9563	3482	5312	0	4096	4096

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OISPLAYS:	TIME	MODE	VERBNOUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
	369328.41	63	6 63	45319	- 310	- 7 20	1422	43804	99 81	43502	99999

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ATTITUDE:	COUTIME	COUX	COUY	COUZ	DMEGAX	DMEGAY	DMEGAZ	ACTUAL	OESIREO
	369328.76	- 2.2092	90.9008	- 1.0107	- 0.0017	- 0.1047	0.0195		
	369328.76	- 1.3842	90.7910	- 1.1865	0.0000	- 0.1538	0.0769		

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	TIME	MASS	PN				VN			ALTITUDE
AGC	369328.759	+13401.61	+ 1189387.9	+ 1181891.9	+ 500439.9	+ 567.92	- 832.11	- 369.06	+ 13794.18	
ENV	369328.759	+13388.24	+ 1189351.7	+ 1179478.6	+ 506189.1	+ 567.90	- 832.97	- 367.40	+ 13783.43	
ERR	0.000	13.36	36.2	2413.3	5749.1	0.01	0.86	1.66	10.74	

	IN POUNDS	AND	FOOTS						
AGC	+29545.19	+ 3902191.6	+ 3877598.4	+ 1641863.5	+3175.60	-2730.02	-1210.84	+ 45256.52	
ENV	+29515.72	+ 3902072.7	+ 3869680.5	+ 1660725.4	+3175.54	-2732.86	-1205.38	+ 45221.25	

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PIPTIME:	3.6932876000	05		TPIP:	3.6932876000	05
			P62: BRAKQUAD			

R AND RG				V AND VG							
1.7307766249	06	7.5849999999	02	-2.57693937499	05	1.86055946350	02	-1.09106540679	01	1.31561117172	03
-5.72912499999	03	-2.52487499999	03	-2.60641124999	05	1.89001846313	02	2.30995178222	01	1.31973724365	03

LAND				TTF		CG		AFC		
1.73605512495	06	-3.35874999999	03	2.93645999999	03	-4.37971704101	02	0.99 -0.00 0.00	4.95674554258	00
								0.00 0.99 0.02		
								-0.00 -0.02 0.99		

UNFC				UNWC							
3.57454075862	-03	-1.02073316359	-02	-9.99941514809	-01	9.89096846853	-01	4.33467327100	-04	-1.47265880808	-01

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	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369329.97	13401.61	0	3474	3.2492	4.9567	3474	5300	0	4096	4096

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OISPLAYS:	TIME	MOOP	VERBNOUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
	369330.41	63	6 63	45257	- 318	- 7 18	1408	43594	99 81	43305	99999

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ATTITUDE:	CDUTIME	CDUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRED
	369330.76	- 2.2192	90.6701	- 0.9667	- 0.0017	- 0.1182	0.0183		
	369330.76	- 1.3842	90.5712	- 1.1865	0.0000	- 0.1538	0.0878		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369330.759	+13372.16	+ 1191317.9	+ 1180229.9	+ 499701.9	+ 961.66	- 829.56	- 368.05	+ 13774.49
ENV	369330.759	+13358.94	+ 1191281.3	+ 1177815.2	+ 505455.3	+ 961.65	- 830.43	- 366.38	+ 13763.45
ERR	0.000	13.21	36.6	2414.7	5753.3	0.01	0.86	1.67	11.04
AGC	IN POUNDS	+29480.26	+ 3908523.6	+ 3872145.6	+ 1639442.2	+3155.07	-2721.67	-1207.52	+ 45191.92
ENV	AND FOOTS	+29451.12	+ 3908403.2	+ 3864223.2	+ 1658318.0	+3155.02	-2724.51	-1202.04	+ 45155.70

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PIPTIME: 3.6933076000 05 P63: BRAKQUAD TP IP: 3.6933076000 05

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P63: BRAKQUAD  
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R AND RG				V AND VG							
1.73114459999	06	7.36624999999	02	-2.55068749999	05	1.82884883880	02	-1.09939575195	01	1.30956039428	03
-5.35437459999	03	-2.48849999999	03	-2.58007749999	05	1.85807037353	02	2.29049682617	01	1.31369743347	03

LAND			TTF			CG			AFC		
1.73605512499	06	-3.35887499999	03	2.92737499999	03	-4.35498540039	02	0.99 -0.00 0.00	4.95657324790	00	
TRANSIENT 0.223						0.00 0.99 0.02					
						-0.00 -0.02 0.99					

UNFC				UNWC							
7.46761724151	-03	-1.00127120255	-02	-9.99921987101	-01	9.89318815766	-01	4.20972700828	-04	-1.45767292465	-01

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THRDTTLE:	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369332.17	13372.16	0	3477	3.2592	4.5565	3477	5288	- 1	4096	4095

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DISPLAYS:	TIME	MODE	VERBNOUN	H	HDOT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
	369332.49	63	6 63	45192	- 326	- 7 15	1393	43383	99 81	43106	99999

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ATTITUDE:	CDUTIME	CDUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRED
	369332.76	- 2.2192	90.4174	- 0.9448	- 0.0025	- 0.1304	- 0.0268		
	369332.76	- 1.3842	90.3515	- 1.1865	0.0000	- 0.1647	0.0988		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369332.759	+13342.77	+ 1193233.9	+ 1178573.9	+ 498967.9	+ 955.41	- 826.98	- 367.01	+ 13754.31
ENV	369332.759	+13329.63	+ 1193198.3	+ 1176156.9	+ 504723.6	+ 955.40	- 827.85	- 365.34	+ 13743.00
ERR	0.000	13.13	35.6	2417.0	5755.6	0.01	0.86	1.66	11.31

	IN POUNDS	AND FOOT							
AGC	+29415.47	+ 3914809.7	+ 3866712.5	+ 1637074.1	+3134.56	-2713.22	-1204.13	+ 45125.69	
ENV	+29386.52	+ 3914692.7	+ 3858782.6	+ 1655917.3	+3134.52	-2716.07	-1198.65	+ 45088.58	

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PIPTIME:	3.69332760000	05		TPIP:	3.69332760000	05
			P63: 8RAKQUAD			

	R AND RG					V AND VG					
1.73150762499	06	7.14562499999	02	-2.52455687499	05	1.79743099212	02	-1.10671997070	01	1.30348491668	03
-4.98587499999	03	-2.45462499999	03	-2.55386374999	05	1.82640838623	02	2.27310180664	01	1.30763206481	C3

	LANO					TTF	CG			AFC		
1.73605512499	06	-3.35899999999	03	2.91824999999	03	-4.33028588667	02	0.99	-0.00	0.00	4.95665473863	00
								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

	TRANSIENT	D.217					UNFC					UNWC
1.12593516475	-02	-9.84022579696	-03	-9.99888192227	-01	9.89537453795	-01	4.08366318887	-04	-1.44275641648	-01	

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369333.98	13342.77	0	3480	3.2692	4.9566	3480	5277	0	4096	4096

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OISPLAYS:	TIME	MODE	VERBNOUN	H	HDOT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
	369334.42	63	6 63	45126	- 334	- 7 13	1379	43171	99 81	42907	99999

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ATTITUDE:	COUTIME	CDUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
	369334.76	- 2.2302	90.1647	- 0.9997	- 0.0025	- D.1085	- 0.0287	
	369334.76	- 1.3842	90.1318	- 1.1865	0.0000	- 0.1538	0.0878	DESIRE0

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369334.759	+13313.45	+ 1195139.9	+ 1176921.9	+ 498235.9	+ 949.18	- 824.37	- 365.97	+ 13733.68	
ENV	369334.759	+13300.33	+ 1195102.9	+ 1174503.8	+ 503993.9	+ 949.16	- 825.25	- 364.30	+ 13722.06	
ERR	0.000	13.11	37.0	2418.1	5757.9	0.01	0.87	1.67	11.61	

	IN POUNDS								
AGC	+29350.83	+ 3921062.9	+ 3861292.6	+ 1634632.5	+3114.12	-2704.64	-1200.71	+ 45058.02	
ENV	+29321.91	+ 3920941.3	+ 3853359.0	+ 1653523.4	+3114.06	-2707.52	-1195.22	+ 45019.91	

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PIPTIME:	3.6933476000	05		P63: BRAKQUAC	TPIP:	3.6933476000	05
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R ANO RG				V ANO VG							
1.7318639999	06	6.9237499999	02	-2.49854812499	05	1.76640510559	02	-1.11504077911	01	1.29739465713	03
-4.6237499999	03	-2.4231249999	03	-2.5277724999	05	1.79514694213	02	2.25578308105	01	1.3015181884	03

LANO			TTF			CG			AFC		
1.73605512499	06	-3.3591249999	03	2.9091249999	03	-4.30560620117	02	0.99 -0.00 0.00	4.95742773637	00	
TRANSIENT 0.212						0.00 0.99 0.02					
						-0.00 -0.02 0.99					

UNFC			UNWC								
1.49676092006	-02	-9.61841693089	-03	-9.99841715838	-01	9.89752792466	-01	3.95692882201	-04	-1.4279094242C	-01

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369335.97	13313.45	0	3478	3.2742	4.9574	3478	5266	0	4096	4096

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OISPLAYS:	TIME	MODE	VER	BNOUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTA
	369336.41	63	6	63	45058	- 341	- 7 10	1365	42959	99 81	42708	99999

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ATTITUDE:	COUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
	369336.76	- 2.2412	89.9450	- 1.0437	- 0.0023	- C.0831	- 0.0133	
	369336.76	- 1.3842	89.9121	- 1.1865	0.0000	- 0.1428	0.0878	DESIREO

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369336.759	+13284.19	+ 1197031.9	+ 1175275.9	+ 497503.9	+ 542.95	- 821.74	- 364.93	+ 13712.56
ENV	369336.759	+13271.02	+ 1196995.0	+ 1172855.9	+ 503266.3	+ 542.93	- 822.61	- 363.25	+ 13700.66
ERR	0.000	13.17	36.9	2420.0	5762.3	0.01	0.87	1.68	11.89

	IN POUNDS	AND FEET							
AGC	+29286.33	+ 3927270.3	+ 3855892.3	+ 1632230.9	+3093.68	-2696.00	-1197.30	+ 44988.72	
ENV	+29257.29	+ 3927149.1	+ 3847952.4	+ 1651136.4	+3093.62	-2698.88	-1191.76	+ 44949.68	

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PIPTIME: 3.69336760000 05

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P63: BRAKQUAD  
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TPIP: 3.69336760000 05

	R AND RG	V AND VG
1.73221418749 06	6.6999999999 02 -2.47266124999 05	1.73547172546 02 -1.12435817718 01
-4.26787499599 03	-2.38924999999 03 -2.50180249999 05	1.76397323608 02 2.23594665527 01

	LAND	TTF	CG	AFC
1.73605512499 06	-3.35924999999 03	2.89999999999 03	-4.28094633789 02	0.99 -0.00 0.00
				0.00 0.99 0.02
				-0.00 -0.02 0.99

	UNFC	UNWC
1.87085662073 -02	-9.35392722452 -03	-9.99781222866 -01
		9.89964861131 -01
		3.82907684182 -04
		-1.41313223394 -01

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	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REQ55
THROTTLE:	369337.97	13284.19	0	3476	3.2792	4.9575	3476	5255	0	4096	4096

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	TIME	MODE	VERBNOUN	H	HOOT	TTF	RANGE	ARVEL	TTF LPO	VHORIZ	DELTAH
DISPLAYS:	369338.41	63	6 63	44989	- 349	- 7 8	1351	42747	99 81	42508	99999

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	CDUTIME	CDUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTLAL
ATTITUDE:	369338.76	- 2.2521	89.7363	- 1.0327	- 0.0021	- 0.0996	- 0.0033	
	369338.76	- 1.3842	89.6923	- 1.1865	0.0000	- 0.1428	0.0988	DESIPED

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	TIME	MASS		RN		VN		ALTITUDE
AGC	369338.759	+13254.69		+ 1198909.9	+ 1173635.5	+ 496775.9		+ 936.73 - 819.07 - 363.88   + 13690.93
ENV	369338.759	+13241.71		+ 1198874.6	+ 1171213.3	+ 502540.9		+ 936.71 - 819.95 - 362.18   + 13678.78
ERR	0.000	13.28		35.3	2422.6	5764.9		0.01 0.88 1.69   12.15
AGC	IN PCUNDS	+29221.96		+ 3933431.7	+ 3850511.8	+ 1629842.5		+3073.26 -2687.25 -1193.85   + 44917.77
ENV	ANO FOOTS	+29192.67		+ 3933315.9	+ 3842563.5	+ 1648756.3		+3073.21 -2690.14 -1188.28   + 44877.89

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PIPTIME: 3.6933876000 05 P63: 8RAKQUAD TPIP: 3.6933876000 05

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P63: 8RAKQUAD  
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R AND RG				V AND VG							
1.73255818749	06	6.47437499999	02	-2.44689687459	05	1.70483112335	02	-1.13367080688	01	1.28516001701	03
-3.61824999999	03	-2.35299999999	03	-2.47595374999	05	1.73309707641	02	2.21466064453	01	1.28933868408	03

LANO				TTF				CG			AFC	
1.73605512499	06	-3.35937499999	03	2.89087499999	03	-4.25632143554	02	0.99 -0.00 0.00	0.00 0.99 0.02	4.95700864121	00	
								-0.00 -0.02 0.99				

UNFC				UNWC							
2.24569401161	-02	-9.10451043197	-03	-9.99706353751	-01	9.90173688499	-01	3.70018183616	-04	-1.39842517459	-01

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369339.97	13254.99	0	3479	3.2892	4.5570	3479	5243	0	4096	4096

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DISPLAYS:	TIME	MODE	VERBNOUN	H	PDOT	TTF	RANGE	AREVL	TTF LPD	VHORIZ	OELTAP
	369340.41	63	6 63	44918	- 357	- 7 5	1337	42535	99 81	42307	99999

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ATTITUDE:	CDUTIME	CDUX	COUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRED
	369340.76	- 2.2521	89.5495	- 1.0546	- 0.0026	- 0.0997	- 0.0346		
	369340.76	- 1.3842	89.4726	- 1.1425	0.0000	- 0.1428	0.1098		

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369340.759	+13225.86	+ 1200777.9	+ 1171999.9	+ 496047.9	+ 930.51	- 816.38	- 362.81	+ 13668.87	
ENV	369340.759	+13212.39	+ 1200741.9	+ 1169576.0	+ 501817.6	+ 930.49	- 817.26	- 361.11	+ 13656.41	
ERR	0.000	13.46	36.0	2423.9	5769.6	0.02	0.88	1.69	12.46	

	IN PCUNDS	ANO FOOTS	+ 3939560.3	+ 3845144.3	+ 1627454.0	+ 3052.88	-2678.42	-1190.32	+ 44845.39
AGC	1N PCUNDS	+29157.74	+ 3939560.3	+ 3845144.3	+ 1627454.0	+ 3052.88	-2678.42	-1190.32	+ 44845.39
ENV	ANO FOOTS	+29128.05	+ 3939442.1	+ 3837191.8	+ 1646383.2	+ 3052.81	-2681.32	-1184.76	+ 44804.50

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PIPTIME:	3.6934076000	05		TPIP:	3.6934076000	05
			P63: 8RAKQUAO			

R ANO RG				V ANO VG							
1.73289612499	06	6.24687499999	02	-2.42125499999	05	1.67448282241	02	-1.14197731018	01	1.27901563644	03
-3.57462499999	03	-2.31687499999	03	-2.45022999999	05	1.70251083374	02	2.19413757324	01	1.28320465087	03

LANO			TTF			CG			AFC		
1.73605512499	06	-3.35949999999	03	2.88174999999	03	-4.23171665039	02	0.99 -0.00 0.00	4.95690153911	00	
								0.00 0.99 0.02			
								-0.00 -0.02 0.99			

UNFC				UNWC							
2.60872113143	-02	-8.87880774088	-03	-9.99620239980	-01	9.90379311435	-01	3.57024371729	-04	-1.38378799002	-01

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369341.97	13225.86	0	3476	3.2942	4.9569	3476	5231	0	4096	4096

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OISPLAYS:	TIME	MODE	VERBNJUN	H	HOOT	TTF	RANGE	ARVEL	TTF LPO	VHORIZ	DELTAH
	369342.41	63	6 63	44845	- 365	- 7 3	1323	42322	99 81	42106	99999

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ATTITUDE:	COUTIME	CDUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
	369342.76	- 2.2631	89.3188	- 0.9887	- 0.0000	- 0.1173	0.0943	
	369342.76	- 1.3842	89.2529	- 0.9667	0.0000	- 0.1318	0.0219	OESIREO

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369342.759	+13196.80	+ 1202631.9	+ 1170369.9	+ 495323.9	+ 924.30	- 813.66	- 361.73	+ 13646.31	
ENV	369342.759	+13183.08	+ 1202596.6	+ 1167944.3	+ 501096.4	+ 924.28	- 814.54	- 360.03	+ 13633.55	
ERR	0.000	13.71	35.3	2425.6	5772.4	0.02	0.88	1.70	12.75	

	IN PCUNOS	ANO FEETS	+ 3945643.0	+ 3839796.5	+ 1625078.7	+ 3032.50	-2669.49	-1186.79	+ 44771.36
AGC									
ENV			+ 3945527.1	+ 3831838.3	+ 1644017.3	+ 3032.43	-2672.40	-1181.21	+ 44729.51

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PIPTIME:	3.6934276000	05		P63: 8RAKQUAC	TPIP:	3.6934276000	05

R AND RG					V AND VG						
1.73322759999	06	6.01749999999	02	-2.39573624999	05	1.64432764053	02	-1.15128517150	01	1.27284655570	03
-3.23724999999	03	-2.28287499999	03	-2.42462624999	05	1.67212295532	02	2.17353820800	01	1.27704620361	03

LAND					TTF			CG			AFC	
1.73605512499	06	-3.35862499999	03	2.87262499999	03	-4.20714067382	02	0.99	-0.00	0.00	4.95627988129	00
								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

UNFC					UNWC						
2.97765046313	-02	-8.59878592375	-03	-9.99519594931	-01	9.90581754620	-01	3.43918799069	-04	-1.36922127987	-01

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THROTTLE:	TIME	MASS	FWEIGHT	FCDLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369343.95	13196.80	0	3479	3.3042	4.9562	3479	5219	0	4096	4096

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OISPLAYS:	TIME	MDOE	VERBNDUN	H	HDDT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	OELTAF
	369344.41	63	6 63	44771	- 373	- 7 0	1309	42108	99 81	41903	99999

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ATTITUDE:	CDUTIME	CDUX	COUY	CDUZ	DMEGAX	DMEGAY	DMEGAZ	ACTUAL	DESIRED
	369344.76	- 2.2741	89.1430	- 0.9448	- 0.0034	- 0.0940	- 0.0775		
	369344.76	- 1.3842	89.0332	- 0.9667	0.0000	- 0.1318	0.0439		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369344.759	+13167.79	+ 1204475.9	+ 1168745.9	+ 494601.9	+ 918.10	- 810.91	- 360.63	+ 13623.31
ENV	369344.759	+13153.77	+ 1204439.0	+ 1166317.9	+ 500377.5	+ 918.08	- 811.80	- 358.92	+ 13610.19
ERR	0.000	14.02	36.9	2428.0	5775.5	0.02	0.88	1.71	13.11

	IN POUNDS	AND FOOT							
AGC	+29029.72		+ 3951692.9	+ 3834468.5	+ 1622709.9	+3012.14	-2660.49	-1183.19	+ 44695.90
ENV	+28998.80		+ 3951571.6	+ 3826502.4	+ 1641658.5	+3012.07	-2663.41	-1177.58	+ 44652.87

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PIPTIME:	3.6934476000	05		TPIP:	3.6934476000	05
			P63: BRAKQUAO			

R AND RG					V AND VG						
1.733553	06	5.7862499999	02	-2.37034124999	05	1.61436414718	02	-1.15958690643	01	1.26666283607	03
-2.90587499999	03	-2.24662499999	03	-2.39914749999	05	1.64192199707	02	2.15248107910	01	1.27087326049	03

LANO				TTF				CG			AFC	
1.73605524999	06	-3.35974999999	03	2.86349999999	03	-4.18258945312	02	0.99	-0.00	0.00	4.95716463774	00
								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

UNFC					UNWC						
3.33727936624	-02	-8.37883049476	-03	-9.99407850600	-01	9.90781047743	-01	3.30708921387	-04	-1.35472528813	-01

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369345.95	13167.79	0	3477	3.3092	4.5571	3477	5208	0	4096	4096

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OISPLAYS:	TIME	MODE	VERBNOUN	H	HOCT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
	369346.41	63	6 63	44696	- 381	- 6 58	1296	41895	99 81	41701	99999

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ATTITUDE:	COUTIME	COUX	COUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	OESIREO
	369346.76	- 2.2851	88.9123	- 0.9887	- 0.0019	- 0.1250	0.0070		
	369346.76	- 1.3842	88.8134	- 0.9667	0.0000	- 0.1318	0.0659		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369346.759	+13138.86	+ 1206305.9	+ 1167125.9	+ 493881.9	+ 911.90	- 808.14	- 359.52	+ 13595.68
ENV	369346.759	+13124.45	+ 1206269.0	+ 1164697.0	+ 499660.7	+ 911.88	- 809.04	- 357.81	+ 13586.33
ERR	0.000	14.41	36.9	2428.9	5778.7	0.02	0.89	1.71	13.35

	IN PCUNDS	AND	FOOTS						
AGC	+28965.94		+ 3957696.8	+ 3829153.5	+ 1620347.7	+ 2991.81	-2651.39	-1179.55	+ 44618.39
ENV	+28934.16		+ 3957575.5	+ 3821184.6	+ 1639306.9	+ 2991.74	-2654.33	-1173.93	+ 44574.58

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PIPTIME:	3.6934676000	05		P3:	8RAKQUAC		TPIP:	3.6934676000	05
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		R AND RG				V AND VG			
1.73387374999	06	5.55374999999	02	-2.34506999999	05	1.58469390869	02	-1.16788387298	01
-2.58049999999	03	-2.21274999999	03	-2.37379374999	05	1.61201858520	02	2.13241577148	01
		LAND				CG		AFC	
1.73605524999	06	-3.35987499999	03	2.85437499999	03	-4.15807397460	02	0.99 -0.00 0.00	4.95640095323
								0.00 0.99 0.02	
		TRANSIENT	0.208					-0.00 -0.02 0.99	

		UNFC				UNWC			
3.69944241620	-02	-8.13267715153	-03	-9.99282378581	-01	9.90977224213	-01	3.17417081671	-04
									-1.34029997897

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THRCTL:	TIME	MASS	WEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369347.95	13138.86	0	3480	3.3192	4.9564	3480	5196	0	4096	4096

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DISPLAYS:	TIME	MODE	VERBNOU	H	HODT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
	369348.40	63	6 63	44618	- 390	- 6 55	1282	41680	99 81	41497	99999

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ATTITUDE:	CDUTIME	CDUX	CDUY	CDUZ	OMEGAX	OMEGAY	DMEGAZ	ACTUAL
	369348.76	- 2.2851	88.6596	- 0.9338	- 0.0021	- 0.1450	- 0.0075	
	369348.76	- 1.3842	88.5937	- 0.9667	0.0000	- 0.1208	0.0769	DESIRED

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369348.759	+13109.99	+ 1208121.9	+ 1165511.9	+ 493163.9	+ 905.71	- 805.34	- 358.40	+ 13575.62
ENV	369348.759	+13095.13	+ 1208086.5	+ 1163081.8	+ 498946.2	+ 905.69	- 806.24	- 356.68	+ 13561.96
ERR	0.000	14.85	35.4	2430.1	5782.2	0.02	0.89	1.72	13.65

	IN POUNDS	ANO	FOOTS						
AGC	28902.29	+ 3963654.8	+ 3823858.2	+ 1617992.1	+2971.50	-2642.21	-1175.88	+ 44539.45	
ENV	28869.53	+ 3963538.6	+ 3815885.2	+ 1636962.8	+2971.43	-2645.15	-1170.23	+ 44494.63	

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PIPTIME:	3.69348760000	05		TPIP:	3.69348760000	05
			P63: BRARQUAC			

		R ANO RG				V ANO VG					
1.73418774999	06	5.31937499999	02	-2.31992312499	05	1.55521726608	02	-1.17617607116	01	1.25423173904	03
-2.26112499999	03	-2.17887499999	03	-2.34856249999	05	1.58230590820	02	2.11208343505	01	1.25846214294	03

		LANO			TTF			CG			AFC	
1.73605524999	06	-3.35999999999	03	2.84524999999	03	-4.13357705078	02	0.99	-0.00	0.00	4.95593063533	00
								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

		UNFC				UNWC					
4.05610984874	-02	-7.89630403650	-03	-9.99145858056	-01	9.91170311132	-01	3.04020939477	-04	-1.32594577191	-01

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	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369349.95	13109.99	0	3477	3.3242	4.9559	3477	5184	0	4096	4096

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	TIME	MODE	VERBNOUN	H	HOOT	TTF	RANGE	ASVEL	TTF LPO	VHORIZ	DELTAH
DISPLAYS:	369350.41	63	6 63	44539	- 398	- 6 53	1268	41466	99 81	41293	99999

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	COUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369350.76	- 2.2961	88.4509	- 0.9558	- 0.0017	- 0.1062	0.0181	
	369350.76	- 1.3842	88.3740	- 0.9667	0.0000	- 0.1208	0.0988	OESTIRE0

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	TIME	MASS		RN		VN		ALTITUDE
AGC	369350.759	+13081.18	+ 1209927.9	+ 1163903.6	+ 492447.9	+ 899.53	- 802.52	+ 13551.06
ENV	369350.759	+13065.81	+ 1209891.7	+ 1161472.1	+ 498234.0	+ 899.51	- 803.41	+ 13537.09
ERR	0.000	15.37	36.2	2431.8	5786.0	0.02	0.89	13.96
AGC	IN POUNDS	+28838.77	+ 3969580.0	+ 3818582.6	+ 1615643.0	+2951.23	-2632.94	+ 44458.86
ENV	ANO FEET	+28804.89	+ 3969461.2	+ 3810604.1	+ 1634626.1	+2951.16	-2635.88	+ 44413.03

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PIPTIME: 3.6935076000 05 P63: BRAKQUAO TP1P: 3.6935076000 05

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P63: BRAKQUAO  
|||||

	R ANO RG		V ANO VG	
1.73449587499	06	5.08312499999	02	-2.29490062459
-1.94762459999	03	-2.14512499999	03	-2.32345624959

	LANO		TTF		CG		AFC
1.73605524999	06	-3.36012499999	03	2.83612499999	03	-4.10905877929	02
						0.99 -0.00 0.00	4.95623797178
						0.00 0.99 0.02	
						-0.00 -0.02 0.99	

	UNFC		UNWC	
4.41057906956	-02	-7.63820983967	-03	-9.98997666152
				-01
				9.91360340687
				-01
				2.90535387224
				-04
				-1.31166270442
				-01

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369351.95	13081.18	0	3475	3.3292	4.9562	3475	5173	0	4096	4096

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OISPLAYS:	TIME	MODE	VER8NOUN	H	HOOT	TTF	RANGE	A8VEL	TTF LPO	VHORIZ	DELTAH
	369352.41	63	6 63	44459	- 406	- 6 50	1255	41251	99 81	41089	99999

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ALTITUDE:	COUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRE0
	369352.76	- 2.3071	88.2641	- 0.9118	- 0.0022	- 0.1173	- 0.0108		
	369352.76	- 1.3842	88.1542	- 0.9228	0.0000	- 0.1208	0.1098		

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369354.759	+13022.15	+ 1213501.9	+ 1160705.9	+ 491023.9	+ 887.19	- 796.77	- 354.96	+ 13500.43	
ENV	369354.759	+13007.16	+ 1213465.1	+ 1158269.9	+ 496816.4	+ 887.17	- 797.68	- 353.21	+ 13485.82	
ERR	0.000	14.99	36.8	2436.0	5792.4	0.02	0.90	1.74	14.60	

	IN PCUNDS	ANO FOOTS								
AGC	+28708.65	+ 3981305.7	+ 3808090.5	+ 1610971.1	+ 2910.74	-2614.10	-1164.58	+ 44292.77		
ENV	+28675.59	+ 3981184.7	+ 3800098.1	+ 1629975.3	+ 2910.67	-2617.08	-1158.85	+ 44244.84		

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PIPTIME:	3.6935476000	05		P63: 8RAKQUAD	TPIP:	3.6935476000	05
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R AND RG				V ANO VG							
1.73509474999	06	4.60624999999	02	-2.24523124999	05	1.46844244003	02	-1.20002269744	01	1.23544588088	03
-1.33799999999	03	-2.07737499999	03	-2.27361624999	05	1.49483489990	02	2.05062866210	01	1.23970603942	03

LAND				TTF				CG			AFC	
1.73605524999	06	-3.36037499999	03	2.81787499999	03	-4.06024936523	02	0.99	-0.00	0.00	4.95563028380	0C
TRANSIENT 0.199								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

UNFC				UNWC							
5.1036494E772	-02	-7.17202530775	-03	-9.98671036049	-01	9.91731344104	-01	2.63288616722	-04	-1.28331102230	-01

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369355.95	13022.15	0	3480	3.3492	4.9556	3480	5149	0	4096	4096

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OISPLAYS:	TIME	MODE	VER8NOUN	H	H00T	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
	369356.41	63	6 63	44293	- 423	- 6 46	1228	40820	99 81	40678	99999

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ATTITUDE:	COUTIME	COUX	CDUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
	369356.76	- 2.3181	87.8466	- 0.7470	- 0.0026	- 0.0733	- 0.0351	
	369356.76	- 1.3842	87.7587	- 0.7470	0.0000	- 0.0988	0.0439	OESIREO

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	TIME	MASS	RN				VN			ALTITUDE
ACC	369356.759	+12992.74	+ 1215269.9	+ 1159115.9	+ 490313.9	+ 881.03	- 793.87	- 353.77	+ 13474.37	
ENV	369356.759	+12977.83	+ 1215233.3	+ 1156677.4	+ 496111.2	+ 881.01	- 794.73	- 352.02	+ 13459.43	
ERR	0.000	14.90	36.6	2438.5	5797.2	0.02	0.91	1.75	14.94	
AGC	IN POUNOS	+28643.81	+ 3987106.2	+ 3802874.0	+ 1608641.7	+2890.54	-2604.56	-1160.68	+ 44207.26	
ENV	ANO FOOT5	+28610.94	+ 3986986.0	+ 3794873.3	+ 1627661.5	+2890.47	-2607.56	-1154.92	+ 44158.24	

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PIPTIME: 3.69356760000 05  
 P63: BRAKOUAO  
 TPIP: 3.69356760000 05

R ANO RG				V ANO VG							
1.73538562499	06	4.36562499999	02	-2.22058562499	05	1.44003772735	02	-1.20629310607	01	1.22914490699	03
-1.04187499999	03	-2.04562499999	03	-2.24888624999	05	1.46619796752	02	2.03235626220	01	1.23341445922	03

LANO				TTF				CG			AFC	
1.73605524999	06	-3.36049999999	03	2.80874999999	03	-4.03586103515	02	0.99	-0.00	0.00	4.95484331622	00
TRANSIENT 0.196								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

UNFC				UNWC							
5.44518022396	-02	-6.99695803320	-03	-9.98491884699	-01	9.91912372368	-01	2.49534845341	-04	-1.26924321050	-01

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	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369357.95	12992.74	0	3477	3.3542	4.9548	3477	5137	0	4096	4096

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	TIME	MODE	VERBNOUD	H	FOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	OELTAH
DISPLAYS:	369358.40	63	6 63	44207	- 431	- 6 43	1214	40604	99 81	40471	99999

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	CDUTIME	COUX	CDUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIREO
ATTITUDE:	369358.76	- 2.3181	87.7807	- 0.7690	- 0.0025	0.0431	- 0.0201		
	369358.76	- 1.3842	87.7148	- 0.7470	0.0000	- 0.1867	0.0439		

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369358.759	+12963.39	+ 1217025.9	+ 1157529.9	+ 489607.9	+ 874.88	- 790.94	- 352.56	+ 13447.74	
ENV	369358.759	+12948.51	+ 1216989.2	+ 1155090.7	+ 495408.4	+ 874.85	- 791.86	- 350.81	+ 13432.51	
ERR	0.000	14.88	36.7	2439.2	5800.4	0.03	0.91	1.75	15.23	

	IN POUNDS	AND	FOOTS							
AGC	+28579.10		+ 3992867.4	+ 3797670.6	+ 1606325.4	+ 2870.36	-2594.97	-1156.72	+ 44119.91	
ENV	+28546.28		+ 3992746.8	+ 3789667.8	+ 1625355.6	+ 2870.26	-2597.97	-1150.96	+ 44069.94	

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PIPTIME:	3.69358760000	05		TPIP:	3.69358760000	05

	R AND RG				V AND VG						
1.735670F1249	06	4.12374999999	02	-2.19606562495	05	1.41182565689	02	-1.21156692504	01	1.22282943725	03
-7.51499959999	02	-2.01637499999	03	-2.22427999999	05	1.43775558471	02	2.01629638671	01	1.22710762023	03

	LAND				TTF				CG			AFC
1.73605524999	06	-3.36062499999	03	2.79962499999	03	-4.01149868164	02	0.99	-0.00	0.00	4.95476182550	00
								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

	UNFC				UNWC						
5.78609203791	-02	-6.83621461159	-03	-9.98301247150	-01	9.92090464959	-01	2.35706566308	-04	-1.25524713813	-01

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369359.95	12963.39	0	3474	3.3592	4.9547	3474	5125	0	4096	4096

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DISPLAYS:	TIME	MODE	VERANOUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
	369360.41	63	6 63	44120	- 440	- 6 41	1201	40387	99 81	40264	99999

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ATTITUDE:	COUTIME	CDUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
	369360.76	- 2.3291	87.6928	- 0.7910	- 0.0020	- 0.1443	- 0.0026	
	369360.76	- 1.3842	87.4951	- 0.7470	0.0000	- 0.1647	0.0549	DESIRE0

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369360.759	+12934.12	+ 1218769.9	+ 1155951.9	+ 488903.9	+ 868.71	- 788.00	- 351.36	+ 13420.62
ENV	369360.759	+12919.18	+ 1218732.7	+ 1153509.9	+ 494707.9	+ 868.69	- 788.92	- 349.60	+ 13405.05
ERR	0.000	14.94	37.2	2442.0	5803.9	0.02	0.91	1.76	15.57

	IN POUNDS	ANO FOOTS	+	+	+	+	-	-	+
AGC	28514.56	29481.62	3998589.2	3792493.4	1604015.7	2850.10	-2585.32	-1152.77	44030.92
ENV	28514.56	29481.62	3998467.0	3784481.5	1623057.7	2850.03	-2588.33	-1146.99	43979.82

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PIPTIME:	3.69360760000 05		TPIP:	3.69360760000 05
		P63: 8RAKQUAO		

R ANO RG				V ANO VG							
1.73595037499	06	3.88062499999	02	-2.17167249999	05	1.38350677490	02	-1.21782779693	01	1.21648955345	03
-4.66995999999	02	-1.98899999999	03	-2.19980249999	05	1.40920639038	02	2.00016021728	01	1.22077674865	03

LAND			TTF			CG			AFC		
1.73605537499	06	-3.36074999999	03	2.79049999999	03	-3.98716689453	02	0.99 -0.00 0.00	4.95339510962	00	
TRANSIENT 0.205						0.00 0.99 0.02					
						-0.00 -0.02 0.99					

UNFC			UNWC								
6.14433567927	-02	-6.64085815310	-03	-9.98088479499	-01	9.92265644134	-01	2.21826136658	-04	-1.24132357843	-01

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369361.95	12934.12	0	3477	3.3692	4.9533	3477	5112	0	4096	4096

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OISPLAYS:	TIME	MODE	VERBNOUN	H	HOOT	TTF	RANGE	ARVEL	TTF LPO	VHORIZ	OELTAH
	369362.41	63	6 63	44031	- 449	- 6 38	1188	40170	99 81	40057	59999

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ATTITUDE:	COUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
	369362.76	- 2.3400	87.3632	- 0.7910	- 0.0022	- 0.1578	- 0.0161	
	369362.76	- 1.3842	87.2753	- 0.7470	0.0000	- 0.1647	0.0549	OESIREO

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369362.759	+12904.90	+ 1220499.9	+ 1154377.9	+ 488201.9	+ 862.55	- 785.03	- 350.15	+ 13392.93
ENV	369362.759	+12889.84	+ 1220463.9	+ 1151935.1	+ 494010.0	+ 862.53	- 785.95	- 348.38	+ 13377.00
ERR	0.000	15.05	36.0	2442.8	5808.0	0.02	0.91	1.76	15.93

AGC	IN POUNDS	+28450.16	+ 4004265.0	+ 3787329.3	+ 1601712.5	+2829.92	-2575.57	-1148.78	+ 43940.08
ENV	ANO FEET	+28416.96	+ 4004146.8	+ 3779314.6	+ 1620767.7	+2829.83	-2578.58	-1142.98	+ 43887.81

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PIPTIME: 3.69362760000 05

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P62: 8RAKQUAO
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TPIP: 3.69362760000 05

	R AND RG	V AND VG
1.73622431249	06 3.63624999999 02 -2.14740624999 05 1.35558176040 02 -1.22408390045 01 1.21013522148 03	
-1.87999999999	02 -1.95962499999 03 -2.17544999999 05 1.38105010986 02 1.98257446289 01 1.21443138122 03	

	LAND	TTF	CG	AF
1.73605537499	06 -3.36087499999 03 2.78137499999 03 -3.96285698242 02 0.99 -0.00 0.00 4.95353015139 00		0.00 0.99 0.02	
			-0.00 -0.02 0.99	

	UNFC	UNWC
6.48385921537	-02 -6.42930793075 -03 -9.97875052783 -01 9.92437942382 -01 2.07856297192 -04 -1.22747249724 -01	

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	TIME	MASS	WEIGHT	FCOLO	AF	AF	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369363.95	12904.90	0	3479	3.3792	4.9535	3479	5100	0	4096	4096

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	TIME	MOQE	VERBNOUN	H	FOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
DISPLAYS:	369364.40	63	6 63	43940	- 459	- 6 36	1175	39952	99 81	39842	99999

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	COUTIME	CDUX	CDUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRE
ATTITUDE:	369364.76	- 2.3400	87.0886	- 0.8129	- 0.0022	- 0.0636	- 0.0123		
	369364.76	- 1.3842	87.0556	- 0.7470	0.0000	- 0.1647	0.0659		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369364.759	+12875.75	+ 1222219.9	+ 1152811.9	+ 487503.9	+ 856.42	- 782.01	- 348.92	+ 13364.68
ENV	369364.759	+12860.51	+ 1222182.9	+ 1150366.1	+ 493314.4	+ 856.39	- 782.94	- 347.14	+ 13348.40
ERR	0.000	15.24	37.0	2445.8	5810.4	0.02	0.92	1.77	16.28

	IN POUNDS	AND FOOT							
AGC	+28385.89		+ 4009908.1	+ 3782191.6	+ 1599422.5	+2809.78	-2565.67	-1144.77	+ 43847.39
ENV	+28352.29		+ 4009786.4	+ 3774167.2	+ 1618485.7	+2809.68	-2568.71	-1138.93	+ 43793.96

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PIPTIME: 3.69364760000 05

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P63: 8RAKQUAD  
|||||||

TPIP: 3.69364760000 05

R ANO RG				V ANO VG							
1.73649268749	06	3.39062499999	02	-2.12326749999	05	1.32804965972	02	-1.23134136199	01	1.20375642776	03
8.56249999999	01	-1.93024999999	03	-2.15122499999	05	1.35329055786	02	1.96369171142	01	1.20806198120	03

LANO				TTF				CG			AFC	
1.73605537499	06	-3.36099999999	03	2.77224999999	03	-3.93858481445	02	0.99	-0.00	0.00	4.95304353535	00
TRANSIENT 0.192								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

UNFC				UNWC							
6.81851610282	-02	-6.16660415248	-03	-9.97653625668	-01	9.92607388591	-01	1.93811952329	-04	-1.21369413569	-01

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THROTTLE:	TIME	MASS	FWEIGHT	FCCL0	AF	AFC	FP	FC	PIF	PIFSET	REG55
	369366.16	12875.75	0	3482	3.3892	4.9530	3482	5088	0	4096	4096

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OISPLAYS:	TIME	MODE	VERBNDUN	H	HOOT	TTF	RANGE	A8VEL	TTF LPO	VHORIZ	OELTAH
	369366.48	63	6 63	43847	- 467	- 6 33	1162	39734	99 81	39639	99999

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ATTITUDE:	COUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRE0
	369366.76	- 2.3510	86.9238	- 0.8020	- 0.0018	- 0.1007	0.0106		
	369366.76	- 1.3842	86.8359	- 0.7470	0.0000	- 0.1428	0.0769		

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369368.759	+12817.66	+ 1225619.9	+ 1149695.9	+ 486113.9	+ 844.15	- 775.91	- 346.42	+ 13306.43	
ENV	369368.759	+12801.84	+ 1225583.9	+ 1147246.5	+ 491930.8	+ 844.13	- 776.85	- 344.63	+ 13289.55	
ERR	0.000	15.82	36.0	2449.4	5816.8	0.02	0.93	1.78	16.88	

	IN POUNDS	AND FOOT	+	+	+	+	-	-	+
AGC	28257.82		4021062.9	3771968.5	1594862.2	2769.55	-2545.66	-1136.57	43656.29
ENV	28222.94		4020944.6	3763932.3	1613946.4	2769.47	-2548.72	-1130.70	43600.88

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PIPTIME:	3.69368760000	05							
			P63:	8RAKQUAD					
						TPIP:	3.69368760000	05	

R ANO RG				V AND VG							
1.73701299999	06	2.89562499999	02	-2.07537312499	05	1.27356576919	02	-1.24383526391	01	1.19094586372	03
6.15874999999	02	-1.86512499999	03	-2.10315999999	05	1.29835128784	02	1.92607879638	01	1.19526901245	03

LANO				TTF				CG				AFC				
1.73605537499	06	-3.36124999999	03	2.75399999999	03	-3.85011650390	02	0.99	-0.00	0.00	4.95119020342	00				
								0.00	0.99	0.02						
								-0.00	-0.02	0.99						

UNFC				UNWC							
7.48461080510	-02	-5.75496288943	-03	-9.97178489755	-01	9.92937840984	-01	1.65529547957	-04	-1.18635646164	-01

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THROTTLE:	TIME	MASS	FWEIGHT	FCQLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369369.97	12817.66	0	3481	3.4042	4.9511	3481	5064	0	4096	4096

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OISPLAYS:	TIME	MODE	VFRBNOUN	H	HDQT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	OELTAH
	369370.41	63	6 63	43656	- 486	- 6 29	1136	39297	99 81	35219	99999

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ATTITUDE:	COUTIME	CDUX	CDUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIREO
	369370.76	- 2.3620	86.4624	- 0.7470	- 0.0018	- 0.1124	0.0093		
	369370.76	- 1.3842	86.3964	- 0.7470	0.0000	- 0.1208	0.0988		

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	TIME	MASS	RN				VN			ALTITUOE
AGC	369370.759	+12788.71	+ 1227303.9	+ 1148147.9	+ 485421.9	+ 838.04	- 772.62	- 345.15	+ 13276.56	
ENV	369370.759	+12772.50	+ 1227266.1	+ 1145695.9	+ 491242.8	+ 838.02	- 773.76	- 343.36	+ 13259.29	
ERR	0.000	16.21	37.8	2452.0	5820.8	0.02	0.94	1.79	17.26	

	IN POUNOS	ANO F00TS								
AGC	+28194.00	+ 4026587.9	+ 3766889.7	+ 1592591.8	+ 2749.50	-2535.50	-1132.41	+ 43558.27		
ENV	+28158.26	+ 4026463.6	+ 3758844.8	+ 1611689.1	+2749.41	-2538.60	-1126.51	+ 43501.63		

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PIPTIME: 3.6937076000 05

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P63: 8RAKQUAO  
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TPIP: 3.69370760000 05

R AND RG				V ANO VG							
1.73726506249	06	2.64624999999	02	-2.05161874999	05	1.24681472778	02	-1.25008106231	01	1.18451399803	03
8.72874999999	02	-1.83974999999	03	-2.07931874999	05	1.27137374877	02	1.90757751464	01	1.18884620666	03

LANO				TTF				CG			AFC	
1.73605537499	06	-3.36137499999	03	2.74487499999	03	-3.86592294921	02	0.99	-0.00	0.00	4.95082233101	00
TRANSIENT 0.184								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

UNFC				UNWC							
7.80459816180	-02	-5.54221306566	-03	-9.96934355224	-01	9.93098904150	-01	1.51276586844	-04	-1.17279766753	-01

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369371.97	12788.71	0	3479	3.4092	4.9508	3479	5052	0	4096	4096

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OISPLAYS:	TIME	MOOE	VER8NDOUN	H	H00T	TTF	RANGE	ARVEL	TTF LPO	VHORIZ	DELTAH
	369372.41	63	6 63	43558	- 494	- 6 26	1123	39078	99 81	39009	99999

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ATTITUOE:	CDUTIME	COUX	COUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
	369372.76	- 2.3730	86.2426	- 0.7031	- 0.0013	- 0.1229	0.0356	
	369372.76	- 1.3842	86.2207	- 0.7470	0.0000	- 0.0988	0.0988	OESIREO

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	TIME	MASS		RN		VN		ALTITUDE
AGC	369372.759	+12759.82	+ 1228973.9	+ 1146603.9	+ 484731.9	+ 831.94	- 769.70	+ 13246.06
ENV	369372.759	+12743.16	+ 1228936.0	+ 1144151.5	+ 490557.4	+ 831.91	- 770.65	+ 13229.50
ERR	0.000	16.66	37.9	2452.4	5825.4	0.02	0.94	17.56

	IN POUNDS	ANO FOOTS						
AGC	+28130.31	+ 4032066.9	+ 3761824.1	+ 1590328.0	+2729.48	-2525.29	-1128.19	+ 43458.21
ENV	+28093.59	+ 4031942.3	+ 3753778.0	+ 1609440.4	+2729.38	-2528.38	-1122.28	+ 43400.59

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PIPTIME: 3.6937276000 05

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P63: BRAKQUAC  
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PTIP: 3.6937276000 05

	R	ANO	RG			V	AND	VG	
1.73751174999	06	2.39562499999	02	-2.02799312499	05	1.220256P0541	02	-1.25532627105	01
1.12437499999	03	-1.81037499999	03	-2.05560749999	05	1.24459694458	02	1.88972473144	01

	LANO		TTF		CG		AFC
1.73605537499	06	-3.36149999999	03	2.73574999999	03	-3.84174531249	02
						0.99 -0.00 0.00	4.95004700456
						0.00 0.99 0.02	
						-0.00 -0.02 0.99	

	UNFC		UNWC		
8.12644236817	-02	-5.35286518518	-03	-9.96678202971	-01
				9.93257231647	-01
				1.36949121902	-04
				-1.15931242662	-01

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	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369373.97	12759.82	0	3481	3.4192	4.9500	3481	5040	0	4096	4096

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	TIME	MODE	VERBNOUN	H	HOOT	TTF	RANGE	ARVEL	TTF LPO	VHORIZ	OELTAH
OISPLAYS:	369374.41	63	6 63	43458	- 503	- 6 24	1110	38859	99 81	38797	59999

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	COUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	OESIREO
ATTITUDE:	369374.76	- 2.3730	86.1767	- 0.747C	- 0.0020	0.0229	0.0019		
	369374.76	- 1.3842	86.1767	- 0.7470	0.0000	- 0.1867	0.0988		

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369374.759	+12730.23	+ 1230629.9	+ 1145067.9	+ 484045.9	+ 825.84	- 766.56	- 342.58	+ 13215.06	
ENV	369374.759	+12713.82	+ 1230593.7	+ 1142613.3	+ 489874.5	+ 825.81	- 767.50	- 340.76	+ 13197.15	
ERR	0.000	16.40	36.2	2454.6	5828.5	0.02	0.94	1.81	17.90	

	IN PCUNOS	MASS	RN				VN			ALTITUDE
AGC	ANO FOOTS	+28065.06	+ 4037499.9	+ 3756784.7	+ 1588077.4	+2709.45	-2514.96	-1123.95	+ 43356.50	
ENV		+28028.89	+ 4037381.1	+ 3748731.5	+ 1607200.1	+2709.36	-2518.07	-1118.00	+ 43297.75	

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PIPTIME: 3.69374760000 05

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P63: BRAKQUAO  
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TPIP: 3.69374760000 05

R AND RG				V AND VG							
1.73775318749	06	2.14374999999	02	-2.00445624999	05	1.19389255578	02	-1.26155853271	01	1.17159743309	03
1.37074999999	03	-1.78299999999	03	-2.03202374999	05	1.21799850463	02	1.87194824218	01	1.17594642639	03

LAND				TTF				CG			AFC	
1.73605537499	06	-3.36162499999	03	2.72662499999	03	-3.817609C3320	02	0.99	-0.00	0.00	4.94912033900	00
TRANSIENT 0.185								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

UNFC				UNWC							
8.44854583975	-02	-5.12440257165	-03	-9.96411535365	-01	9.93412856807	-01	1.22547149296	-04	-1.14590055902	-01

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	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFSET	REG55
THROTTLE:	369375.95	12730.23	0	3483	3.4292	4.9491	3483	5027	0	4096	4096

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	TIME	MODE	VERBNOUD	H	HOOT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
DISPLAYS:	369376.41	63	6 63	43357	- 513	- 6 21	1097	38639	99 81	38585	99999

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	CDUTIME	CDUX	COUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRED
ATTITUDE:	369376.76	- 2.3840	86.0668	- 0.6911	- 0.0020	- 0.1576	- 0.0079		
	369376.76	- 1.3942	85.9570	- 0.7470	0.0000	- 0.1538	0.0988		

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369376.759	+12700.70	+ 1232275.9	+ 1143537.9	+ 483361.9	+ 819.73	- 763.40	- 341.27	+ 13183.43	
ENV	369376.759	+12634.47	+ 1232239.4	+ 1141081.3	+ 489194.2	+ 819.70	- 764.35	- 339.45	+ 13165.23	
ERR	0.000	16.22	36.5	2456.6	5832.2	0.03	0.95	1.81	18.20	

	IN POUNDS	AND FEET								
AGC	+27999.96		+ 4042900.2	+ 3751765.0	+ 1585833.3	+2689.42	-2504.60	-1119.67	+ 43252.74	
ENV	+27964.19		+ 4042780.4	+ 3743705.1	+ 1604968.1	+2689.32	-2507.72	-1113.70	+ 43193.02	

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PIPTIME:	3.69376760000	05		P63: BRAKQUAO	TPIP:	3.69376760000	05
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R AND RG				V AND VG							
1.73798921249	06	1.89062499999	02	-1.98112937499	05	1.16762304306	02	-1.26679420471	01	1.16511273384	03
1.61162459999	03	-1.75349999999	03	-2.00856999999	05	1.19150543212	02	1.85356140136	01	1.16947021484	03

LAND				TTF				CG				AFC				
1.73605537499	06	-3.36174999999	03	2.71749999999	03	-3.75349829101	02	0.99	-0.00	0.00	4.94742067530	00				
TRANSIENT 0.186								0.00	0.99	0.02						
								-0.00	-0.02	0.99						

UNFC				UNWC							
8.77145056160	-02	-4.93400473389	-03	-9.96133435389	-01	9.93565799402	-01	1.08085572082	-04	-1.13256304788	-01

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	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFSET	REG55
THRDTLE:	369377.96	12700.70	0	3480	3.4342	4.9474	3480	5014	0	4096	4096

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OISPLAYS:	TIME	MODF	VERBNDUN	H	HOOT	TTF	RANGE	ΔVEL	TTF LPO	VHDRIZ	DELTAH
	369378.41	63	6 63	43253	- 522	- 6 19	1085	38419	99 81	38373	99999

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ATTITUDE:	COU TIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIREO
	369378.76	- 2.3181	85.7702	- 0.6152	0.0347	- 0.1556	0.0349		
	369378.76	- 1.3842	85.7373	- 0.7470	0.0000	- 0.1428	0.0988		

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369378.759	+12671.23	+ 1233909.9	+ 1142013.9	+ 482679.9	+ 813.63	- 760.21	- 339.95	+ 13151.31	
ENV	369378.759	+12655.12	+ 1233872.5	+ 1139555.9	+ 488516.7	+ 813.60	- 761.17	- 338.12	+ 13132.72	
ERR	0.000	16.11	37.4	2458.0	5836.7	0.03	0.95	1.82	18.58	

	IN POUNDS	AND FODTS	AND FODTS	AND FODTS	AND FODTS	AND FODTS	AND FODTS	AND FODTS	AND FODTS
AGC	+27935.00	+ 4048261.1	+ 3746765.0	+ 1583595.8	+2669.42	-2494.13	-1115.33	+ 43147.35	
ENV	+27899.49	+ 4048138.4	+ 3738700.6	+ 1602745.3	+2669.31	-2497.27	-1109.34	+ 43086.36	

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PIPTIME:	3.6937876000	05			TPIP:	3.6937876000	05
			P63:	8RAKQUAD			

	R AND RG					V AND VG					
1.73822024959	06	1.63687499999	02	-1.95789249999	05	1.14164696203	02	-1.27202510833	01	1.15860385894	03
1.84712499999	03	-1.72624999999	03	-1.98524624999	05	1.16530609130	02	1.83616638183	01	1.16296958923	03

	LAND					TTF	CG			AFC
1.73605549999	06	-3.36187499999	03	2.70837499999	03	-3.76941323242	02	0.99 -0.00 0.00	4.94620529934	00
								0.00 0.99 0.02		
		TRANSIENT	0.184					-0.00 -0.02 0.99		

	UNFC					UNWC					
9.09095199188	-02	-4.73386664471	-03	-9.95847904900	-01	9.93716053170	-01	9.35792911062	-05	-1.11929966574	-01

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THRDTLLE:	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369379.95	12671.23	0	3482	3.4442	4.9462	3482	5001	0	4096	4096

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DISPLAYS:	TIME	MODE	VER8NOUN	H	FDOT	TTF	RANGE	ABVEL	TTF LPD	VHDRIZ	DELTAH
	369380.41	63	6 63	43147	- 532	- 6 16	1072	38198	99 81	38159	99999

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ATTITUDE:	CDUTIME	CDUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
	369380.76	- 2.2521	85.5065	- 0.5603	0.0342	- 0.0871	0.0096	
	369380.76	- 1.3842	85.5175	- 0.7470	0.0000	- 0.1208	0.0988	DESIRED

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369380.759	+12641.84	+ 1235531.9	+ 1140497.9	+ 482001.9	+ 807.55	- 757.00	- 338.60	+ 13118.49	
ENV	369380.759	+12625.77	+ 1235493.7	+ 1138036.7	+ 487841.8	+ 807.52	- 757.95	- 336.77	+ 13099.63	
ERR	0.000	16.06	38.2	2461.2	5839.8	0.03	0.95	1.82	18.86	

	IN PCUNOS	ANO FOOTS	+ 4053582.6	+ 3741791.3	+ 1581371.3	+ 2649.46	-2483.59	-1110.90	+ 43039.69
AGC	IN PCUNOS	+27870.21	+ 4053582.6	+ 3741791.3	+ 1581371.3	+ 2649.46	-2483.59	-1110.90	+ 43039.69
ENV	ANO FOOTS	+27834.79	+ 4053457.2	+ 3733716.5	+ 1600531.0	+ 2649.36	-2486.73	-1104.90	+ 42977.81

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PIPTIME:	3.69380760000 05		P63: 8RAKQUAO	TPIP:	3.69380760000 05

R AND RG				V ANO VG							
1.7384459999	06	1.3818749999	02	-1.93478562495	05	1.11596536636	02	-1.27524852752	01	1.15208072662	03
2.0776249999	03	-1.6988749999	03	-1.96205124959	05	1.13940048217	02	1.82060241659	01	1.15645408630	03

LANO				TTF				CG		AFC		
1.7360554999	06	-3.3619999999	03	2.6992499999	03	-3.74535639648	02	0.99	-0.00	0.00	4.94535081088	00
								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

UNFC				UNWC							
9.40035095401	-02	-4.61588394985	-03	-9.95561165277	-01	9.93863768792	-01	7.89985054703	-05	-1.10611043032	-01

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369381.95	12641.84	0	3479	3.4492	4.9453	3479	4988	0	4096	4096

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OISPLAYS:	TIME	MODE	VERBNCUN	H	FOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
	369382.41	63	6 63	43040	- 541	- 6 14	1060	37977	99 81	37946	99999

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ATTITUDE:	COUTIME	COUX	CDUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIREO
	369382.76	- 2.1752	85.3527	- 0.5493	0.0340	- 0.0872	0.0020		
	369382.76	- 1.3842	85.2978	- 0.7470	0.0000	- 0.1098	0.0878		

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	TIME	MASS		RN		VN		ALTITUDE
AGC	369382.759	+12612.52	+ 1237139.9	+ 1138985.9	+ 481325.9	+ 801.48	- 753.75	- 337.24   + 13085.18
ENV	369382.759	+12596.42	+ 1237102.7	+ 1136524.1	+ 487169.6	+ 801.45	- 754.71	- 335.40   + 13065.98
ERR	0.000	16.09	37.2	2461.8	5843.6	0.03	0.96	1.84   19.19
AGC	IN POUND0S	+27805.56	+ 4058858.2	+ 3736830.7	+ 1579153.5	+2629.53	-2472.93	-1106.45   + 42930.40
ENV	AND FDOTS	+27770.08	+ 4058736.0	+ 3728753.6	+ 1598325.6	+2629.43	-2476.10	-1100.42   + 42867.41

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PIPTIME: 3.6938276000 05 P63: BRAKQUAD TPIP: 3.6938276000 05

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P63: BRAKQUAD  
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	R AND RG		V AND VG	
1.73866662499	06 1.12624999999 02	-1.91180937499	05 1.09057712554 02	-1.27946853637 01 1.14553337097 03
2.30299999999	03 -1.67562499999 03	-1.93898749999	05 1.11378860473 02	1.80618286132 01 1.14991416931 03

	LANO		TTF		CG		AFC
1.73605549999	06 -3.36212499999 03	2.69012499999	03 -3.72133749999	02 0.99 -0.00 0.00	4.94389794766	00	
	TRANSIENT 0.178				0.00 0.99 0.02		
					-0.00 -0.02 0.99		

	UNFC		UNWC	
9.71050464719	-02 -4.44390709145 -03	-9.95264216999	-01 9.94008850464 -01	6.43879177701 -05 -1.09299593100 -01

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369383.97	12612.52	0	3486	3.4642	4.9438	3486	4975	0	4096	4096

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OISPLAYS:	TIME	MDOE	VER8NDUN	H	HODT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	OELTAH
	369384.41	63	6 63	42930	- 550	- 6 12	1047	37755	99 81	37731	99999

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ATTITUDE:	CDUTIME	COUX	CDUY	COUZ	DMEGAX	OMEGAY	OMEGAZ	ACTUAL	OESIRED
	369384.76	- 2.1093	85.1550	- 0.5712	0.0336	- 0.1152	- 0.0222		
	369384.76	- 1.3842	85.1220	- 0.7470	0.0000	- 0.0878	0.0878		

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369384.759	+12583.26	+ 1238735.9	+ 1137481.9	+ 480653.9	+ 795.41	- 750.48	- 335.87	+ 13051.31	
ENV	369384.759	+12567.07	+ 1238699.5	+ 1135017.9	+ 486500.2	+ 795.38	- 751.44	- 334.03	+ 13031.77	
ERR	0.000	16.18	36.4	2464.0	5846.2	0.02	0.96	1.84	19.54	

	IN POUNDS	ANO FOOTS							
AGC	+27741.05	+ 4064094.4	+ 3731896.3	+ 1576948.8	+2609.61	-2462.21	-1101.95	+ 42819.26	
ENV	+27705.38	+ 4063974.8	+ 3723812.3	+ 1596129.4	+2609.52	-2465.38	-1095.90	+ 42755.15	

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PLPTIME:	3.69384760000	05			P63: BRKQUAC			TPIP:	3.69384760000	05
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		R ANO RG				V ANO VG					
1.73888224999	06	8.69999999999	01	-1.88896437499	05	1.06538295745	02	-1.28268241882	01	1.13897180557	03
2.52324999999	03	-1.65012499999	03	-1.91605499999	05	1.08837127685	02	1.79130554199	01	1.14336013793	03

		LANO		TTF		CG		AFC		
1.73605549999	06	-3.36224999999	03	2.68099999999	03	-3.69734731445	02	0.99 -0.00 0.00	4.94239153340	00
		TRANSIENT	0.177					0.00 0.99 0.02		
								-0.00 -0.02 0.99		

		UNFC		UNWC							
1.00176768597	-01	-4.30811276451	-03	-5.94960328454	-01	9.94151368437	-01	4.97400756773	-05	-1.07995621018	-01

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	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFSET	REG55
THROTTLE:	369385.97	12583.26	0	3483	3.4692	4.9423	3483	4962	0	4096	4096

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	TIME	MODE	VERBNDUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	OELTAP
OISPLAYS:	369386.41	63	6 63	42819	- 560	- 6 9	1035	37533	99 81	37516	99999

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	COUIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIREO
ATTITUDE:	369386.76	- 2.0434	85.0671	- 0.5932	0.0341	0.0287	0.0089		
	369386.76	- 1.3842	85.0781	- 0.7470	0.0000	- 0.1647	0.0769		

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369386.759	+12554.07	+ 1240321.9	+ 1135983.9	+ 479981.9	+ 789.34	- 747.19	- 334.50	+ 13016.81	
ENV	369386.759	+12537.72	+ 1240284.2	+ 1133518.3	+ 485833.5	+ 789.31	- 748.15	- 332.64	+ 12996.98	
ERR	0.000	16.34	37.7	2465.6	5851.5	0.03	0.96	1.85	19.83	

AGC	IN PCUNDS								
		+27676.71	+ 4069297.9	+ 3726981.6	+ 1574744.0	+2589.72	-2451.41	-1097.44	+ 42706.07
ENV	AND FOOT	+27640.67	+ 4069173.9	+ 3718892.3	+ 1593942.1	+2589.62	-2454.57	-1091.35	+ 42641.01

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PIPTIME:					TPIP:	
	3.69386760000	05	P63: 8RAKQUAD		3.69386760000	05

R AND RG				V AND VG							
1.73909281249	06	6.13124999999	01	-1.86625062499	05	1.04038333892	02	-1.28689289093	01	1.13239617347	03
2.73824999999	03	-1.62687499999	03	-1.89325374999	05	1.06315231323	02	1.77654266357	01	1.13679199218	03

LAND				TTF				CG			AFC	
1.73605549999	06	-3.36237499999	03	2.67187499999	03	-3.67336938476	02	0.99	-0.00	0.00	4.94119012728	00
								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

UNFC				UNWC							
1.03199232169	-01	-4.12985260718	-03	-9.94652131550	-01	9.94291352791	-01	3.50549815356	-05	-1.06699130902	-01

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369387.97	12554.07	0	3480	3.4742	4.9411	3480	4949	0	4096	4096

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DISPLAYS:	TIME	MODE	VER8NQUN	F	H00T	TTF	RANGE	8VEL	TTF LPD	VHORIZ	DELTAH
	369388.41	63	6 63	42706	- 569	- 6 7	1022	37310	99 81	37300	99999

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ATTITUDE:	CDUTIME	CDUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
	369388.76	- 1.9775	84.9752	- 0.5603	0.0345	- 0.1481	0.0226	
	369388.76	- 1.3842	84.8583	- 0.7470	0.0000	- 0.1318	0.0769	DESIRED

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369388.759	+12524.95	+ 1241893.9	+ 1134493.5	+ 479315.9	+ 783.27	- 743.87	- 333.11	+ 12981.74	
ENV	369388.759	+12508.37	+ 1241856.8	+ 1132025.3	+ 485169.6	+ 783.24	- 744.84	- 331.25	+ 12961.59	
ERR	0.000	16.58	37.1	2468.6	5853.6	0.03	0.96	1.86	20.15	

	IN POUNDS	AND FOOT								
AGC	+27612.50	+ 4074455.3	+ 3722093.1	+ 1572559.0	+ 2569.80	-2440.53	-1092.90	+ 42591.04		
ENV	+27575.95	+ 4074333.5	+ 3713993.8	+ 1591763.9	+2569.70	-2443.72	-1086.78	+ 42524.91		

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PIPTIME:	3.69388760000	05		P63: 8RAKQUAC		TPIP:	3.69388760000	05
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R AND RG				V AND VG							
1.73929827499	06	3.55624999999	01	-1.84366874955	05	1.01547718048	02	-1.29109859466	01	1.12575641342	03
2.94837459999	03	-1.60162499999	03	-1.87058499959	05	1.03802490234	02	1.76033020C19	01	1.13019981384	03

LANO				TTF				CG			AFC		
1.73605549999	06	-3.36249999999	03	2.66274599959	03	-3.64943745117	02	0.99	-0.00	0.00	4.93943924084	00	
TRANSIENT 0.179								0.00	0.59	0.02			
								-0.00	-0.02	0.99			

UNFC				UNWC							
1.06307788692	-01	-3.93913986267	-03	-9.94325468466	-01	9.94428829420	-01	2.03326341660	-05	-1.05410164617	-01

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFSET	REG55
	369389.97	12524.95	0	3482	3.4842	4.9394	3482	4936	0	4096	4096

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OISPLAYS:	TIME	MODE	VERBNCUN	H	FOOT	TTF	RANGE	ARVEL	TTF LPO	VHORIZ	DELTAH
	369390.41	63	6 63	42551	- 575	- 6 4	1010	37087	99 81	37084	99999

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ATTITUDE:	COUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	OESIREO
	369390.76	- 1.9116	84.6826	- 0.4833	0.0341	- 0.1072	0.0027		
	369390.76	- 1.3842	84.6386	- 0.7470	0.0000	- 0.1208	0.0769		

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369390.759	+12495.89	+ 1243453.9	+ 1133009.9	+ 478649.9	+ 777.21	- 740.53	- 331.70	+ 12946.06	
ENV	369390.759	+12479.01	+ 1243417.2	+ 1130539.0	+ 484508.5	+ 777.18	- 741.50	- 329.84	+ 12925.59	
ERR	0.000	16.88	36.7	2470.9	5858.5	0.02	0.97	1.86	20.47	

	IN PCUNDS	AND FDDTS	+ 27548.45	+ 4079573.4	+ 3717224.4	+ 1570374.0	+2549.91	-2429.56	-1088.28	+ 42473.95
AGC										
ENV			+27511.23	+ 4079452.8	+ 3709117.5	+ 1589595.0	+2549.82	-2432.76	-1082.15	+ 42406.79

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PIPTIME:	3.6939076000	05		TPIP:	3.6939076000	05
			P63: 8RAKQUAO			

R AND RG				V AND VG							
1.7394989999	06	9.6874999999	00	-1.82121874959	05	9.90865707397	01	-1.29429817199	01	1.11917252540	03
3.1534999999	03	-1.57637499999	03	-1.84804624999	05	1.01319503784	02	1.74484252929	01	1.12358322143	03

LAND				TTF				CG			AFC	
1.73605549999	06	-3.36262499999	03	2.65362499999	03	-3.62553505859	02	0.99	-0.00	0.00	4.93746483698	00
								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

UNFC				UNWC							
1.09359869405	-01	-3.80683725312	-03	-9.93994933062	-01	9.94563827510	-01	5.53578135363	-06	-1.04128732715	-01

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THRCTL:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369391.97	12495.89	0	3484	3.4942	4.9374	3484	4923	0	4096	4096

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DISPLAYS:	TIME	MODE	VERBNOUN	H	HODT	TTF	RANGE	ABVEL	TTF LPO	VHDRIZ	DELTAH
	369392.41	63	6 63	42474	- 589	- 6 2	598	36864	99 81	36867	99999

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ATTITUDE:	COUTIME	COUX	COUY	COUZ	DMEGAX	DMEGAY	DMEGAZ	ACTUAL
	369392.76	- 1.9457	84.4958	- 0.5053	0.0340	- 0.1113	- 0.0012	
	369392.76	- 1.3842	84.4189	- 0.7470	0.0000	- 0.1098	0.0769	DESIRE0

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369392.759	+12466.91	+ 1245003.9	+ 1131531.9	+ 477987.9	+ 771.17	- 737.16	- 330.29	+ 12909.81	
ENV	369392.759	+12449.65	+ 1244965.5	+ 1129059.3	+ 483850.2	+ 771.13	- 738.14	- 328.41	+ 12888.98	
ERR	0.000	17.25	38.4	2472.6	5862.2	0.03	0.97	1.87	20.82	

	IN POUNDS	AND FOOTS							
AGC	+27484.55	+ 4084658.7	+ 3712375.3	+ 1568202.0	+2530.69	-2418.52	-1083.63	+ 42355.02	
ENV	+27446.51	+ 4084532.7	+ 3704262.8	+ 1587435.3	+2529.97	-2421.72	-1077.47	+ 42286.70	

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PIPTIME:	3.69392760000	05		TPIP:	3.69392760000	05
			P63: BRAKQUAD			

	R AND RG			V AND VG			
1.73969474999	06	-1.62499999999	01	-1.79890124999	05	9.66548442840	01
3.35374999999	03	-1.55299999999	03	-1.82564124999	05	9.88658905029	01

	LAND		TTF	CG	AFC
1.73605549999	06	-3.36274999999	03	2.64449999999	03
				-3.60165034179	02
				0.99 -0.00 0.00	4.93698753416
				0.00 0.99 0.02	
				-0.00 -0.02 0.99	

	UNFC		UNWC
1.12270178457	-01	-3.64441565026	-03
		-9.93671034731	-01
		9.94696374299	-01
		-9.29087403278	-06
		-1.02854863123	-01

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369393.96	12466.91	0	3481	3.4992	4.9369	3481	4911	0	4096	4096

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DISPLAYS:	TIME	MODE	VERBNOUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
	369394.41	63	6 63	42355	- 599	- 6 0	986	36640	99 81	36650	99999

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ATTITUDE:	COUTIME	CDUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	OESIREO
	369394.76	- 1.7797	84.2980	- 0.5383	0.0337	- 0.1166	- 0.0158		
	369394.76	- 1.3842	84.2431	- 0.7470	0.0000	- 0.0769	0.0659		

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369396.759	+12408.38	+ 1248063.9	+ 1128595.9	+ 476671.9	+ 759.08	- 730.23	- 327.41	+ 12835.43	
ENV	369396.759	+12390.93	+ 1248025.9	+ 1126120.3	+ 482542.4	+ 759.05	- 731.32	- 325.53	+ 12813.98	
ERR	0.000	17.44	38.0	2475.6	5870.4	0.03	0.98	1.88	21.44	

	IN PCUNOS	ANO FOOTS	+ 27355.52	+ 4094698.1	+ 3702742.7	+ 1563884.5	+ 2490.45	- 2396.11	- 1074.20	+ 42111.01
ENV	ANO FOOTS	+27317.05	+ 4094573.2	+ 3694620.7	+ 1583144.4	+ 2490.34	- 2399.35	- 1068.01	+ 42040.64	

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PIPTIME:	3.6939676000	05		P63: BRAKQUAD	TPIP:	3.6939676000	05

R AND RG				V AND VG							
1.74007174999	06	-6.83124999999	01	-1.75466624959	05	9.18598651885	01	-1.30386829376	01	1.09920654256	03
3.73937499999	03	-1.50624999999	03	-1.78122999999	05	9.40269470214	01	1.70051574707	01	1.10363845825	03

LANO				TTF				CG			AFC	
1.73605562499	06	-3.36299999999	03	2.62624999999	03	-3.55400043945	02	0.99	-0.00	0.00	4.93235886096	00
								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

UNFC				UNWC							
1.18188994942	-01	-3.32557801574	-03	-9.92985549746	-01	9.94954222871	-01	-3.90559432719	-05	-1.00329920091	-01

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369397.97	12408.38	0	3484	3.5192	4.9323	3484	4883	0	4096	4096

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OISPLAYS:	TIME	MODE	VERBNDUN	H	HDDT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	OELTAH
	369398.41	63	6 63	42111	- 619	- 5 55	962	36191	99 81	36212	99999

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ATTITUDE:	COUTIME	COUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIREO
	369398.76	- 1.6479	84.1772	- 0.5603	0.0343	- 0.1358	0.0151		
	369399.76	- 1.3842	83.9794	- 0.7470	0.0000	- 0.1208	0.0659		

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	TIME	MASS		RN		VN		ALTITUDE
AGC	369398.759	+12378.83		+ 1249575.9	+ 1127139.9	+ 476019.9		+ 753.04 - 726.89 - 325.97   + 12797.31
ENV	369398.759	+12361.57		+ 1249537.9	+ 1124661.1	+ 481892.8		+ 753.01 - 727.88 - 324.08   + 12775.56
ERR	0.000	17.26		38.0	2478.8	5872.8		0.03 0.99 1.89   21.74
AGC	IN POUNDS	+27290.38		+ 4099658.7	+ 3697965.8	+ 1561745.4		+2470.62 -2384.82 -1069.48   + 41985.93
ENV	AND FOOTS	+27252.32		+ 4099534.1	+ 3689833.3	+ 1581013.1		+2470.51 -2388.07 -1063.26   + 41914.58

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PIPTIME: 3.6939876000 05 P63: BRAKQUAD TPIP: 3.6939876000 05

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P63: BRAKQUAD  
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	R AND RG		V AND VG	
1.74025306249	06 -9.44374999999	01 -1.73274874999	05 8.94765377044	01 -1.30805015563
3.92459999999	03 -1.48287499999	03 -1.75922374999	05 9.16221618652	01 1.68430328369

	LANO		TTF		CG		AFC
1.73605562499	06 -3.36312499999	03 2.61712499999	03 -3.53021142578	02 0.99 -0.00 0.00	4.93027735501	02 0.00 0.99 0.02	CC
	TRANSIENT 0.171				-0.00 -0.02 0.99		

	UNFC		UNWC	
1.21150920751	-01 -3.12255581230	-03 -9.92629187585	-01 9.95079582673	-01 -5.40018080717
				-05 -9.90788636853
				-02

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFSET	REG55
	369400.16	12378.83	0	3481	3.5242	4.9302	3481	4870	0	4096	4096

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DISPLAYS:	TIME	MODE	VERBNOUN	H	HOOT	TTF	RANGE	ARVEL	TTF LPO	VHORIZ	DELTAH
	369400.48	63	6 63	41986	- 629	- 5 53	950	35966	99 81	35993	99999

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ATTITUDE:	COUTIME	CDUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRED
	369400.76	- 1.5820	83.8037	- 0.5603	0.0340	- 0.1782	- 0.0069		
	369400.76	- 1.3842	83.7597	- 0.7470	0.0000	- 0.1098	0.0769		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369400.759	+12349.36	+ 1251075.9	+ 1125689.9	+ 475369.9	+ 747.01	- 723.42	- 324.52	+ 12758.62
ENV	369400.759	+12332.20	+ 1251037.9	+ 1123208.8	+ 481246.0	+ 746.97	- 724.41	- 322.62	+ 12736.49
ERR	0.000	17.16	38.0	2481.1	5876.0	0.03	0.99	1.90	22.12

AGC	IN PCUNOS	+27225.42	+ 4104580.0	+ 3693208.6	+ 1559612.8	+2450.82	-2373.42	-1064.71	+ 41859.00
ENV	AND FOOTS	+27187.58	+ 4104455.3	+ 3685068.4	+ 1578891.3	+2450.71	-2376.70	-1058.46	+ 41786.40

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PIPTIME: 3.69400760000 05

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P63: BRAKQUAD  
|||||

TPIP: 3.69400760000 05

R ANO RG				V ANO VG							
1.74042968749	06	-1.20624999999	02	-1.71096562499	05	8.71226310729	01	-1.31222724914	01	1.08580255508	03
4.10587499999	03	-1.45762499999	03	-1.73735249999	05	8.92467498779	01	1.66664123535	01	1.09024925231	03

LANO				TTF				CG			AFC	
1.73605562499	06	-3.36324999999	03	2.60799999999	03	-3.50646318359	02	0.99	-0.00	0.00	4.92871506139	00
TRANSIENT 0.168								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

UNFC				UNWC							
1.24062143659	-01	-2.90195332490	-03	-9.92270206736	-01	9.95202600872	-01	-6.89774751605	-05	-9.78354662575	-02

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	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369401.98	12349.36	0	3482	3.5342	4.9287	3482	4856	0	4096	4096

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	TIME	MODE	VERBNOUN	H	HDOT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
DISPLAYS:	369402.42	63	6 63	41859	- 640	- 5 50	938	35740	99 81	35773	99999

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	CDUTIME	COUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	OESIED
ATTITUDE:	369402.76	- 1.5161	E3.5839	- 0.5163	0.0345	- 0.1182	0.0245		
	369402.76	- 1.3842	83.5839	- 0.7470	0.0000	- 0.0988	0.0769		

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369402.759	+12319.96	+ 1252563.9	+ 1124245.9	+ 474721.9	+ 740.99	- 719.91	- 323.05	+ 12719.31	
ENV	369402.759	+12302.83	+ 1252525.9	+ 1121763.5	+ 480602.3	+ 740.96	- 720.91	- 321.14	+ 12696.81	
ERR	0.000	17.12	38.0	2482.4	5880.3	0.03	0.99	1.90	22.50	

	IN POUNDS	AND FEET							
AGC	+27160.59	+ 4109461.6	+ 3688471.1	+ 1557486.8	+2431.09	-2361.92	-1059.87	+ 41730.02	
ENV	+27122.83	+ 4109337.0	+ 3680326.5	+ 1576779.2	+2430.97	-2365.20	-1053.61	+ 41656.20	

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PIPTIME: 3.6940276000 05 P63: 8RAKQUAC TPIP: 3.6940276000 05

	R AND RG					V AND VG					
1.74060162499	06	-1.46874999999	02	-1.68531687499	05	8.48081588745	01	-1.31539821624	01	1.07907462120	03
4.28212499999	03	-1.43212499999	03	-1.71561499999	05	8.69106292724	01	1.64970397949	01	1.08352813720	03

	LANO					TTF	CG			AFC
1.73605562499	06	-3.36337499999	03	2.59887499999	03	-3.48273867187	02	0.99 -0.00 0.00	4.92593972012	00
		TRANSIENT 0.164						0.00 0.99 0.02		
								-0.00 -0.02 0.99		

	UNFC					UNWC					
1.26907284086	-01	-2.75053132074	-03	-9.91910770091	-01	9.95323306393	-01	-8.39829437401	-05	-9.65997344587	-02

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369403.97	12319.96	0	3484	3.5442	4.9259	3484	4842	0	4096	4096

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DISPLAYS:	TIME	MODE	VFR8NOUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
	369404.41	63	6 63	41730	- 649	- 5 48	927	35514	99 81	35552	99999

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ATTITUDE:	CDUTIME	CDUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRED
	369404.76	- 1.4501	83.4411	- 0.4833	0.0343	- 0.0524	0.0167		
	369404.76	- 1.3842	83.5400	- 0.7470	0.0000	- 0.1647	0.0769		

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369404.759	+12290.64	+ 1254039.9	+ 1122809.9	+ 474075.9	+ 734.99	- 716.39	- 321.56	+ 12679.31	
ENV	369404.759	+12273.47	+ 1254001.8	+ 1120325.2	+ 479961.5	+ 734.95	- 717.38	- 319.64	+ 12656.52	
ERR	0.000	17.16	38.1	2484.7	5885.5	0.03	0.99	1.91	22.78	

	IN POUNDS	AND FEET								
AGC	+27095.94	+ 4114304.4	+ 3683759.8	+ 1555367.4	+2411.38	-2350.36	-1055.00	+ 41598.79		
ENV	+27058.09	+ 4114179.2	+ 3675607.7	+ 1574676.9	+2411.26	-2353.62	-1048.70	+ 41524.03		

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PIPTIME:	3.6940476000	05		TPIP:	3.6940476000	05
			P63: BRAKQUAO			

R AND RG				V ANO VG							
1.74076893749	06	-1.73187499999	02	-1.66780249999	05	8.25131893157	01	-1.31856441497	01	1.07233276367	03
4.45362499999	03	-1.40874999999	03	-1.69401124999	05	8.45943450927	01	1.63379669189	01	1.07679367065	03

LANO				TTF				CG		AFC		
1.73605562499	06	-3.36349999999	03	2.58974999999	03	-3.45903798828	02	0.99	-0.00	0.00	4.92304097861	00
TRANSIENT 0.163								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

UNFC				UNWC							
1.29732817754	-01	-2.56620877514	-03	-9.91545667415	-01	9.95441729900	-01	-9.90331160665	-05	-9.53716549374	-02

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369405.96	12290.64	0	3480	3.5492	4.9230	3480	4828	0	4056	4096

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DISPLAYS:	TIME	MODE	VERBNOUN	H	HOGT	TTF	RANGE	ARVEL	TTF LPD	VHORIZ	DELTAH
	369406.41	63	6 63	41599	- 659	- 5 45	915	35288	99 81	35331	99999

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ALTITUDE:	COUTIME	CDUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
	369406.76	- 1.3842	83.1774	- 0.4943	0.0335	- 0.1574	- 0.0281	
	369406.76	- 1.3842	83.3203	- 0.7470	0.0000	- 0.1208	0.0769	OESIREO

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369406.759	+12261.38	+ 1255503.9	+ 1121379.9	+ 473435.5	+ 728.99	- 712.83	- 320.06	+ 12638.74	
ENV	369406.759	+12244.10	+ 1255465.7	+ 1118893.9	+ 479323.7	+ 728.95	- 713.83	- 318.13	+ 12615.63	
ERR	0.000	17.28	38.2	2486.0	5887.7	0.03	1.00	1.92	23.11	

	IN POUNDS								
AGC	+27031.44	+ 4119107.6	+ 3679068.2	+ 1553267.7	+2391.70	-2338.68	-1050.08	+ 41465.71	
ENV	AND FEET	+26993.34	+ 4118982.1	+ 3670912.0	+ 1572584.4	+2391.58	-2341.96	-1043.76	+ 41389.87

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PIPTIME:	3.6940676000	05		TPIP:	3.6940676000	05
			P63: 8RAKQUAO			

	R AND RG					V AND VG					
1.74093168749	06	-1.99562499999	02	-1.64642374999	05	8.02477359771	01	-1.32172584533	01	1.06556706428	03
4.62049999999	03	-1.38524999999	03	-1.67254374999	05	8.23074340820	01	1.61758422851	01	1.07003479003	03

	LANO					TTF	CG			AFC
1.73605562499	06	-3.36362499999	03	2.58062499999	03	-3.43537919921	02	0.99 -0.00 0.00	4.92136692628	00
								0.00 0.99 0.02		
								-0.00 -0.02 0.99		

	UNFC					UNWC					
1.32453239852	-01	-2.39194840914	-03	-9.91186368870	-01	9.95557891257	-01	-1.14120543222	-04	-9.41513257049	-02

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFSET	REG55
	369407.97	12261.38	0	3487	3.5641	4.9213	3487	4815	0	4096	4096

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OISPLAYS:	TIME	MODE	VERBNOUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
	369408.41	63	6 63	41466	- 669	- 5 43	903	35061	99 80	35110	99999

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ATTITUDE:	CDUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
	369408.76	- 1.3183	82.9577	- 0.5273	0.0334	- 0.0764	- 0.0324	
	369408.76	- 1.3842	83.1445	- 0.7470	0.0000	- 0.0878	0.0878	DESIRED

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369408.759	+12232.18	+ 1256955.9	+ 1119957.9	+ 472795.9	+ 723.00	- 709.23	- 318.55	+ 12597.62
ENV	369408.759	+12214.72	+ 1256917.6	+ 1117469.9	+ 478688.9	+ 722.97	- 710.24	- 316.61	+ 12574.15
ERR	0.000	17.46	38.3	2488.0	5892.9	0.03	1.01	1.93	23.47

	IN POUNDS AND FOOTS								
AGC	+26967.08	+ 4123871.3	+ 3674402.8	+ 1551167.9	+2372.07	-2326.87	-1045.11	+ 41330.79	
ENV	+26928.59	+ 4123745.6	+ 3666239.9	+ 1570501.9	+2371.95	-2330.19	-1038.77	+ 41253.78	

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PIPTIME: 3.6940876000 05

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P63: 8RAKQUAD  
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TPIP: 3.6940876000 05

R AND RG				V AND VG							
1.74108993749	06	-2.25999999999	02	-1.62517999999	05	7.80217170715	01	-1.32488250732	01	1.05877742767	03
4.78287499999	03	-1.36199999999	03	-1.65121124959	05	8.00601959228	01	1.60114288330	01	1.06225149536	03

LAND				TTF				CG				AFC				
1.73605562499	06	-3.36374999999	03	2.57149999999	03	-3.41176005859	02	0.99	-0.00	0.00	4.91789542138	00				
TRANSIENT 0.153								0.00 0.99 0.02								
								-0.00 -0.02 0.99								

UNFC				UNWC							
1.35108930213	-01	-2.19751659224	-03	-9.90828314036	-01	9.95671825663	-01	-1.29245220912	-04	-9.29386834222	-02

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	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFSET	REG55
THRDTLE:	369409.97	12232.18	0	3488	3.5741	4.9178	3488	4800	0	4096	4096

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	TIME	MODE	VERBNDUN	H	HODT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	OELTAH
OISPLAYS:	369410.41	63	6 63	41331	- 679	- 5 41	892	34833	99 80	34887	99999

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	CDUTIME	CDUX	COUY	CDUZ	DMEGAX	DMEGAY	OMEGAZ	ACTUAL	DESIRED
ATTITUDE:	369410.76	- 1.2524	82.8918	- 0.5493	0.0343	0.0148	0.0194		
	369410.76	- 1.3842	83.1005	- 0.7470	0.0000	- 0.1318	0.0878		

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	TIME	MASS	RN			VN			ALTITUDE
ACC	369410.759	+12203.06	+ 1258395.9	+ 1118543.9	+ 472161.9	+ 717.02	- 705.61	- 317.03	+ 12555.87
ENV	369410.759	+12185.35	+ 1258357.6	+ 1116053.0	+ 478057.2	+ 716.99	- 706.62	- 315.09	+ 12532.09
ERR	0.000	17.70	38.3	2490.9	5895.2	0.03	1.01	1.94	23.78
ACC	IN POUNDS	+26902.87	+ 4128595.8	+ 3669763.7	+ 1549087.9	+2352.44	-2315.00	-1040.14	+ 41193.81
ENV	AND FEET	+26863.83	+ 4128469.9	+ 3661591.3	+ 1568425.4	+2352.33	-2318.32	-1033.76	+ 41115.79

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PIPTIME: 3.6941076000 05

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P63: 8RAKQUAC  
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TPIP: 3.6941076000 05

R AND RG				V AND VG							
1.74124374995	06	-2.52562499999	02	-1.60407249999	05	7.58051872253	01	-1.32903575897	01	1.05197391510	03
4.94062499999	03	-1.33849999999	03	-1.63001499999	05	7.78221130371	01	1.58336639404	01	1.05645561218	03

LANO				TTF				CG			AFC	
1.73605562499	06	-3.36387499999	03	2.56237499999	03	-3.38816577148	02	0.99	-0.00	0.00	4.91552520543	00
								0.00	0.69	0.02		
								-0.00	-0.02	0.99		

TRANSIENT 0.156

UNFC				UNWC							
1.37807412171	-01	-1.96157827156	-03	-9.90457101222	-01	9.95783556140	-01	-1.44429505395	-04	-9.17337912669	-02

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFSET	REG55
	369411.97	12203.06	0	3485	3.5791	4.6155	3485	4786	0	4096	4096

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OISPLAYS:	TIME	MODE	VERRNOUN	H	HOOT	TTF	RANGE	ARVEL	TTF LPO	VHORIZ	OELTAH
	369412.41	63	6 63	41194	- 688	- 5 38	881	34605	99 80	34664	99999

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ATTITUDE:	COUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRED
	369412.76	- 1.1865	82.7929	- 0.5053	0.0340	- 0.1012	- 0.0015		
	369412.76	- 1.3842	82.9248	- 0.7470	0.0000	- 0.0878	0.0988		

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369412.759	+12174.01	+ 1259823.9	+ 1117135.9	+ 471527.9	+ 711.04	- 701.97	- 315.50	+ 12513.56	
ENV	369412.759	+12155.97	+ 1259785.6	+ 1114643.4	+ 477428.6	+ 711.00	- 702.99	- 313.55	+ 12489.42	
ERR	0.000	18.03	38.3	2492.5	5900.6	0.03	1.01	1.94	24.13	

	IN PCUNDS	ANO FOOTS	+26838.82	+ 4133280.8	+ 3665144.3	+ 1547007.8	+2332.83	-2303.07	-1035.11	+ 41054.99
AGC										
ENV			+26799.07	+ 4133154.9	+ 3656966.6	+ 1566366.9	+2332.70	-2306.41	-1028.72	+ 40975.81

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PIPTIME:	3.69412760000	05		TPIP:	3.69412760000	05

R AND RG				V AND VG							
1.74139318749	06	-2.79187499999	02	-1.58310124959	05	7.36080646514	01	-1.33218288421	01	1.04515666961	03
5.09424999999	03	-1.31299999999	03	-1.60895374999	05	7.56042480468	01	1.56513214111	01	1.04964523315	03

LANO				TTF				CG				AFC				
1.73605562499	06	-3.36399999999	03	2.55324999999	02	-3.3646C166015	02	0.99	-0.00	0.00	4.91188373416	00				
								0.00	0.99	0.02						
								-0.00	-0.02	0.99						

UNFC				UNWC							
1.40471568794	-01	-1.77152426761	-03	-9.90083127854	-01	9.95893108456	-01	-1.59673391993	-04	-9.05366833561	-02

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFSET	REG55
	369413.97	12174.01	0	3481	3.5841	4.9118	3481	4771	0	4096	4096

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DISPLAYS:	TIME	MOOE	VERBNOUN	H	HOOT	TTF	RANGE	ARVEL	TTF LPD	VHORIZ	DELTAH
	369414.41	63	6 63	41055	- 658	- 5 36	869	34377	99 80	34441	99999

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ATTITUDE:	CDUTIME	CDUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	OESIREO
	369414.76	- 1.1096	82.7050	- 0.4833	0.0339	- 0.0057	- 0.0001		
	369414.76	- 1.3842	82.8803	- 0.7470	0.0000	- 0.1428	0.0988		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369414.759	+12145.02	+ 1261239.9	+ 1115735.9	+ 470897.9	+ 705.06	- 698.31	- 313.96	+ 12470.56
ENV	369414.759	+12126.60	+ 1261201.6	+ 1113241.1	+ 476803.0	+ 705.02	- 699.33	- 312.00	+ 12446.13
ERR	0.000	18.42	38.3	2494.8	5905.0	0.03	1.02	1.95	24.42

	IN POUNDS	AND FEET							
AGC	+26774.93	+ 4137926.5	+ 3660551.1	+ 1544940.9	+2313.19	-2291.06	-1030.06	+ 40913.91	
ENV	+26734.30	+ 4137800.7	+ 3652365.8	+ 1564314.5	+2313.06	-2294.41	-1023.64	+ 40833.79	

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PIPTIME: 3.69414760000 05

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P63: 8RAKQUAD  
|||||||

TPIP: 3.69414760000 05

R AND RG				V AND VG							
1.74153818749	06	-3.05874999999	02	-1.56226624999	05	7.14204788208	01	-1.33532524108	01	1.03831558227	03
5.24299999999	03	-1.28949999999	03	-1.58802999999	05	7.33955383300	01	1.54785156250	01	1.04281082153	03

LAND				TTF				CG			AFC	
1.73605574999	06	-3.36412499999	03	2.54412499999	03	-3.34107841796	02	0.99	-0.00	0.00	4.90946462377	00
								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

TRANSIENT 0.155

UNFC				UNWC							
1.43145052588	-01	-1.57604733801	-03	-0.89700464784	-01	9.96000513156	-01	-1.74932181786	-04	-8.93473401416	-02

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	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369415.97	12145.02	0	3488	3.5991	4.9094	3488	4757	0	4096	4096

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	TIME	MODE	VERBNOUM	H	HOOT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
DISPLAYS:	369416.41	63	6 63	40914	- 709	- 5 34	858	34148	99 80	34216	99999

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	COUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIREO
ATTITUDE:	369416.76	- 1.0437	82.5732	- 0.5273	0.0336	- 0.1197	- 0.0229		
	369416.76	- 1.3842	82.7050	- 0.7470	0.0000	- 0.0988	0.0988		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369416.759	+12116.11	+ 1262643.9	+ 1114341.9	+ 470271.9	+ 699.07	- 694.64	- 312.41	+ 12426.99
ENV	369416.759	+12097.22	+ 1262605.7	+ 1111846.0	+ 476180.6	+ 699.03	- 695.66	- 310.44	+ 12402.20
ERR	0.000	18.89	38.2	2495.9	5908.6	0.03	1.01	1.96	24.79
AGC	IN PCUNDS	+26711.13	+ 4142532.8	+ 3655977.6	+ 1542887.1	+2293.55	-2279.01	-1024.98	+ 40770.99
ENV	AND FODTS	+26669.53	+ 4142407.2	+ 3647789.0	+ 1562272.3	+2293.42	-2282.35	-1018.53	+ 40689.65

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PIPTIME: 3.6941676000 05  
 P63: 8RAKQUAD  
 TPIP: 3.6941676000 05

R AND RG				V AND VG							
1.74167887499	06	-3.32624999999	02	-1.54156874999	05	6.92423820455	01	-1.33846282958	01	1.03146066665	03
5.38749999999	03	-1.26587499999	03	-1.56724249999	05	7.11963653564	01	1.53015136718	01	1.03596267700	03

LAND				TTF				CG				AFC			
1.73605574999	06	-3.36424999999	03	2.53499999999	03	-3.31757558593	02	0.99	-0.00	0.00	4.90544363856	00	0.00	0.99	0.02
TRANSIENT 0.161								-0.00 -0.02 0.99							

UNFC				UNWC							
1.45919898022	-01	-1.36586082908	-03	-9.89295465361	-01	9.96105792925	-01	-1.90235674913	-04	-8.81658273421	-02

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THRDTTLE:	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFSET	REG55
	369417.97	12116.11	0	3484	3.6041	4.9054	3484	4742	0	4096	4096

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DISPLAYS:	TIME	MODE	VERBNOUN	H	HDDT	TTF	RANCE	ABVEL	TTF LPD	VHORIZ	DELTAH
	369418.41	63	6 63	40771	- 720	- 5 31	847	33919	99 80	33991	99999

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ATTITUDE:	CDUTIME	CDUX	CDUY	CDUZ	DMEGAX	DMEGAY	DMEGAZ	ACTUAL	DES IRED
	369418.76	- 0.9777	82.4633	- 0.5053	0.0347	0.0059	0.0417		
	369418.76	- 1.3842	82.6611	- 0.7470	0.0000	- 0.1757	0.0988		

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AGC   TIME | MASS | RN | VN | ALTITUDE
369418.759 | +12086.52 | + 1264035.9 + 1112955.9 + 469649.9 | + 693.09 - 690.92 - 310.84 | + 12382.74
ENV   369418.759 | +12067.83 | + 1263997.8 + 1110458.4 + 475561.2 | + 693.05 - 691.95 - 308.88 | + 12357.62
ERR   0.000 | 18.68 | 38.1 | 2497.5 | 5911.2 | 0.03 | 1.02 | 1.96 | 25.12

AGC   IN PCUNOS +26645.94 | + 4147099.7 + 3651430.4 + 1540846.4 | +2273.91 -2266.82 -1019.84 | + 40625.82
ENV   ANO FOOT5 +26604.75 | + 4146974.5 + 3643236.3 + 1560240.3 | +2273.79 -2270.19 -1013.39 | + 40543.37
    
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PIPTIME: 3.6941876000 05          P63: BRAKQUAO          TPIP: 3.6941876000 05
          |||
          |||
          |||
    
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R AND RG          V AND VG
1.74181518749 06 -3.59437499999 02 -1.52100812499 05 6.70938491821 01 -1.34159564971 01 1.02457203865 03
5.52774999999 03 -1.24249999999 03 -1.54659249999 05 6.90269470214 01 1.51222229003 01 1.02908096313 03
    
```

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LAND          TTF          CG          AFC
1.73605574999 06 -3.36437499999 03 2.52587499999 03 -3.29413007812 02 0.99 -0.00 0.00 4.90214210003 00
          0.00 0.99 0.02
TRANSIENT 0.154          -0.00 -0.02 0.99
    
```

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UNFC          UNWC
1.48579943635 -01 -1.15336384151 -03 -9.88899727020 -01 9.96208978354 -01 -2.05583868393 -04 -8.69921213792 -02
    
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THROTTLE: TIME MASS FWEIGHT FCOLD AF AFC FP FC PIF PIFPSET REG55
369419.97 12086.52 0 3490 3.6191 4.9021 3490 4727 0 4096 4096
    
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DISPLAYS: TIME MOOE VER8NCUN H HDOT TTF RANGE ABVEL TTF LPD VHORIZ DELTAH
369420.41 63 6 63 40626 - 730 - 5 29 836 33689 99 80 33766 99999
    
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ATTITUDE: CDUTIME COUX CDUY CDUZ OMEGAX OMEGAY OMEGAZ ACTUAL
369420.76 - 0.9118 82.3095 - 0.4614 0.0340 - 0.1198 - 0.0017 DESIRED
369420.76 - 1.3842 82.4414 - 0.7031 0.0000 - 0.1318 0.1098
    
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	TIME	MASS	RN			VN			ALTITUDE
AGC	369420.759	+12057.01	+ 1265415.9	+ 1111577.9	+ 469029.9	+ 687.11	- 687.20	- 309.27	+ 12337.81
ENV	369420.759	+12038.45	+ 1265377.9	+ 1109078.2	+ 474945.0	+ 687.07	- 688.23	- 307.30	+ 12312.37
ERR	0.000	18.55	38.0	2499.7	5915.0	0.04	1.02	1.97	25.44
AGC	IN POUNDS	+26580.88	+ 4151627.2	+ 3646905.4	+ 1538812.2	+2254.30	-2254.61	-1014.69	+ 40478.38
ENV	ANO FOOT5	+26539.98	+ 4151502.5	+ 3638708.1	+ 1558218.7	+2254.16	-2257.98	-1008.21	+ 40394.91

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PIPTIME: 3.69420760000 05

||||| P63: BRAKQUAD |||||

TPIP: 3.69420760000 05

R AND RG				V ANO VG							
1.74194724999	06	-3.86312499999	02	-1.50058562499	05	6.49548053741	01	-1.34472370147	01	1.01767969131	03
5.66374599999	03	-1.21874999999	03	-1.52608124999	05	6.68670654296	01	1.49394989013	01	1.02219543457	03

LANO				TTF				CG				AFC				
1.73605574999	06	-3.36449999999	03	2.51674999999	03	-3.27070034179	02	0.99	-0.00	0.00	4.89886384457	00				
								0.00	0.99	0.02						
								-0.00	-0.02	0.99						

UNFC				UNWC							
1.51285323839	-01	-9.30893185981	-04	-9.88489698555	-01	9.96310092267	-01	-2.20954418128	-04	-8.58262851626	-02

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	TIME	MASS	FWIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369421.97	12057.01	0	3482	3.6191	4.8988	3482	4713	0	4056	4096

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	TIME	MODE	VERBNOUN	H	FOOT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
DISPLAYS:	369422.41	63	6 63	40478	- 741	- 5 27	825	33459	99 80	33540	99999

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	CDUTIME	CDUX	COUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369422.76	- 0.8459	82.1557	- 0.4284	0.0350	- 0.0765	0.0544	
	369422.76	- 1.3842	82.2216	- 0.5273	0.0000	- 0.1098	0.0219	DESIPED

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369422.759	+12027.56	+ 1266783.9	+ 1110207.9	+ 468411.9	+ 681.14	- 683.44	- 307.69	+ 12292.24	
ENV	369422.759	+12009.07	+ 1266746.0	+ 1107705.5	+ 474332.0	+ 681.09	- 684.43	- 305.70	+ 12266.44	
ERR	C.000	18.49	37.9	2502.4	5920.0	0.04	1.03	1.98	25.80	
AGC	IN PCUNDS	+26515.97	+ 4156115.4	+ 3642414.6	+ 1536784.7	+2234.71	-2242.28	-1009.50	+ 40328.90	
ENV	AND FOOTS	+26475.20	+ 4155991.1	+ 3634204.6	+ 1556207.6	+2234.56	-2245.67	-1002.97	+ 40244.25	

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PIPTIME: 3.6942276000 05 P63: 8RAKQUAD TP1P: 3.6942276000 05

|||||||  
P63: 8RAKQUAD  
|||||||

R AND RG				V AND VG							
1.74207506249	06	-4.13249999999	02	-1.48030124999	05	6.28452777862	01	-1.34784698486	01	1.01076359748	03
5.79537499999	03	-1.19524999999	03	-1.50570624999	05	6.47365570068	01	1.47548675537	01	1.01528587341	03

LAND				TTF				CG			AFC	
1.73605574999	06	-3.36462499999	03	2.50762499999	03	-3.24731562499	02	0.99	-0.00	0.00	4.89564146846	00
								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

TRANSIENT 0.153

UNFC				UNWC							
1.53916429928	-01	-7.10794959960	-04	-9.88083613551	-01	9.96409163200	-01	-2.36362217165	-04	-8.46683153412	-02

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THRITTLE:	TIME	MASS	FWEIGHT	FCCLD	AF	AFC	FP	FC	P1F	PIFPSET	REG55
	369423.95	12027.56	0	3487	3.6341	4.8956	3487	4698	0	4096	4096

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DISPLAYS:	TIME	MODE	VERBNOUN	H	HDDT	TTF	RANGE	ABVEL	TTF LPO	VHDR IZ	DELTAH
	369424.41	63	6 63	40329	- 752	- 5 24	814	33228	99 80	33313	99999

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ATTITUDE:	CDOUTIME	COUX	COUY	COUZ	DMEGAX	DMEGAY	DMEGAZ	ACTUAL
	369424.76	- 0.7800	81.9580	- 0.3625	0.0336	- 0.1237	- 0.0248	
	369424.76	- 1.3842	82.0458	- 0.5273	0.0000	- 0.0769	0.0439	DESIRE0

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369424.759	+11998.20	+ 1268141.9	+ 1108842.9	+ 467797.9	+ 675.16	- 675.67	- 306.08	+ 12246.06
ENV	369424.759	+11979.68	+ 1268102.3	+ 1106340.3	+ 473722.2	+ 675.12	- 680.71	- 304.09	+ 12219.85
ERR	0.000	18.51	39.6	2503.6	5924.2	0.04	1.03	1.98	26.21

	IN POUNDS AND FOOTS								
AGC	+26451.23	+ 416057D.8	+ 3637939.6	+ 153477C.3	+2215.12	-2229.89	-1004.20	+ 40177.37	
ENV	+26410.41	+ 4160440.6	+ 3629725.6	+ 1554206.9	+2214.97	-2233.30	- 997.68	+ 40091.37	

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PIPTIME: 3.6942476000 05

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P63: BRAKQUAD  
|||||||

TPIP: 3.6942476000 D5

R AND RG				V AND VG							
1.74219868749	06	-4.40187499999	02	-1.46015562499	05	6.07551574707	01	-1.34897232055	01	1.00382385253	03
5.92274999999	03	-1.17149999999	03	-1.48547124999	05	6.26258850097	01	1.45858764648	01	1.00835266113	03

LAND				TTF				CG				AFC				
1.73605574999	06	-3.36474999999	03	2.49849999995	03	-3.22397128906	02	0.99	-0.00	0.00	4.89061931148	CC				
TRANSIENT 0.155								0.00 0.99 0.02				-0.00 -0.02 0.99				

UNFC				UNWC							
1.56588590744	-01	-5.81792431333	-04	-9.87663688723	-01	9.96506214030	-01	-2.51777468201	-04	-8.35182734946	-02

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	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369425.97	11998.20	0	3488	3.6441	4.8906	3498	4682	0	4096	4096

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	TIME	MODE	VERBNOU	H	HDOT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
DISPLAYS:	369426.41	63	6 63	40177	- 763	- 5 22	803	32997	99 80	33085	99999

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	CDUTIME	CDUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369426.76	- 0.7141	81.7822	- 0.4064	D.0341	- 0.0651	0.0073	
	369426.76	- 1.3842	82.0019	- 0.5273	D.0000	- 0.1538	0.0439	DESIRED

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	TIME	MASS		RN		VN		ALTITUDE
AGC	369426.759	+11968.90	+ 1269485.9	+ 1107489.9	+ 467187.9	+ 669.21	- 675.86 - 304.46	+ 12199.12
ENV	369426.759	+11950.29	+ 1269446.6	+ 1104982.7	+ 473115.7	+ 669.16	- 676.90 - 302.46	+ 12172.58
ERR	0.000	18.60	39.3	2507.2	5927.7	0.04	1.04 1.99	26.53
AGC	IN POUNOS	+26386.64	+ 4164980.3	+ 3633497.3	+ 1532769.0	+2195.58	-2217.39 - 998.90	+ 40023.37
ENV	AND FOOTS	+26345.62	+ 4164851.1	+ 3625271.4	+ 1552216.8	+2195.42	-2220.82 - 992.34	+ 39936.31

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PIPTIME: 3.69426760000 05 P63: BRAKQUAO TPIP: 3.69426760000 05

|||||  
P63: BRAKQUAO  
|||||

R AND RG				V AND VG							
1.74231812499	06	-4.67187499999	02	-1.44014874999	05	5.86946010589	01	-1.35108470916	01	9.96870422363	02
6.04587499999	03	-1.15137499999	03	-1.46537374999	05	6.05449676513	01	1.44294738769	01	1.00140533447	03

LANO				TTF				CG			AFC	
1.73605574999	06	-3.36487499999	03	2.48937499999	03	-3.20065424804	02	0.99	-0.00	0.00	4.8865E668473	00
TRANSIENT 0.149								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

UNFC				UNWC							
1.59165085942	-01	-3.86049080328	-04	-9.87251906244	-01	9.96601275855	-01	-2.67229974204	-04	-8.23761224545	-02

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369427.97	11968.90	0	3485	3.6491	4.8865	3485	4667	0	4096	4096

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DISPLAYS:	TIME	MODE	VERBNOU	H	FOCT	TTF	RANGE	ARVEL	TTF LPO	VHORIZ	DELTAH
	369428.41	63	6 63	40023	- 774	- 5 20	792	32765	99 80	32857	99999

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ATTITUDE:	COUTIME	CDUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRED
	369428.76	- 0.6481	81.5734	- 0.3845	0.0338	- 0.1089	- 0.0139		
	369428.76	- 1.3842	81.7822	- 0.5273	0.0000	- 0.1098	0.0549		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369428.759	+11939.67	+ 1270817.9	+ 1106141.9	+ 466579.9	+ 663.25	- 672.02	- 302.83	+ 12151.62
ENV	369428.759	+11920.90	+ 1270778.9	+ 1103632.7	+ 472512.4	+ 663.21	- 673.07	- 300.82	+ 12124.66
ERR	0.000	18.76	39.0	2509.2	5932.4	0.04	1.05	2.00	26.95

	IN PCUNOS	ANO F00TS							
AGC		+26322.21	+ 4169350.3	+ 3629074.8	+ 1530774.2	+2176.03	-2204.80	- 993.55	+ 39867.53
ENV		+26280.83	+ 4169222.3	+ 3620842.3	+ 1550237.5	+2175.90	-2208.25	- 986.97	+ 39779.08

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PIPTIME: 3.69428760000 05

||||| P63: BRAKQUAO

TPIP: 3.69428760000 05

R AND RG				V AND VG							
1.74243349999	06	-4.94249999999	02	-1.42028124959	05	5.66535949707	01	-1.35318756103	01	9.89893341064	02
6.16459999999	03	-1.12962499959	03	-1.44541624999	05	5.84835052490	01	1.42578125000	01	9.94434356689	02

LANO				TTF				CG				AFC				
1.73605574999	06	-3.36499999999	03	2.48024999959	03	-3.17738100585	02	0.99	-0.00	0.00	4.88221878185	00				
								0.00	0.99	0.02						
								-0.00	-0.02	0.99						

TRANSIENT 0.149

UNFC				UNWC							
1.61741525940	-01	-1.91917326987	-04	-9.86833137847	-01	9.96694371609	-01	-2.82727182054	-04	-8.12419206315	-02

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	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369429.97	11939.67	0	3491	3.6641	4.8822	3491	4651	0	4096	4096

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	TIME	MODE	VERBNOUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
DISPLAYS:	369430.41	63	6 63	39868	- 785	- 5 17	781	32532	99 80	32629	99999

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	COUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRED
ATTITUDE:	369430.76	- 0.5822	81.4196	- 0.3735	0.0337	- 0.0491	- 0.0158		
	369430.76	- 1.3842	81.6064	- 0.5273	0.0000	- 0.0659	0.0659		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369430.759	+11910.52	+ 1272137.9	+ 1104801.9	+ 465975.9	+ 657.31	- 668.16	- 301.19	+ 12103.37
ENV	369430.759	+11891.51	+ 1272099.5	+ 1102290.4	+ 471912.3	+ 657.27	- 669.21	- 299.17	+ 12076.09
ERR	0.000	19.01	38.4	2511.5	5936.3	0.04	1.05	2.01	27.28

	IN PCUNDS	+26257.94	+ 4173681.1	+ 3624678.4	+ 1528792.6	+2156.54	-2192.13	- 988.17	+ 39709.23
AGC									
ENV	AND F00TS	+26216.03	+ 4173554.8	+ 3616438.3	+ 1548268.9	+2156.40	-2195.59	- 981.55	+ 39619.71

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PIPTIME:	3.69430760000	05		P63: 8RAKQUAD	TPIP:	3.69430760000	05
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R AND RG				V AND VG							
1.74254481249	06	-5.21312499999	02	-1.40055312499	05	5.46420574188	01	-1.35528564453	01	9.82902622222	02
6.27999999999	03	-1.10774999999	03	-1.42559749999	05	5.64514160156	01	1.40830993652	01	9.87449645996	02

LAND				TTF				CG			AFC	
1.73605574999	06	-3.36512499999	03	2.47112499999	03	-3.15413847656	02	0.99	-0.00	0.00	4.87767625600	00
								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

UNFC				UNWC							
1.64250178081	-01	2.16967549303	-05	-9.86418713594	-01	9.96785530195	-01	-2.98202035952	-04	-8.01156530751	-02

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	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFSET	REG55
THROTTLE:	369431.97	11910.52	0	3487	3.6691	4.8776	3487	4635	0	4096	4096

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	TIME	MODE	VERBNOUN	H	HDDT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
DISPLAYS:	369432.41	63	6 63	39709	- 795	- 5 15	771	32300	99 80	32399	99999

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	COUTIME	COUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRED
ATTITUDE:	369432.76	- 0.5053	81.3867	- 0.3845	0.0341	- 0.0090	0.0069		
	369432.76	- 1.3842	81.5625	- 0.5273	0.0000	- 0.1318	0.0769		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369432.759	+11881.44	+ 1273447.9	+ 1103469.9	+ 465375.9	+ 651.38	- 664.28	- 299.53	+ 12054.56
ENV	369432.759	+11862.12	+ 1273408.0	+ 1100955.8	+ 471315.7	+ 651.33	- 665.33	- 297.51	+ 12026.86
ERR	0.000	19.32	39.9	2514.1	5939.7	0.05	1.05	2.02	27.69
AGC	IN PCUNDS	+26193.83	+ 4177979.0	+ 3620308.3	+ 1526824.1	+2137.07	-2179.40	- 982.73	+ 39549.08
ENV	AND FOOTS	+26151.23	+ 4177848.0	+ 3612059.9	+ 1546311.3	+2136.91	-2182.86	- 976.10	+ 39458.21

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PIPTIME: 3.69432760000 05  
 P63: BRAKQUAC  
 TP1P: 3.69432760000 05

R AND RG				V AND VG							
1.74265212499	06	-5.48437499999	02	-1.38096499999	05	5.26501178741	01	-1.35638713836	01	9.75898408889	02
6.39087459999	03	-1.08587499999	03	-1.40591999999	05	5.44391632080	01	1.39163970947	01	9.80451583862	02

LAND				TTF				CG				AFC			
1.73605574999	06	-3.36524999999	03	2.46199999999	03	-3.13092578515	02	0.99	-0.00	0.00	4.87298704683	00	0.00	0.99	0.02
TRANSIENT 0.145								-0.00 -0.02 0.99							

UNFC				UNWC							
1.66742372394	-01	1.69965241629	-04	-9.86000482940	-01	9.96874775416	-01	-3.13729044157	-04	-7.89973652193	-02

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	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFSET	REG55
THROTTLE:	369433.97	11881.44	0	3483	3.6741	4.8729	3483	4620	0	4096	4096

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	TIME	MODE	VER8NOUN	H	HDOT	TTF	RANGE	ABVEL	TTF LPD	VHDIRZ	DELTAH
DISPLAYS:	369434.41	63	6 63	39549	- 806	- 5 13	760	32067	99 80	32170	59999

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	CDUTIME	CDUX	CDUY	CDUZ	DMEGAX	DMEGAY	DMEGAZ	ACTUAL
ATTITUDE:	369434.76	- 0.4394	81.2329	- 0.3845	0.0334	- 0.1542	- 0.0344	
	369434.76	- 1.3842	81.3867	- 0.5273	0.0000	- 0.0878	0.0769	DESIRED

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	TIME	MASS		RN		VN		ALTITUDE
AGC	369434.759	+11852.43	+ 1274743.9	+ 1102143.9	+ 464777.9	+ 645.43	- 660.38 - 297.88	+ 12004.99
ENV	369434.759	+11832.72	+ 1274704.8	+ 1099629.1	+ 470722.3	+ 645.38	- 661.43 - 295.84	+ 11976.95
ERR	0.000	19.70	39.1	2514.8	5944.3	0.04	1.05 - 2.03	28.04
AGC	IN PCUNOS	+26129.86	+ 4182230.9	+ 3615958.0	+ 1524862.2	+2117.55	-2166.60 - 977.30	+ 39386.48
ENV	ANO FOOTS	+26086.43	+ 4182102.4	+ 3607707.0	+ 1544364.6	+2117.40	-2170.06 - 970.63	+ 39294.47

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PIPTIME: 3.6943476000 05 P63: BRAKQUAO TP IP: 3.6943476000 05

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P63: BRAKQUAO  
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	R AND RG		V ANO VG	
1.74275543749	06 -5.75562499999	02 -1.36151749999	05 5.06577491760	01 -1.35847568511
6.49762499999	03 -1.06562499999	03 -1.38638124999	05 5.24265289306	01 1.37477874755

	LANO		TTF		CG		AFC
1.73605587499	06 -3.36537499999	03 2.45287499999	03 -3.10776079101	02 0.99 -0.00 0.00	4.86801145598	00 0.00 0.99 0.02	
	TRANSIENT 0.151					-0.00 -0.02 0.99	

	UNFC		UNWC	
1.69339689071	-01 4.01969584471	-04 -9.85557663521	-01 9.96962132261	-01 -3.29263506582
				-04 -7.78870876455

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REC55
	369436.16	11852.43	0	3484	3.6841	4.8680	3484	4604	0	4096	4096

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OISPLAYS:	TIME	MODE	VERBNOUN	H	HOOT	TTF	RANGE	ARVEL	TTF LPD	VHORIZ	OELTAH
	369436.49	63	6 63	39386	- 818	- 5 10	749	31833	99 80	31939	99999

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ATTITUDE:	COUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
	369436.76	- 0.3845	81.0241	- 0.4394	- 0.0026	- 0.0629	- 0.0127	
	369436.76	- 1.3842	81.3537	- 0.5273	0.0000	- 0.1647	0.0878	OESIREO

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369436.759	+11822.76	+ 1276029.9	+ 1100827.9	+ 464183.9	+ 639.49	- 656.44	- 296.20	+ 11954.74
ENV	369436.759	+11803.32	+ 1275989.6	+ 1098310.1	+ 470132.3	+ 639.45	- 657.50	- 294.16	+ 11926.36
ERP	0.000	19.43	40.3	2517.8	5948.3	0.04	1.06	2.03	28.38

	IN POUNDS	ANO FOOT5							
AGC	+26064.46	+ 4186450.1	+ 3611640.4	+ 1522913.3	+2098.09	-2153.67	- 971.81	+ 39221.62	
ENV	+26021.61	+ 4186317.7	+ 3603379.7	+ 1542428.8	+2097.93	-2157.15	- 965.12	+ 39128.49	

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PIPTIME:	3.69436760000 05		TPIP:	3.69436760000 05
		P63: BRAKQUAO		

R AND PG				V ANO VG							
1.74285481249	06	-6.02749999999	02	-1.34221062495	05	4.87048625546	01	-1.36055946350	01	9.61819314956	02
6.60037499999	03	-1.04374999999	03	-1.36698499999	05	5.04535675048	01	1.35646820068	01	9.66384887695	02

LANO				TTF				CG				AFC				
1.73605587499	06	-3.36549999999	03	2.44374999999	03	-3.08464301757	02	0.99	-0.00	0.00	4.86296834424	00				
								0.00	0.99	0.02						
								-0.00	-0.02	0.99						

UNFC				UNWC							
1.71785249767	-01	6.13794744150	-04	-9.85134230051	-01	9.97047627512	-01	-3.44827769312	-04	-7.67848263977	-02

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	TIME	MASS	FWFIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLF:	369437.98	11822.76	0	3489	3.6991	4.8629	3489	4587	0	4096	4096

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	TIME	MODE	VERBNOUN	H	FDOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	OELTAH
OISPLAYS:	369438.42	63	6 63	35222	- 829	- 5 8	739	31599	99 R0	31708	99999

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	COUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDEF:	369438.76	- 0.3955	80.9033	- 0.4284	- 0.0024	- 0.0816	- 0.0048	
	369438.76	- 1.3842	81.1340	- 0.5273	0.0000	- 0.1208	0.0988	DESIRED

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	TIME	MASS		RN		VN		ALTITUDE
AGC	369438.759	+11793.17		+ 1277301.9	+ 1099517.9	+ 463593.9		+ 633.56 - 652.46 - 294.53   + 11903.87
ENV	369438.759	+11773.92		+ 1277262.6	+ 1096995.0	+ 469545.6		+ 633.52 - 653.54 - 292.48   + 11875.10
ERR	0.000	19.24		39.3	2518.9	5951.6		0.04 1.07 2.05   28.76
AGC	IN POUNDS	+25999.22		+ 4190623.3	+ 3607342.5	+ 1520977.6		+2078.62 -2140.64 - 966.31   + 39054.70
ENV	AND FOOTS	+25956.79		+ 4190494.1	+ 3599078.4	+ 1540504.1		+2078.48 -2144.16 - 959.58   + 38960.31

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PIPTIME: 3.6943876000 05  
 P63: BRAKQUAD  
 TPIP: 3.6943876000 05

R AND RG				V AND VG							
1.74295031249	06	-6.29999999999	02	-1.32304499999	05	4.67715263366	01	-1.36363983154	01	9.54744529724	02
6.69937499999	03	-1.02199999999	03	-1.34772874999	05	4.85000610351	01	1.33682250976	01	9.59316253662	02

LAND				TTF				CG			AFC	
1.73605587499	06	-3.36562499999	03	2.43462499999	03	-3.06156566679	02	0.99	-0.00	0.00	4.85724536702	00
TRANSIENT 0.144								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

UNFC				UNNC							
1.74258997612	-01	9.01675186353	-04	-9.84699440810	-01	9.97131287034	-01	-3.60429286589	-04	-7.56905972185	-02

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THRDTTLE:	TIME	MASS	FWEIGHT	FCDLD	AF	AFC	FP	FC	PIF	PIFSET	REG55
	369439.97	11793.17	0	3490	3.7091	4.8572	3490	4570	0	4096	4096

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DISPLAYS:	TIME	MDDE	VERBNDUN	H	HDDT	TTF	RANGE	A8VEL	TTF LPD	VHDRIZ	DELTAH
	369440.41	63	6 63	39055	- 840	- 5 6	725	31364	99 80	31476	99999

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ATTITUDE:	CDUTIME	CDUX	CDUY	CDUZ	DMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRED
	369440.76	- 0.3955	80.7714	- 0.4064	- 0.0022	- 0.0656	0.0082		
	369440.76	- 1.3842	80.9582	- 0.4833	0.0000	- 0.0769	0.1098		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369440.759	+11763.65	+ 1278563.9	+ 1098217.9	+ 463005.9	+ 627.63	- 648.47	- 292.83	+ 11852.31
ENV	369440.759	+11744.52	+ 1278523.7	+ 1095696.0	+ 468962.3	+ 627.59	- 649.55	- 290.78	+ 11823.16
ERR	0.000	19.12	40.2	2521.9	5956.3	0.04	1.07	2.05	29.14
AGC	IN PCUNOS	+25934.15	+ 4194763.7	+ 3603077.4	+ 1519048.5	+2059.18	-2127.55	- 960.76	+ 38885.53
ENV	AND FOOTS	+25891.98	+ 4194631.6	+ 3594803.1	+ 1538590.5	+2059.04	-2131.08	- 954.01	+ 38789.92

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PIPTIME: 3.69440760000 05  
 P63: BRAKQUAC  
 TPIP: 3.69440760000 05

R AND RG				V AND VG											
1.74304193749	06	-6.57312499999	02	-1.30402124999	05	4.48576450347	01	-1.36571407318	01	9.47656250000	02				
6.79449999999	03	-9.58249999999	02	-1.32861499999	05	4.65663909912	01	1.31656646728	01	9.52234649658	02				
LANO				TTF				CG				AFC			
1.736055E7499	06	-3.36574999999	03	2.42549999999	03	-3.03852451171	02	0.99	-0.00	0.00	4.85248863697	CC	0.00	0.99	0.02
TRANSIENT 0.142				-0.00				-0.02				0.99			
UNFC				UNWC											
1.76692618423	-01	1.12188190506	-03	-9.84265441827	-01	9.97213132717	-01	-3.76060607873	-04	-7.46044671177	-02				

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REQ55
	369441.95	11763.65	0	3491	3.7191	4.8524	3491	4554	0	4096	4096

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OISPLAYS:	TIME	MOOE	VERBDOUN	H	HDOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	OELTAF
	369442.41	63	6 63	38886	- 851	- 5 3	718	31129	99 80	31244	99999

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ATTITUDE:	COUTIME	COUX	CDUY	COUZ	OMEGA X	OMEGAY	OMEGAZ	ACTUAL
	369442.76	- 0.4064	80.7165	- 0.3076	- 0.0012	0.0164	C.0609	
	369442.76	- 1.3842	80.9143	- 0.3076	0.0000	- 0.1428	0.0329	OESIREC

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369442.759	+11734.21	+ 1279811.9	+ 1096923.9	+ 462421.9	+ 621.71	- 644.47	- 291.12	+ 11800.06	
ENV	369442.759	+11715.12	+ 1279772.9	+ 1094400.9	+ 468382.5	+ 621.67	- 645.54	- 289.06	+ 11770.55	
ERR	0.000	19.09	39.0	2523.0	5960.5	0.04	1.07	2.05	29.51	

	IN PDUNDS	AND FOOTS	+25869.25	+ 4198858.2	+ 3598832.0	+ 1517132.5	+2039.76	-2114.41	- 955.14	+ 38714.11
AGC										
ENV			+25827.16	+ 4198730.3	+ 3590554.1	+ 1536688.1	+2039.59	-2117.94	- 948.38	+ 38617.29

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PIPTIME: 3.6944276000 05  
 P63: BRAKQUAO  
 TPIP: 3.6944276000 05

R AND RG				V AND VG							
1.74312974999	06	-6.84624999999	02	-1.28513937499	05	4.29633617401	01	-1.36679172515	01	9.40554523468	02
6.88562499999	03	-9.76249999999	02	-1.30964124959	05	4.46521759033	01	1.29821777343	01	9.45138931274	02

LANO				TTF		CG			AFC	
1.73605587499	06	-3.36587499999	03	2.41637459959	03	-3.01551059570	02	0.99 -0.00 0.00	4.84638148918	00
TRANSIENT 0.142								0.00 0.99 0.02		
								-0.00 -0.02 0.99		

UNFC				UNWC							
1.79130815716	-01	1.21273741125	-03	-9.83824388588	-01	9.97293193216	-01	-3.91691924731	-04	-7.35264125470	-02

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THRDITLE:	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369443.55	11734.21	0	3487	3.7241	4.8463	3487	4537	0	4096	4096

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DISPLAYS:	TIME	MDOE	VERBNDUN	H	HOOT	TTF	RANGE	A8VEL	TTF LPO	VHORIZ	OELTAH
	369444.40	63	6 63	38714	- 862	- 5 1	708	30893	99 80	31011	99999

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ATTITUDE:	CDUTIME	CDUX	CDUY	CDUZ	DMEGAX	DMEGAY	DMEGAZ	ACTUAL	DESIRED
	369444.76	- 0.4064	80.5957	- 0.3955	- 0.0038	- 0.1238	- 0.0779		
	369444.76	- 1.3842	80.7385	- 0.3076	0.0000	- 0.0988	0.0439		

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369444.759	+11704.84	+ 1281049.9	+ 1095639.9	+ 461841.9	+ 615.78	- 640.45	- 289.40	+ 11747.06	
ENV	369444.759	+11685.71	+ 1281010.4	+ 1093113.8	+ 467806.1	+ 615.74	- 641.52	- 287.34	+ 11717.22	
ERR	0.000	19.12	39.5	2526.1	5964.1	0.04	1.07	2.06	29.83	
AGC	IN POUNDS	+25804.50	+ 4202919.9	+ 3594619.4	+ 1515229.6	+2020.29	-2101.21	- 949.50	+ 38540.23	
ENV	ANO FOOTS	+25762.33	+ 4202790.1	+ 3586331.3	+ 1534796.9	+2020.14	-2104.74	- 942.71	+ 38442.34	

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PIPTIME: 3.6944476000 05      P63: 8RAKQUAO      TP1P: 3.6944476000 05

R AND RG				V AND VG							
1.74321381249	06	-7.11999999999	02	-1.26639937499	05	4.10686492919	01	-1.36786460876	01	9.33429431915	02
6.97324599999	03	-9.55874999999	02	-1.29080999999	05	4.27375793457	01	1.28074645996	01	9.38019943237	02

LAND				TTF				CG		AFC		
1.73605587499	06	-3.36599999999	03	2.40724999999	03	-2.95255312499	02	0.99	-0.00	0.00	4.83997631818	00
TRANSIENT 0.148								0.00	0.59	0.02		
								-0.00	-0.02	0.99		

UNFC				UNWC							
1.81667769641	-01	1.50886539340	-03	-9.83358807759	-01	9.97371494525	-01	-4.07367944617	-04	-7.24564418019	-02

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	TIME	MASS	FWFIGHT	FCLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369446.95	11704.84	0	3487	3.7341	4.8399	3487	4520	0	4096	4096

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	TIME	MODE	VER8NDUN	H	HOOT	TTF	RANGE	88VEL	TTF LPO	VHORIZ	OELTAH
DISPLAYS:	369446.41	63	6 63	38540	- 874	- 4 59	698	30657	99 80	30777	99999

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	COUTIME	CDUX	CDUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369446.76	- 0.4174	80.4638	- 0.4174	- 0.0009	- 0.0147	0.0762	
	369446.76	- 1.3842	80.6945	- 0.3076	0.0000	- 0.1757	0.0549	DESIRE0

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369448.759	+11646.32	+ 1283489.9	+ 1093053.9	+ 460691.9	+ 603.94	- 632.30	- 285.95	+ 11639.06	
ENV	369448.759	+11626.90	+ 1283449.6	+ 1090563.9	+ 466663.7	+ 603.89	- 633.39	- 283.86	+ 11608.44	
ERR	0.000	19.42	40.3	2530.0	5971.7	0.04	1.08	2.08	30.62	
AGC	IN POUNDS	+25675.49	+ 4210925.1	+ 3586266.4	+ 1511456.6	+1981.43	-2074.50	- 938.16	+ 38185.90	
ENV	AND FEET	+25632.67	+ 4210792.8	+ 3577965.7	+ 1531048.8	+1981.27	-2072.06	- 931.30	+ 38085.43	

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PIPTIME: 3.6944876000 05  
 P63: BRAKQUAD  
 TPIP: 3.6944876000 05

R ANO RG				V ANO VG							
1.74337068749	06	-7.66812499999	02	-1.22934874999	05	3.73577594757	01	-1.37198925018	01	9.19118928909	02
7.13662499999	03	-9.11874999999	02	-1.25357749999	05	3.89873504638	01	1.24038696289	01	9.23721694946	02

LANO				TTF				CG			AFC	
1.73605587499	06	-3.36624999999	03	2.38899999999	03	-2.94675839843	02	0.99	-0.00	0.00	4.82719158753	00
TRANSIENT 0.147								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

UNFC				UNWC							
1.86606892165	-01	2.01990493112	-03	-9.82432586388	-01	9.97522910879	-01	-4.38764690455	-04	-7.03409536234	-02

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369449.92	11646.32	0	3488	3.7541	4.8271	3488	4486	0	4096	4096

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OISPLAYS:	TIME	MODE	VERBNOUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	OELTAF
	369450.40	63	6 63	38186	- 897	- 4 54	678	30183	99 80	30308	99999

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ATTITUDE:	COUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRED
	369450.76	- 0.4284	80.1232	- 0.2746	- 0.0018	- 0.0867	0.0268		
	369450.76	- 1.3842	80.2551	- 0.3076	0.0000	- 0.1208	0.0988		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369450.759	+11617.18	+ 1284691.9	+ 1091833.9	+ 460119.9	+ 598.02	- 628.19	- 284.19	+ 11583.93
ENV	369450.759	+11597.49	+ 1284651.5	+ 1089301.2	+ 466097.7	+ 597.97	- 629.28	- 282.09	+ 11552.97
ERR	0.000	19.68	40.4	2532.7	5977.7	0.04	1.09	2.09	30.96

	IN POUNDS	AND	FOOTS							
AGC	+25611.23			+ 4214868.7	+ 3582132.5	+ 1509580.0	+1962.03	-2061.01	- 932.39	+ 38005.04
ENV	+25567.84			+ 4214735.9	+ 3573823.1	+ 1529192.0	+1961.87	-2064.59	- 925.51	+ 37903.46

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PIPTIME: 3.6945076000 05

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PE3: 8RAKOUAO  
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TIPI: 3.6945076000 05

R AND RG

V AND VG

1.74344356249	06	-7.94249999999	02	-1.21103812499	05	3.55417251586	01	-1.37304782867	01	9.11933708190	02
7.21274999999	03	-8.91374999999	02	-1.23517499999	05	3.71517181396	01	1.22177124023	01	9.16542053222	02

LAND

TTF

CG

AF

1.73605587499	06	-3.36637499999	03	2.37987499999	03	-2.92393085937	02	0.99	-0.00	0.00	4.81973402202	00
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TRANSIENT 0.141

0.00 0.99 0.02  
-0.00 -0.02 0.99

UNFC

UNWC

1.89020079001	-01	2.25132828774	-03	-9.81970641748	-01	9.97596078090	-01	-4.54470512070	-04	-6.92954431055	-02
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	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369451.92	11617.18	0	3489	3.7641	4.8197	3489	4467	0	4096	4096

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	TIME	MODE	VERRNOUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	OELTAH
DISPLAYS:	369452.40	63	6 63	38005	- 909	- 4 52	668	29945	99 80	30072	95999

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	COUTIME	CDUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369452.76	- 0.4284	79.9365	- 0.2746	- 0.0019	- 0.1018	0.0202	
	369452.76	- 1.3842	80.0793	- 0.2636	0.0000	- 0.0878	0.1098	DESIRED

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	TIME	MASS		RN		VN		ALTITUDE
AGC	369452.759	+11588.10	+ 1285881.9	+ 1090581.9	+ 459553.9	+ 592.11	- 624.06 - 282.41	+ 11528.12
ENV	369452.759	+11568.08	+ 1285841.5	+ 1088046.8	+ 465535.3	+ 592.07	- 625.15 - 280.31	+ 11496.80
ERR	0.000	20.01	40.4	2535.1	5981.3	0.04	1.09	31.31
AGC	IN POUNDS	+25547.13	+ 4218772.9	+ 3578024.9	+ 1507723.0	+1942.64	-2047.44 - 926.56	+ 37821.93
ENV	AND FOOTS	+25503.00	+ 4218640.3	+ 3569707.4	+ 1527346.8	+1942.51	-2051.04 - 919.66	+ 37719.18

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PIPTIME: 3.69452760000 05

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P63: BRKQUAD  
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TPIP: 3.69452760000 05

R AND RG				V AND VG							
1.74351287499	06	-8.21687499999	02	-1.19287124999	05	3.37451934814	01	-1.37310028076	01	9.04725122451	02
7.28524999999	03	-8.70874999999	02	-1.21691749999	05	3.53355407714	01	1.20391845703	01	9.09338760375	02

LANO				TTF				CG			AFC		
1.73605587499	06	-3.36649999999	03	2.37074999999	03	-2.90114790039	02	0.99	-0.00	0.00	4.81295166537	00	
TRANSIENT 0.139								0.00	0.99	0.02			
								-0.00	-0.02	0.99			

UNFC				UNWC							
1.91408162285	-01	2.41836114486	-03	-9.81507548081	-01	9.97667584326	-01	-4.70183787860	-04	-6.82581138876	-02

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	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFSET	REG55
THROTTLE:	369453.52	11588.10	0	3494	3.7791	4.8129	3494	4450	0	4096	4096

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	TIME	MODE	VERBNOUN	H	HOOT	TTF	RANGE	ASVEL	TTF LPD	VHORIZ	DELTAH
DISPLAYS:	369454.40	63	6 63	37822	- 920	- 4 50	658	29706	99 80	29836	99999

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	COUTIME	COUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369454.76	- 0.4284	79.8046	- 0.1428	0.0003	- 0.0170	0.1405	
	369454.76	- 1.3842	80.0354	- 0.0878	0.0000	- 0.1538	0.0109	DESIREO

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369454.759	+11559.09	+ 1287059.9	+ 1089337.9	+ 458991.9	+ 586.23	- 619.89	- 280.62	+ 11471.62
ENV	369454.759	+11538.67	+ 1287019.8	+ 1086800.6	+ 464976.4	+ 586.18	- 621.00	- 278.51	+ 11439.95
ERR	0.000	20.42	40.1	2537.3	5984.4	0.05	1.10	2.10	31.67
AGC	IN PCUNOS	+25483.17	+ 4222637.7	+ 3573943.5	+ 1505879.2	+1923.33	-2033.77	- 920.68	+ 37636.56
ENV	ANO FOOTS	+25438.15	+ 4222506.0	+ 3565619.0	+ 1525513.4	+1923.16	-2037.40	- 913.76	+ 37532.64

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PIPTIME: 3.6945476000 05      P63: 8RAKQUAQ      TP1P: 3.6945476000 05

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P63: 8RAKQUAQ  
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	R AND RG			V AND VG		
1.74357862499	06	-8.49124999999	02	-1.17484874999	05	3.19882869720 01
7.35399999999	03	-8.51874999999	02	-1.19880249999	05	3.35590362548 01
						-1.37314796447 01
						1.18686676025 01
						8.97503185272 02
						9.02122116088 02

	LANO	TTF	CG	AFC
1.7360559999	06	-3.36662499999	03	2.36162499999
		03	-2.87640698242	02
			0.99 -0.00 0.00	4.80608316138 00
			0.00 0.99 0.02	
			-0.00 -0.02 0.99	

	UNFC			UNWC
1.93681388578	-01	2.62036246945	-03	-9.81060983537 -01
				9.97737452517 -01
				-4.85904511224 -04
				-6.72290096714 -02

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	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369455.91	11559.09	0	3490	3.7841	4.8060	3490	4432	0	4096	4096

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	TIME	MODE	VERBNOUN	H	HDOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
DISPLAYS:	369456.40	63	6 63	37637	- 931	- 4 47	649	29467	99 80	29599	99999

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	CDUTIME	CDUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369456.76	- 0.4394	79.6548	- 0.0439	- 0.004C	- 0.1076	- 0.0850	
	369456.76	- 1.3842	79.8596	- 0.0878	0.0000	- 0.0988	0.0329	OESIREO

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369456.759	+11529.46	+ 1288225.9	+ 1088101.9	+ 458431.9	+ 580.33	- 615.72	- 278.80	+ 11414.49	
ENV	369456.759	+11509.25	+ 1288186.3	+ 1085562.8	+ 464421.2	+ 580.28	- 616.83	- 276.68	+ 11382.39	
ERR	0.000	20.20	39.6	2539.1	5989.2	0.04	1.10	2.11	32.10	

	IN PCUNOS	ANO FOOTS								
AGC	+25417.84	+ 4226463.2	+ 3569888.4	+ 1504041.9	+1503.99	-2020.10	- 914.70	+ 37449.14		
ENV	+25373.31	+ 4226333.0	+ 3561557.8	+ 1523691.8	+1903.83	-2023.72	- 907.75	+ 37343.83		

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PIPTIME:	3.69456760000	05		TIPI:	3.69456760000	05
			P63: BRAKQUAO			

		R AND RG			V ANO VG							
1.743640	E7499	06	-8.76562499999	02	-1.15697124999	05	3.02309036254	01	-1.37019634246	01	8.90268039703	02
7.419459	99999	03	-8.32999999999	02	-1.18083374999	05	3.17821502685	01	1.17259979248	01	8.94891357421	02

		LANO			TTF			CG		AFC	
1.736055	99999	06	-3.36674999999	03	2.35249999999	03	-2.85570581054	02	0.99 -0.00 0.00	4.79767331853	CC
		TRANSIENT	0.138						0.00 0.99 0.02		
									-0.00 -0.02 0.99		

		UNFC			UNWC							
1.960571	19126	-01	2.64639861091	-03	-9.80588906022	-01	9.97805706412	-01	-5.01617788894	-04	-6.62081613642	-02

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369457.95	11529.46	0	3486	3.7891	4.7976	3486	4413	0	4096	4096

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OISPLAYS:	TIME	MODE	VERBNDUN	H	HDOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
	369458.41	63	6 63	37449	- 943	- 4 45	639	29228	99 80	29362	99999

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ATTITUDE:	CDUTIME	CDUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
	369458.76	- 0.4354	79.5959	- 0.1647	- C.0018	- 0.0115	0.0283	
		- 1.3842	79.8156	- 0.0878	C.0000	- 0.1647	0.0219	DESIRED

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ROYAL BUSINESS FORMS INCORPORATED

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369458.759	+11499.89	+ 1289381.9	+ 1086873.9	+ 457875.9	+ 574.44	- 611.52	- 276.98	+ 11356.62
ENV	369458.759	+11479.84	+ 1289341.0	+ 1084333.3	+ 463869.7	+ 574.39	- 612.63	- 274.85	+ 11324.15
ERR	0.000	20.05	40.9	2540.6	593.7	0.05	1.10	2.13	32.47
AGC	IN POUNDS	+25352.67	+ 4230255.9	+ 3565859.5	+ 1502217.8	+1884.67	-2006.30	- 908.73	+ 37259.26
ENV	AND FOOTS	+25308.45	+ 4230121.4	+ 3557524.1	+ 1521882.3	+1884.50	-2009.94	- 901.74	+ 37152.72

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PIPTIME: 3.69458760000 05

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P63: 8RAKOUAD  
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TPIP: 3.69458760000 05

R AND RG				V AND VG							
1.74369962499	06	-9.03937499999	02	-1.13923874999	05	2.85030364990	01	-1.36923313140	01	8.83005624481	02
7.48124959999	03	-8.18624999999	02	-1.16301124999	05	3.00354003906	01	1.15951538085	01	8.87637329101	02

LAND				TTF		CG			AFC	
1.73605599999	06	-3.36687499999	03	2.34337499999	03	-2.83305683593	02	0.99 -0.00 0.00	4.78988579011	00
TRANSIENT 0.134						0.00 0.99 0.02				
						-0.00 -0.02 0.99				

UNFC				UNWC							
1.98352095325	-01	2.83187611089	-03	-9.80126740150	-01	9.97872371806	-01	-5.17301255932	-04	-6.51955672136	-02

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFSET	REG55
	369459.92	11499.89	0	3490	3.8041	4.7898	3490	4395	0	4096	4096

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OISPLAYS:	TIME	MODE	VER8NOUN	H	FOOT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
	369460.40	63	6 63	37259	- 954	- 4 43	629	28988	99 80	25124	59999

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ATTITUDE:	COUTIME	CDUX	COUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRED
	369460.76	- 0.4504	79.4531	- 0.0588	- 0.0013	- 0.1231	0.0502		
	369460.76	- 1.3842	79.5959	- 0.0878	0.0000	- 0.1208	0.0329		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369460.759	+11470.41	+ 1290523.9	+ 1085655.9	+ 457323.9	+ 568.55	- 607.29	- 275.14	+ 11298.06
ENV	369460.759	+11450.42	+ 1290483.9	+ 1083112.3	+ 463321.9	+ 568.50	- 608.40	- 273.01	+ 11265.19
ERR	0.000	19.99	40.0	2543.6	5997.8	0.04	1.11	2.13	32.86

	IN POUNDS	AND FOOT							
ACC	+25287.68		+ 4234002.6	+ 3561863.5	+ 1500406.8	+1865.33	-1992.44	- 902.70	+ 37067.13
ENV	+25243.60		+ 4233871.0	+ 3553518.1	+ 1520084.9	+1865.18	-1996.08	- 895.70	+ 36959.30

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PIPTIME:	3.6946076000	05		PIP:	3.6946076000	05

		R AND RG			V ANO VG						
1.74375453749	06	-9.31312499999	02	-1.12165124999	05	2.67847537994	01	-1.36726379394	01	8.75727987289	02
7.53962499999	03	-8.01124999999	02	-1.14532999999	05	2.82978057861	01	1.14471435546	01	8.80360412597	02

		LANO		TTF		CG		AF		
1.73605599999	06	-3.36699999999	03	2.33424999999	03	-2.81045771484	02	0.99 -0.00 0.00	4.78178728371	00
						0.00 0.59 0.02				
						-0.00 -0.02 0.99				

		UNFC			UNWC						
2.00716401599	-01	2.93412324539	-03	-9.75644995419	-01	9.97937473511	-01	-5.32992181697	-04	-6.41912367952	-02

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369461.92	11470.41	0	3491	3.8141	4.7817	3491	4376	0	4096	4056

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DISPLAYS:	TIME	MODE	VER8NDUUN	H	FOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
	369462.40	63	6 63	37067	- 966	- 4 41	620	28748	99 80	28885	99999

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ATTITUDE:	CDUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIREO
	369462.76	- 0.4504	79.2114	- 0.0659	- 0.0025	- 0.1247	- 0.0119		
	369462.76	- 1.3842	79.4201	- 0.0878	0.0000	- 0.0878	0.0329		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369462.759	+11441.01	+ 1291655.9	+ 1084445.9	+ 456775.9	+ 562.68	- 603.04	- 273.29	+ 11238.74
ENV	369462.759	+11421.00	+ 1291615.0	+ 1081899.7	+ 462777.7	+ 562.62	- 604.15	- 271.14	+ 11205.54
ERR	0.000	20.00	40.9	2546.2	6001.7	0.05	1.11	2.14	33.20

AGC	IN PCUNOS	+25222.85	+ 4237716.5	+ 3557893.7	+ 1498608.9	+1846.07	-1978.47	- 896.62	+ 36872.53
ENV	AND FOOTS	+25178.74	+ 4237582.1	+ 3549539.8	+ 1518299.6	+1845.89	-1982.14	- 889.59	+ 36763.58

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PIPTIME:	3.6946276000	05		TPIP:	3.6946276000	05
			P63: BRAKQUAD			

R AND RG					V AND VG						
1.743806	06	-9.5862499999	02	-1.10420937499	05	2.51060009002	01	-1.36528968811	01	8.68433237075	02
7.59449999999	03	-7.85124999999	02	-1.12779624999	05	2.65998840332	01	1.13090515136	01	8.73070144653	02

LANO					TTF			CG			AFC	
1.736055	06	-3.36712499999	03	2.32512499959	03	-2.78790014648	02	0.99	-0.00	0.00	4.77208588741	00
								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

TRANSIENT 0.130

UNFC					UNWC						
2.02942912939	-01	3.05886178456	-03	-9.79185793122	-01	9.98001035013	-01	-5.48630950628	-04	-6.31951985201	-02

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	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369463.92	11441.01	0	3491	3.8241	4.7720	3491	4356	0	4096	4096

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	TIME	MODE	VERBNOUN	H	HDOT	TTF	RANGE	ARVEL	TTF LPD	VHORIZ	DELTAH
OISPLAYS:	369464.40	63	6 63	36873	- 977	- 4 38	610	28507	99 80	28646	99999

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	CDUTIME	CDUX	CDUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369464.76	- 0.4614	79.0686	- 0.0988	- 0.0034	- 0.0106	- 0.0511	
	369464.76	- 1.3842	79.3762	- 0.0878	0.0000	- 0.1428	0.0329	DESIREO

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369464.759	+11411.67	+ 1292775.9	+ 1083243.9	+ 456229.9	+ 556.81	- 598.74	- 271.42	+ 11178.81	
ENV	369464.759	+11391.58	+ 1292734.4	+ 1080695.7	+ 462237.3	+ 556.76	- 599.87	- 269.27	+ 11145.20	
ERR	0.000	20.09	41.5	2548.2	6007.3	0.05	1.12	2.15	33.60	
AGC	IN PCUNDS	+25158.17	+ 4241391.0	+ 3553950.1	+ 1496817.5	+1826.83	-1964.40	- 890.50	+ 36675.89	
ENV	ANO FOOTS	+25113.88	+ 4241254.6	+ 3545589.6	+ 1516526.6	+1826.65	-1968.08	- 883.43	+ 36565.63	

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PIPTIME: 3.69464760000 05 P63: BRAKQUAD TP1P: 3.69464760000 05

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P63: BRAKQUAD  
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R ANO RG				V AND VG							
1.74385537499	06	-9.85937499999	02	-1.08691374999	05	2.3456972723	01	-1.36331081390	01	8.61115264892	02
7.64595999999	03	-7.69249999999	02	-1.11040874999	05	2.49317169189	01	1.11671447753	01	8.65756607055	02

LANO				TTF				CG		AFC	
1.73605599999	06	-3.36724999999	03	2.31599999999	03	-2.76539692382	02	0.99 -0.00	0.00	4.76306304335	00
								0.00	0.99	0.02	
								-0.00	-0.02	0.99	

UNFC				UNWC							
2.05106289804	-01	3.18860201795	-03	-9.78734510835	-01	9.98063079536	-01	-5.64284618187	-04	-6.22074822611	-02

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	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	P1F	PIFSET	REG55
THROTTLE:	369465.92	11411.67	0	3491	3.8341	4.7630	3491	4337	0	4096	4096

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	TIME	MDOE	VERBNOUN	H	HDDT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
DISPLAYS:	369466.40	63	6 63	36676	- 988	- 4 36	601	28265	99 80	28406	99999

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	COUTIME	COUX	COUY	COUZ	OMEGAX	DMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369466.76	- 0.4614	78.5587	- 0.1867	- 0.0027	- 0.0828	- 0.0205	
	369466.76	- 1.3842	79.2004	- 0.0878	0.0000	- 0.0878	0.0329	DESIRED

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ROYAL BUSINESS FORMS INCORPORATED MI-ZIC

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369466.759	+11392.41	+ 1293883.9	+ 1082049.9	+ 455689.9	+ 550.94	- 594.43	- 269.56	+ 11118.12
ENV	369466.759	+11362.15	+ 1293842.0	+ 1079500.2	+ 461700.6	+ 550.89	- 595.56	- 267.39	+ 11084.19
ERR	0.000	20.26	41.9	2545.7	6010.6	0.04	1.13	2.16	33.92
AGC	IN POUNOS	+25093.68	+ 4245026.2	+ 3550032.8	+ 1495045.9	+1807.57	-1950.23	- 884.38	+ 36476.78
ENV	ANO FOOTS	+25049.01	+ 4244888.7	+ 3541667.5	+ 1514765.8	+1807.41	-1953.95	- 877.28	+ 36365.48

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PIPTIME: 3.6946676000 05 P63: BRAKOUAD TP1P: 3.6946676000 05

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P63: BRAKOUAD  
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R ANO RG				V ANO VG							
1.74390062499	06	-1.01318749999	03	-1.06976499999	05	2.18174457550	01	-1.36232376098	01	8.53774118423	02
7.69412499999	03	-7.53249999999	02	-1.09316874999	05	2.32734680175	01	1.10130310058	01	8.58419799804	02

LANO				TTF		CG		AFC		
1.73605599999	06	-3.36737499999	03	2.30687499999	03	-2.74295180664	02	0.99 -0.00 0.00	4.75352095680	CC
								0.00 0.99 0.02		
								-0.00 -0.02 0.99		

UNFC				UNWC							
2.07323552382	-01	3.37204189305	-03	-9.78266617012	-01	9.98123629271	-01	-5.79901042993	-04	-6.12281340963	-02

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THRITTLE:	TIME	MASS	FWEIGHT	FCQLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369467.92	11382.41	0	3496	3.8491	4.7535	3496	4317	0	4096	4096

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OISPLAYS:	TIME	MOOE	VERBNOUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
	369468.41	63	6 63	36477	- 999	- 4 34	592	28023	99 80	28165	59999

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ATTITUDE:	COUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIREO
	369468.76	- 0.4724	78.5257	- 0.1098	- 0.0015	0.0242	0.0478		
	369468.76	- 1.3842	79.1564	- 0.0878	0.0000	- 0.1428	0.0439		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369468.759	+11353.23	+ 1294979.9	+ 1080865.9	+ 455151.9	+ 545.08	- 590.09	- 267.67	+ 11056.81
ENV	369468.759	+11332.73	+ 1294938.0	+ 1078313.4	+ 461167.7	+ 545.03	- 591.22	- 265.50	+ 11022.50
ERR	0.000	20.50	41.9	2552.5	6015.7	0.05	1.12	2.16	34.30
AGC	IN POUNDS	+25029.34	+ 4248622.0	+ 3546148.2	+ 1493280.8	+1788.33	-1936.02	- 878.20	+ 36275.63
ENV	AND FEET	+24984.14	+ 4248484.3	+ 3537773.8	+ 1513017.4	+1788.17	-1939.72	- 871.09	+ 36163.08

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PIPTIME: 3.69468760000 05

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P63: BRAKOUAO  
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TPIP: 3.69468760000 05

R AND RG				V AND VG							
1.74394262499	06	-1.04043749999	03	-1.05276312499	05	2.01974868774	01	-1.36033058166	01	8.46419954299	02
7.73924999999	03	-7.35624999999	02	-1.07607374999	05	2.16346740722	01	1.08528137207	01	8.51070404052	02

LAND				TTF				CG			AFC	
1.73605599999	06	-3.36749999999	03	2.29774999999	03	-2.72054716796	02	0.99	-0.00	0.00	4.74374042823	00
TRANSIENT 0.128								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

UNFC				UNWC							
2.09516960103	-01	3.50426688485	-03	-9.77798733657	-01	9.98182709705	-01	-5.95517453977	-04	-6.02571440139	-02

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	TIME	MASS	FWEIGHT	FCQLO	AF	AFC	FP	FC	PIF	PIFSET	REG55
THROTTLE:	369470.16	11353.23	0	3491	3.8541	4.7437	3491	4297	- 1	4096	4095

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	TIME	MODE	VERBNOUN	H	HQOT	TTF	RANGE	ARVEL	TTF LPO	VHORIZ	DELTAH
DISPLAYS:	369470.48	63	6 63	36276	- 1011	- 4 32	583	2778I	99 80	27924	99999

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	CDUTIME	COUX	CDUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369470.76	- 0.4724	78.8708	- 0.1318	- 0.0025	- 0.1245	- 0.0127	
	369470.76	- 1.3842	78.9807	- 0.0878	0.0000	- 0.0988	0.0439	DESIREO

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369470.759	+11324.12	+ 1296063.9	+ 1079689.9	+ 454619.9	+ 539.21	- 585.74	- 265.78	+ 10994.81
ENV	369470.759	+11303.30	+ 1296022.2	+ 1077135.3	+ 460638.6	+ 539.16	- 586.88	- 263.60	+ 10960.11
ERR	0.000	20.82	41.7	2554.6	6018.6	0.05	1.13	2.17	34.69
AGC	IN PCUNOS	+24965.16	+ 4252178.4	+ 3542290.0	+ 1491535.4	+1769.08	-1921.73	- 871.98	+ 36072.21
ENV	AND FOOTS	+24919.26	+ 4252041.4	+ 3533908.6	+ 1511281.5	+1768.90	-1925.46	- 864.86	+ 35958.39

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PIPTIME: 3.6947076000 05 P63: BRAKQUAC TPIP: 3.6947076000 05

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P63: BRAKQUAC  
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R AND RG				V AND VG							
1.74398143749	06	-1.06762499999	03	-1.03590874999	05	1.85871124267	01	-1.35833263397	01	8.39042663574	02
7.78087499959	03	-7.19624999999	02	-1.05912874999	05	2.00054168701	01	1.07021331787	01	8.43697357177	02

LANO				TTF				CG			AFC	
1.73605599999	06	-3.36762499999	03	2.28862499999	03	-2.69819916992	02	0.99	-0.00	0.00	4.73306048661	00
TRANSIENT 0.134								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

UNFC				UNWC							
2.11807235484	-01	3.64774813151	-03	-9.77306455125	-01	9.98240343162	-01	-6.11096619908	-04	-5.92945515477	-02

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	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369471.97	11324.12	0	3491	3.8641	4.7330	3491	4276	0	4096	4096

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	TIME	MODE	VERBNOUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
DISPLAYS:	369472.41	63	6 63	36072	- 1022	- 4 29	573	27538	99 80	27682	99999

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	COUTIME	CDUX	CDUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369472.76	- 0.4724	78.6291	- 0.0549	- 0.0018	- 0.0913	0.0244	
	369472.76	- 1.3842	78.9367	- 0.0878	0.0000	- 0.1647	0.0549	OESIREO

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ROYAL BUSINESS FORMS INCORPORATED

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369472.759	+11295.08	+ 1297135.9	+ 1078523.9	+ 454089.9	+ 533.34	- 581.36	- 263.87	+ 10932.06	
ENV	369472.759	+11273.87	+ 1297094.7	+ 1075965.9	+ 460113.2	+ 533.29	- 582.50	- 261.69	+ 10897.01	
ERR	0.000	21.21	41.2	2558.0	6023.2	0.05	1.14	2.18	35.04	
AGC	IN POUNOS	+24901.14	+ 4255695.5	+ 3538464.5	+ 1489756.5	+1749.82	-1907.35	- 865.73	+ 35866.34	
ENV	ANO FOOTS	+24854.38	+ 4255560.0	+ 3530072.0	+ 1509558.0	+1749.65	-1911.09	- 858.57	+ 35751.35	

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PIPTIME: 3.6947276000 05

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P63: BRAQUAC  
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PTIP: 3.6947276000 05

P AND RG				V AND VG							
1.74401699999	06	-1.09474999999	03	-1.01920187499	05	1.69963359832	01	-1.35632951790	01	8.31642246246	02
7.81924999999	03	-7.03374999999	02	-1.04232874999	05	1.83959960937	01	1.05472564697	01	8.36301422119	02

LANO				TTF		CG		AFC		
1.73605599999	06	-3.36774999999	03	2.27949999999	03	-2.67591176757	02	0.99 -0.00 0.00	4.72225248813	00
TRANSIENT 0.132						0.00 0.99 0.02				
						-0.00 -0.02 0.99				

UNFC				UNWC							
2.14067566455	-0I	3.80176706765	-03	-9.76811457528	-01	9.98296554249	-01	-6.26653429954	-04	-5.83403554846	-02

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	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFSET	REG55
THROTTLE:	369473.96	11295.08	0	3491	3.8741	4.7222	3451	4256	0	4096	4096

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	TIME	MODE	VERBANDU	H	HDOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	OELTAF
DISPLAYS:	369474.41	63	6 63	35866	- 1034	- 4 27	564	27294	99 80	27439	99999

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	COUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369474.76	- 0.4833	78.4423	- 0.0878	- 0.0030	- 0.0981	- 0.0369	
	369474.76	- 1.3842	78.7170	- 0.0878	0.0000	- 0.1208	0.0549	DESIREO

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369474.759	+11265.44	+ 1298195.9	+ 1077363.9	+ 453563.9	+ 527.49	- 576.95	- 261.95	+ 10868.62	
ENV	369474.759	+11244.44	+ 1298155.4	+ 1074805.3	+ 459591.8	+ 527.44	- 578.09	- 259.76	+ 10833.21	
ERR	0.000	20.99	40.5	2558.6	6027.8	0.04	1.14	2.19	35.40	

	IN POUNDS	ANO FOOTS								
AGC	+24835.79	+ 4259173.2	+ 3534658.7	+ 1488070.8	+1730.61	-1892.88	- 859.44	+ 35658.21		
ENV	+24789.50	+ 4259040.0	+ 3526264.3	+ 1507847.2	+1730.46	-1896.63	- 852.24	+ 35542.05		

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PIPTIME: 3.6947476000 05 P63: BRAKQUAD TPIP: 3.6947476000 05

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P63: BRAKQUAD  
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R AND RG				V AND VG							
1.74404943745	06	-1.12187499999	03	-1.00264312499	05	1.54350757598	01	-1.35432243347	01	8.24228906631	02
7.85449999999	03	-6.87249999999	02	-1.02567624955	05	1.68159484863	01	1.03900909423	01	8.28892135620	02

LANO				TTF				CG			AFC	
1.73605599999	06	-3.36787499999	03	2.27037499999	03	-2.65366684570	02	0.99	-0.00	0.00	4.71215229481	00
								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

UNFC				UNWC							
2.16242213870	-01	3.95616186319	-03	-9.76331733440	-01	9.98351364655	-01	-6.42202794115	-04	-5.73946013660	-02

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THRITTLE:	TIME	MASS	FWEIGHT	FCCLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369475.92	11265.44	0	3491	3.8841	4.7121	3491	4235	0	4096	4096

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OISPLAYS:	TIME	MODE	VERBNOUN	H	HDOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
	369476.4C	63	6 63	35658	- 1045	- 4 25	555	27050	99 80	27196	99999

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ATTITUDE:	CDUTIME	CDUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIREO
	369476.76	- 0.4833	78.2885	- 0.1098	- 0.0029	- 0.0604	- 0.0272		
	369476.76	- 1.3842	78.5412	- 0.0878	0.0000	- 0.0769	0.0659		

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ROYAL BUSINESS FORMS INCORPORATED

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369476.759	+11235.86	+ 1299245.9	+ 1076215.9	+ 453041.9	+ 521.65	- 572.50	- 260.02	+ 10804.56	
ENV	369476.759	+11215.01	+ 1299204.4	+ 1073653.6	+ 459074.2	+ 521.60	- 573.65	- 257.82	+ 10768.75	
ERR	0.000	20.85	41.5	2562.3	6032.2	0.05	1.15	2.20	35.81	
AGC	IN POUNDS	+24770.59	+ 4262618.1	+ 3530892.2	+ 1486358.2	+1711.46	-1878.28	- 853.10	+ 35448.03	
ENV	AND FOOTS	+24724.61	+ 4262481.8	+ 3522485.6	+ 1506149.1	+1711.29	-1882.07	- 845.87	+ 35330.54	

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PIPTIME: 3.6947676000 05  
 P63: BRAKQUAO  
 TPIP: 3.6947676000 05

R AND PG				V AND VG							
1.74407881249	06	-1.14893749999	03	-9.86233124999	04	1.39134883880	01	-1.35231018066	01	8.16792535781	02
7.88637499999	03	-6.71124999999	02	-1.00917499999	05	1.52759552001	01	1.02294521875	01	8.21460342407	02

LAND				TTF				CG			AFC	
1.73605612499	06	-3.36799999999	03	2.26124999999	03	-2.63148745117	02	0.99	-0.00	0.00	4.70024300739	00
TRANSIENT 0.120								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

UNFC				UNWC							
2.18286895903	-01	4.12362968635	-03	-9.75875927951	-01	9.98404797818	-01	-6.57722351910	-04	-5.64573032906	-02

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	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIPPSET	REG55
THROTTLE:	369477.95	11235.86	0	3495	3.8991	4.7002	3495	4214	0	4096	4096

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	TIME	MODE	VERBNOUN	H	HDOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
OISPLAYS:	369478.40	63	6 63	35448	- 1056	- 4 23	547	26805	99 80	26952	99999

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	CDUTIME	CDUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	OESIREO
ATTITUDE:	369478.76	- 0.4943	78.2336	- 0.0878	- 0.0025	- 0.0025	- 0.0087		
	369478.76	- 1.3842	78.4973	- 0.0878	0.0000	- 0.1208	0.0659		

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	TIME	MASS		RN		VN		ALTITUDE
AGC	369478.759	+11206.37		+ 1300283.9	+ 1075073.9	+ 452523.9		+ 515.81 - 568.03 - 258.08   + 10739.81
ENV	369478.759	+11185.57		+ 1300241.8	+ 1072510.7	+ 458560.5		+ 515.76 - 569.18 - 255.87   + 10703.61
ERR	0.000	20.79		42.1	2563.2	6036.5		0.05 1.15 2.21   36.19

AGC	IN POUNDS	+24705.58		+ 4266023.6	+ 3527145.6	+ 1484658.7		+1692.30 -1863.64 - 846.73   + 35235.60
ENV	AND FOOTS	+24659.72		+ 4265885.2	+ 3518736.1	+ 1504463.7		+1692.13 -1867.42 - 839.47   + 35116.85

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PIPTIME:	3.6947876000	05		TPIP:	3.6947876000	05
			P63: 8RAKQUAC			

R AND RG				V AND VC							
1.74410512499	06	-1.17593749999	03	-9.69971874999	04	1.24013900756	01	-1.35029315948	01	8.09343147277	02
7.91537499999	03	-6.54749999999	02	-9.92819999999	04	1.37458801269	01	1.00646972656	01	8.14015197753	02

LAND				TTF				CG			AFC	
1.73605612499	06	-3.36812499999	03	2.25212499999	03	-2.60935205078	02	0.99	-0.00	0.00	4.68800310045	00
								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

TRANSIENT 0.124

UNFC				UNWC							
2.20404602989	-01	4.28530314386	-03	-9.75399121979	-01	9.98456876103	-01	-6.73197206904	-04	-5.55284914937	-02

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369479.92	11206.37	0	3491	3.9041	4.6880	3491	4192	0	4096	4096

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DISPLAYS:	TIME	MODE	VERBNOUN	H	HDOT	TTF	RANGE	A8VEL	TTF LPD	VHORIZ	DELTAH
	369480.40	63	6 63	35236	- 1067	- 4 20	538	26560	99 80	26708	99999

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ATTITUDE:	CDUTIME	CDUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRED
	369480.76	- 0.4943	78.1457	- 0.1318	- 0.0019	- 0.0780	0.0192		
	369480.76	- 1.3842	78.3215	- 0.0878	0.0000	- 0.0769	0.0769		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369480.759	+11176.96	+ 1301309.9	+ 1073943.9	+ 452009.9	+ 509.97	- 563.54	- 256.13	+ 10674.37
ENV	369480.759	+11156.14	+ 1301267.5	+ 1071376.8	+ 458050.7	+ 509.92	- 564.70	- 253.91	+ 10637.80
ERR	0.000	20.81	42.4	2567.1	6040.7	0.05	1.15	2.21	36.56
AGC	IN PCUNOS	+24640.73	+ 4269389.7	+ 3523438.3	+ 1482972.4	+1673.15	-1848.90	- 840.33	+ 35020.91
ENV	ANO FDOTS	+24594.83	+ 4269250.3	+ 3515016.0	+ 1502791.2	+1672.96	-1852.70	- 833.05	+ 34900.94

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PIPTIME: 3.69480760000 05

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P62: BRAKQUAC  
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TPIP: 3.69480760000 05

R AND RG				V AND VC							
1.74412843749	06	-1.20293749999	03	-9.53859999999	04	1.09088897705	01	-1.34827136993	01	8.01870870590	02
7.94137499999	03	-6.38749999999	02	-9.76616249999	04	1.22338785400	01	9.89837646484	00	8.06547164916	02

LANO				TTF		CG		AFC		
1.73605612499	06	-3.36824999999	03	2.24299999999	03	-2.58728081054	02	0.99 -0.00 0.00	4.67624282464	00
								0.00 0.99 0.02		
								-0.00 -0.02 0.99		

TRANSIENT 0.123

UNFC				UNWC							
2.22505578812	-01	4.47422243089	-03	-9.74921150007	-01	9.98507623361	-01	-6.88686964831	-04	-5.46081660540	-02

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THRITTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369481.95	11176.96	0	3490	3.9141	4.6762	3490	4170	0	4096	4096

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OISPLAYS:	TIME	MODE	VERBNOUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
	369482.41	63	6 63	35021	- 1078	- 4 18	529	26314	99 80	26463	99999

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ATTITUDE:	COUTIME	CDUX	COUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
	369482.76	- 0.5053	78.0358	- 0.0988	- 0.0023	- 0.0011	0.0049	
	369482.76	- 1.3842	78.2775	- 0.0878	0.0000	- 0.1318	0.0769	DESIREO

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369482.759	+11147.62	+ 1302323.9	+ 1072819.9	+ 451459.9	+ 504.13	- 559.03	- 254.17	+ 10608.24
ENV	369482.759	+11126.70	+ 1302281.5	+ 1070251.9	+ 457544.9	+ 504.07	- 560.19	- 251.94	+ 10571.31
ERR	0.000	20.91	42.4	2568.0	6044.9	0.05	1.15	2.22	36.93

AGC	IN PCUNOS	+24576.04	+ 4272716.5	+ 3519750.6	+ 1481299.2	+1653.98	-1834.09	- 833.89	+ 34803.96
ENV	ANO FOOT5	+24529.93	+ 4272577.1	+ 3511325.4	+ 1501131.5	+1653.80	-1837.89	- 826.59	+ 34682.79

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PIPTIME: 3.6948276000 05

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P63: 8RAKQUAO  
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PTIP: 3.6948276000 05

R AND RG				V ANO VG							
1.74414874999	06	-1.22987499999	03	-9.37897499999	04	9.42602157592	00	-1.34624481201	01	7.94375658035	02
7.96449559999	03	-6.22374999999	02	-9.60561249999	04	1.07337951660	01	9.72633361816	00	7.99056243896	02

LANO				TTF				CG			AFG	
1.73605612499	06	-3.36837499999	03	2.23387499999	03	-2.56527470703	02	0.99	-0.00	0.00	4.66257100924	00
								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

TRANSIENT 0.128

UNFC				UNWC							
2.24677779203	-01	4.64886828236	-03	-9.74422025385	-01	9.98557062120	-01	-7.04132016040	-04	-5.36963489250	-02

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THROTTLE:	TIME	MASS	WEIGHT	FCOLO	AF	AFG	FP	FC	PIF	PIFPSET	REG55
	369483.92	11147.62	0	3495	3.9291	4.6625	3495	4147	0	4096	4096

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OISPLAYS:	TIME	MODE	VERBNOUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	OELTAH
	369484.40	63	6 63	34804	- 1089	- 4 16	520	26067	99 80	26217	99999

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ATTITUDE:	COUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIREO
	369484.76	- 0.5053	77.9260	- 0.1577	- 0.0031	- 0.1112	- 0.0432		
	369484.76	- 1.3842	78.1018	- 0.0878	0.0000	- 0.0878	0.0769		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369484.759	+11118.36	+ 1303325.9	+ 1071707.9	+ 450991.9	+ 498.29	- 554.48	- 252.20	+ 10541.43
ENV	369484.759	+11097.26	+ 1303283.8	+ 1069136.1	+ 457042.9	+ 498.23	- 555.65	- 249.96	+ 10504.13
ERR	0.000	21.09	42.1	2571.8	6050.9	0.05	1.16	2.23	37.30

AGC	IN POUNOS	+24511.54	+ 4276003.9	+ 3516102.3	+ 1479632.5	+1634.81	-1819.18	- 827.45	+ 34584.76
ENV	ANO FOOTS	+24465.03	+ 4275865.5	+ 3507664.4	+ 1499484.8	+1634.63	-1823.01	- 820.10	+ 34462.37

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PIPTIME: 3.69484760000 05

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 P63: BRAKQUAO  
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TPIP: 3.69484760000 05

R AND RG				V AND VG							
1.74416612499	06	-1.25681249999	03	-9.22084999959	04	7.96279907226	00	-1.34521484375	01	7.86857604980	02
7.98437499999	03	-6.06249999999	02	-9.44656249999	04	9.25254821777	00	9.54170227050	00	7.91542816162	02

LAND				TTF				CG			AFC		
1.73605612499	06	-3.36849999999	03	2.22474999959	03	-2.54333486328	02	0.99	-0.00	0.00	4.64963493868	00	
TRANSIENT 0.126								0.00	0.99	0.02			
								-0.00	-0.02	0.99			

UNFC				UNWC							
2.26814344672	-01	4.90928793030	-03	-9.73925639842	-01	9.98605213862	-01	-7.19577068540	-04	-5.27930777202	-02

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	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369485.92	11118.36	0	3494	3.9391	4.6496	3494	4125	0	4096	4096

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	TIME	MODE	VERBNOUN	H	HDGT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	OELTAH
OISPLAYS:	369486.41	63	6 63	34565	- 1101	- 4 14	512	25820	99 80	25971	99999

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	CDUTIME	CDUX	CDUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369486.76	- 0.5163	77.8051	- 0.2087	- 0.0020	- 0.0079	0.0177	
	369486.76	- 1.3842	78.0578	- 0.0878	0.0000	- 0.1538	0.0878	DESIRE0

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369486.759	+11089.17	+ 1304315.9	+ 1070601.9	+ 450489.9	+ 492.45	- 549.90	- 250.22	+ 10473.93
ENV	369486.759	+11067.82	+ 1304274.4	+ 1068029.3	+ 456545.0	+ 492.40	- 551.08	- 247.98	+ 10436.26
ERR	0.000	21.35	41.5	2572.6	6055.0	0.05	1.17	2.24	37.67

	IN PCUNDS	ANO FOOTS							
AGC	+24447.20	+ 4279251.9	+ 3512473.7	+ 1477985.5	+1615.66	-1804.16	- 820.96	+ 34363.31	
ENV	+24400.12	+ 4279115.7	+ 3504033.4	+ 1497851.1	+1615.49	-1808.01	- 813.61	+ 34239.70	

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PIPTIME: 3.69486760000 05

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P63: 8RAKQUAO  
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TPIP: 3.69486760000 05

R ANO RG				V ANO VG							
1.74418062499	06	-1.28368749999	03	-9.06423124959	04	6.52914047241	00	-1.34418010711	01	7.79316616058	02
8.00149599999	03	-5.88499999999	02	-9.28901249999	04	7.80067443847	00	9.34066772460	00	7.84006500244	02

LANO				TTF				CG				AFC	
1.73605612499	06	-3.36862499999	03	2.21562499999	03	-2.52145561523	02	0.99	-0.00	0.00	4.6349C840047	00	
								0.00	0.99	0.02			
								-0.00	-0.02	0.99			

TRANSIENT 0.123

UNFC				UNWC							
2.28899760380	-01	5.14418868997	-03	-9.73436406253	-01	9.98652100824	-01	-7.34992320014	-04	-5.18983747799	-02

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	TIME	MASS	FWEIGHT	FCCL0	AF	AFC	FP	FC	PIF	PIFSET	REG55
THROTTLE:	369487.92	11089.17	0	3498	3.9541	4.6349	3498	4101	0	4096	4096

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	TIMF	MOOE	VERBNOUN	H	HOOT	TTF	RANGE	A8VEL	TTF LPO	VHORIZ	DELTAH
OISPLAYS:	369488.40	63	6 63	34363	- 1112	- 4 12	503	25572	59 80	25723	99999

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	COUIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369488.76	- 0.5163	77.7282	- 0.1318	- 0.0016	- 0.1111	0.0331	
	369488.76	- 1.3842	77.8820	- 0.0878	0.0000	- 0.0988	0.0988	OESTREO

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369488.759	+11060.06	+ 1305295.9	+ 1069507.9	+ 449991.9	+ 486.62	- 545.31	- 248.24	+ 10405.74
ENV	369488.759	+11038.38	+ 1305253.4	+ 1066931.8	+ 456051.0	+ 486.56	- 546.49	- 245.99	+ 10367.70
ERR	0.000	21.68	42.5	2576.1	6059.0	0.05	1.17	2.25	38.04

AGC	IN POUNDS	+24383.02	+ 4282467.1	+ 3508884.5	+ 1476351.7	+1596.52	-1789.09	- 814.45	+ 34139.59
ENV	AND FOOTS	+24335.21	+ 4282327.5	+ 3500432.4	+ 1496230.4	+1596.34	-1792.96	- 807.06	+ 34014.78

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PIPTIME:	3.69488760000	05		P63: BRAKQUAD		PTIP:	3.69488760000	05
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		R AND RG				V AND VG					
1.74419224999	06	-1.31056249999	03	-8.90912499999	04	5.10511398215	00	-1.34314060211	01	7.71762800216	02
8.01562499999	03	-5.70874999999	02	-9.13298749999	04	6.35871887207	00	9.13734436035	00	7.76457595825	02

		LAND				TTF				CG				AFC				
1.73605612499	06	-3.36874999999	03	2.20649999999	03	-2.49963798828	02	0.99	-0.00	0.00	4.62087802588	00	0.00	0.99	0.02	-0.00	-0.02	0.99

TRANSIENT 0.127

		UNFC				UNWC					
2.31046779896	-01	5.40343167777	-03	-9.72927637815	-01	9.98697743912	-01	-7.50407571783	-04	-5.10122847289	-02

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THRITTLE:	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369489.92	11060.06	0	3494	3.9591	4.6208	3494	4078	0	4096	4096

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OISPLAYS:	TIME	MODE	VERBNOUN	H	HDOT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
	369490.41	63	6 63	34140	- 1123	- 4 10	495	25324	99 80	25476	99999

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ATTITUDE:	CDUTIME	CDUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
	369490.76	- 0.5273	77.5415	- 0.0878	- 0.0027	- 0.0481	- 0.0203	DESIRED
	369490.76	- 1.3842	77.8381	- 0.0439	0.0000	- 0.1647	0.1098	

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369490.759	+11030.35	+ 1306261.9	+ 1068421.9	+ 449497.9	+ 480.78	- 540.69	- 246.23	+ 10336.93
ENV	369490.759	+11008.93	+ 1306220.7	+ 1065843.4	+ 455561.0	+ 480.73	- 541.87	- 243.97	+ 10298.46
ERR	0.000	21.41	41.2	2578.5	6063.0	0.05	1.17	2.26	39.47

	IN POUNDS	AND FOOT							
AGC	+24317.51		+ 4285636.4	+ 3505321.5	+ 1474730.9	+1577.38	-1773.94	- 807.87	+ 33913.83
ENV	+24270.30		+ 4285501.1	+ 3496861.6	+ 1494622.9	+1577.21	-1777.81	- 800.44	+ 33787.59

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PIPTIME: 3.69490760000 05

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P63: BRAKQUAD  
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TIPI: 3.69490760000 05

R AND RG				V AND VG			
1.744201	C6249	C6	-1.33737499999 03	-8.75553124999 04	3.70068550109 00	-1.34109497070 01	7.64186239242 02
8.026874	99999	03	-5.53124999999 02	-8.97846249999 04	4.93659973144 00	8.93859863281 00	7.68885421752 02

LAND				TTF				CG				AFC			
1.736056	12499	06	-3.36887499999 03	2.19737499999 03	-2.47788637695 02	0.99	-0.00	0.00	4.605872	20909	00	0.00	0.99	0.02	
TRANSIENT 0.127								-0.00	-0.02	0.99					

UNFC				UNWC			
2.332020	66543	-01	5.60383281668 -03	-9.72412151928 -01	9.98742166222 -01	-7.65793027825 -04	-5.01348079777 -02

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	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369491.92	11030.35	0	3493	3.9691	4.6058	3493	4053	0	4096	4096

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	TIME	MOOE	VERBNQUN	H	HOOT	TTF	RANGE	A8VEL	TTF LPD	VHORIZ	DELTAH
DISPLAYS:	369492.41	63	6 63	33914	- 1134	- 4 7	487	25075	99 80	25227	99999

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	CDUTIME	CDUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRED
ATTITUDE:	369492.76	- 0.5273	77.4316	0.0000	- 0.0002	- 0.0882	0.1040		
	369492.76	- 1.3842	77.6184	0.1318	0.0000	- 0.1208	0.0219		

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	TIME	MASS	RN				VN			ALTITUDE
ACC	369492.759	+11000.72	+ 1307217.9	+ 1067343.9	+ 449005.9	+ 474.96	- 536.05	- 244.21	+ 10267.31	
ENV	369492.759	+10979.49	+ 1307176.3	+ 1064764.2	+ 455075.1	+ 474.91	- 537.23	- 241.94	+ 10228.54	
ERR	0.000	21.23	41.6	2579.7	6069.1	0.05	1.17	2.26	38.77	

	IN PCUNOS	ANO FOOTS							
AGC	+24252.20	+ 4288772.9	+ 3501784.7	+ 1473116.7	+1558.29	-1758.72	- 801.22	+ 33685.40	
ENV	+24205.38	+ 4288636.4	+ 3493321.1	+ 1493028.6	+1558.10	-1762.59	- 793.77	+ 33558.20	

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PIPTIME: 3.69492760000 05  
 P63: BRAKQUAD  
 TPIP: 3.69492760000 05

R AND RG				V ANO VG							
1.74420706249	06	-1.36418749999	03	-8.60344999999	04	2.32577323913	00	-1.33805274963	01	7.56596851348	02
8.03524999999	03	-5.36749999999	02	-8.82544999999	04	3.54423522949	00	8.75740051265	00	7.61299896240	02

LANO				TTF				CG			AFC	
1.73605612499	06	-3.36899999999	03	2.18824999999	03	-2.45619506835	02	0.99	-0.00	0.00	4.59058443084	00
								0.00	0.59	0.02		
								-0.00	-0.02	0.99		

UNFC				UNWC							
2.35274492096	-01	5.77634093146	-03	-9.71911800141	-01	9.98785391041	-01	-7.81171017699	-04	-4.92659356293	-02

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	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369493.92	11000.72	0	3492	3.9791	4.5905	3492	4029	0	4096	4096

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	TIME	MODE	VERBNOUN	H	FOOT	TTF	RANGE	AEVEL	TTF LPO	VHORIZ	OELTAR
DISPLAYS:	369494.40	63	6 63	33685	- 1145	- 4 5	479	24826	99 80	24978	99999

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	CDUTIME	CDUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRE0
ATTITUDE:	369494.76	- 0.5273	77.2448	0.0769	- 0.0030	- 0.0747	- 0.0346		
	369494.76	- 1.3842	77.4426	0.1318	0.0000	- 0.0769	0.0329		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369494.759	+10971.17	+ 1308161.9	+ 1066277.9	+ 448519.9	+ 469.15	- 531.38	- 242.16	+ 10197.12
ENV	369494.759	+10950.04	+ 1308120.3	+ 1063694.4	+ 454593.3	+ 469.09	- 532.57	- 239.88	+ 10157.95
ERR	0.000	21.13	41.6	2583.5	6073.3	0.05	1.19	2.27	39.17
AGC	IN POUNDS	+24187.05	+ 4291870.0	+ 3498287.4	+ 1471522.3	+1539.21	-1743.38	- 794.49	+ 33455.13
ENV	ANO FOOTS	+24140.46	+ 4291733.5	+ 3489811.2	+ 1491447.8	+1539.02	-1747.30	- 787.01	+ 33326.61

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PIPTIME: 3.6949476000 05 P63: BRAKQUAO TPIP: 3.6949476000 05

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P63: BRAKQUAO  
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R ANO RG				V ANO VG							
1.74421037499	06	-1.39093749999	03	-8.45289374999	04	9.80520248413	-01	-1.33400440216	01	7.48974657058	02
8.04112459999	03	-5.21624999999	02	-8.67396249999	04	2.18086242675	00	8.59375000000	00	7.53681182861	02

LANO				TTF				CG			AFC	
1.73605612499	06	-3.36912499999	03	2.17912499999	03	-2.43458574218	02	0.99	-0.00	0.00	4.57429792732	00
TRANSIENT 0.117								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

UNFC				UNWC							
2.37266021528	-01	5.88887128013	-03	-9.71426866121	-01	9.98827436556	-01	-7.96534122217	-04	-4.84057591082	-02

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369496.12	10971.17	0	3501	3.9990	4.5742	3501	4004	0	4096	4096

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OISPLAYS:	TIME	MODE	VERBDOWN	H	HOOT	TTF	RANGE	ARVEL	TTF LPD	VHORIZ	DELTAH
	369496.48	63	6 63	33455	- 1156	- 4 3	470	24576	99 80	24728	- 92

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ATTITUDE:	COUTIME	COUX	COUY	COUZ	CMEGAX	DMEGAY	OMEGAZ	ACTUAL	DESIREO
	369496.76	- 0.5273	77.1899	0.0878	- 0.0020	0.0205	0.0183		
	369496.76	- 1.3842	77.4096	0.1318	0.0000	- 0.1318	0.0329		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369496.759	+10941.70	+ 1309095.9	+ 1065219.9	+ 448037.9	+ 463.33	- 526.69	- 240.09	+ 10126.24
ENV	369496.759	+10920.59	+ 1309052.7	+ 1062633.9	+ 454115.6	+ 463.28	- 527.88	- 237.80	+ 10086.71
ERR	0.000	21.11	43.2	2586.0	6077.6	0.05	1.18	2.28	39.53
AGC	IN PCUNDS	+24122.09	+ 4294934.3	+ 3494816.2	+ 1469540.9	+1520.12	-1728.01	- 787.70	+ 33222.60
ENV	AND FOOTS	+24075.53	+ 4294792.6	+ 3486331.9	+ 1489880.6	+1519.95	-1731.91	- 780.20	+ 33092.88

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PIPTIME: 3.6949676000 05

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 P63: BRAKQUAO  
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TPIP: 3.6949676000 05

R AND RG				V ANO VG							
1.7442109999	06	-1.4175624999	03	-8.3038624999	04	-3.55195999145	-01	-1.32894992828	01	7.41339826583	02
8.0441249999	03	-5.0774999999	02	-8.5239999999	04	8.27789306640	-01	8.44688415527	00	7.46049880981	02

LANO				TTF				CG			AFC	
1.73605612499	06	-3.3692499999	03	2.1699999999	03	-2.41304238281	02	0.99	-0.00	0.00	4.55730827525	00
TRANSIENT 0.123								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

UNFC				UNWC							
2.39353773274	-01	5.97620845632	-03	-9.70914031287	-01	9.98868326573	-01	-8.11807813463	-04	-4.75542546609	-02

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	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369498.16	10941.70	0	3495	4.0040	4.5573	3495	3978	- 1	4096	4095

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	TIME	MODE	VERBNOUN	H	FOOT	TTF	RANGE	ARVEL	TTF LPD	VHORIZ	DELTAH
OISPLAYS:	369498.48	63	6 63	33223	- 1167	- 4 1	462	24326	99 80	24478	- 98

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	CDUTIME	COUX	COUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369498.76	- 0.5383	77.0581	0.1208	- 0.0018	- 0.1447	0.0197	DESIRE0
	369498.76	- 1.3842	77.2229	0.1318	0.0000	- 0.0878	0.0219	

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369498.759	+10912.31	+ 1310015.9	+ 1064169.9	+ 447559.9	+ 457.53	- 521.98	- 238.02	+ 10054.74
ENV	369498.759	+10891.14	+ 1309973.5	+ 1061582.9	+ 453642.0	+ 457.47	- 523.18	- 235.72	+ 10014.81
ERR	0.000	21.17	42.4	2587.0	6082.0	0.06	1.19	2.30	39.93
AGC	IN PCUNDS	+24057.29	+ 4297952.7	+ 3491371.3	+ 1468372.7	+1501.09	-1712.53	- 780.91	+ 32988.02
ENV	ANO FOOT5	+24010.60	+ 4297813.3	+ 3482883.6	+ 1488327.0	+1500.88	-1716.47	- 773.36	+ 32857.01

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PIPTIME: 3.6949876000 05

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P63: 8RAKQUAD

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TPIP: 3.6949876000 05

R AND RG				V AND VG							
1.7442089999	06	-1.4441249999	03	-8.15635624999	04	-1.66125297546	00	-1.32489204406	01	7.33692264555	02
8.04437499999	03	-4.94999999999	02	-8.37556249999	04	-4.95529174804	-01	8.29849243164	00	7.38405609130	02

LAND				TTF				CG			AFC	
1.73605624999	06	-3.36937499999	03	2.16087499999	03	-2.39155561523	02	0.99	-0.00	0.00	4.53985063355	00
TRANSIENT 0.118								0.00	0.59	0.02		
								-0.00	-0.02	0.99		

UNFC				UNWC							
2.41358798883	-01	6.12098454123	-03	-9.70416644410	-01	9.98908082669	-01	-8.27051695070	-04	-4.67114371730	-02

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369500.17	10912.31	0	3490	4.0090	4.5398	3450	3953	- 1	4096	4095

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DISPLAYS:	TIME	MODE	VERBNOUN	H	HDOT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
	369500.49	63	6 63	32988	- 1177	- 3 59	454	24075	99 80	24227	- 100

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ATTITUDE:	CDUTIME	COUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRED
	369500.76	- 0.5383	76.9042	0.0878	- 0.0022	- 0.0168	0.0055		
	369500.76	- 1.3842	77.1899	0.1318	0.0000	- 0.1428	0.0329		

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369500.759	+10883.00	+ 1310925.9	+ 1063131.9	+ 447085.9	+ 451.72	- 517.23	- 235.92	+ 9982.62	
ENV	369500.759	+10861.68	+ 1310982.6	+ 1060541.3	+ 453172.7	+ 451.66	- 518.43	- 233.61	+ 9942.26	
ERR	0.000	21.31	43.3	2590.6	6086.7	0.05	1.20	2.31	40.35	
AGC	IN POUNDS	+23992.67	+ 4300938.3	+ 3487565.8	+ 1466817.5	+1482.04	-1696.96	- 774.04	+ 32751.35	
ENV	ANO FOOTS	+23945.67	+ 4300796.1	+ 3479466.2	+ 1486787.2	+1481.84	-1700.91	- 766.46	+ 32618.99	

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PIPTIME: 3.6950076000 05  
 P63: 8RAKUAD  
 TPIP: 3.6950076000 05

R AND RG				V AND VG							
1.74420437499	06	-1.47056249999	03	-8.01038749999	04	-2.94775962829	00	-1.31982803344	01	7.26011543817	02
8.04212499999	03	-4.80874999999	02	-8.22866249999	04	-1.79977416992	00	8.14359719238	00	7.30728530883	02

LANO				TTF				CG			AFC	
1.73605624999	06	-3.36949999999	03	2.15174999999	03	-2.37016181640	02	0.99	-0.00	0.00	4.52145468443	00
								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

UNFC				UNWC							
2.43361471630	-01	6.21180950816	-03	-9.69915773430	-01	9.98946723874	-01	-3.42235980353	-04	-4.58773745962	-02

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	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369502.16	10883.00	0	3498	4.0290	4.5214	3498	3926	- 1	4056	4095

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	TIME	MOQE	VERBNQUN	H	HOOT	TTF	RANGE	ARVEL	TTF LPD	VHORIZ	OELTAH
DISPLAYS:	369502.48	63	6 63	32751	- 1188	- 3 57	446	23823	99 80	23975	- 102

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	CDUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRED
ATTITUDE:	369502.76	- 0.5493	76.8383	0.1208	- 0.0026	- 0.0878	- 0.0189		
	369502.76	- 1.3842	77.0031	0.1318	0.0000	- 0.0878	0.0219		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369502.759	+10853.77	+ 1311823.9	+ 1062101.9	+ 446615.9	+ 445.91	- 512.47	- 233.82	+ 9909.74
ENV	369502.759	+10832.23	+ 1311780.1	+ 1059509.2	+ 452707.6	+ 445.86	- 513.67	- 231.50	+ 9869.08
ERR	0.000	21.54	43.8	2592.7	6091.6	0.05	1.20	2.31	40.66

	IN PCUNDS	ANO FOOTS	MASS	RN	MASS	RN	MASS	RN	MASS	RN
AGC			+23928.23	+ 4303884.5	+ 3484586.6	+ 1465275.5	+1462.98	-1681.35	- 767.12	+ 32512.30
ENV			+23880.73	+ 4303740.7	+ 3476080.0	+ 1485261.2	+1462.80	-1685.28	- 759.52	+ 32378.87

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PIPTIME: 3.6950276000 05

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P63: BRAKQUAO  
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TPIP: 3.6950276000 05

R AND RG				V AND VG							
1.74419718749	06	-1.46687499999	03	-7.86595624999	04	-4.22463417053	00	-1.31376743316	01	7.18319082260	02
8.03712499999	03	-4.68124999999	02	-8.08328749999	04	-3.09371948242	00	8.00819396572	00	7.23038482666	02

LANO				TTF				CG			AFC	
1.73605624999	06	-3.36962499999	03	2.14262499999	03	-2.34883765531	02	0.99	-0.00	0.00	4.50341263785	00
								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

UNFC				UNWC							
2.45456381014	-01	6.25450658958	-03	-9.69387459257	-01	9.98984272670	-01	-8.57330841990	-04	-4.50520581163	-02

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	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THRCTL:	369504.16	10853.77	0	3493	4.0340	4.5034	3493	3900	0	4096	4096

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	TIME	MODE	VERBNOUN	H	HOOT	TTF	RANGE	ARVEL	TTF LPO	VHORIZ	DELTAH
DISPLAYS:	369504.49	63	6 63	32512	- 1199	- 3 54	439	23571	95 80	23723	- 106

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	CDUTIME	COUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369504.76	- 0.5493	76.7614	0.1098	- 0.0018	- 0.0118	0.0246	
	369504.76	- 1.3842	76.9702	0.1318	0.0000	- 0.1538	0.0219	DESIRED

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369504.759	+10824.62	+ 1312709.9	+ 1061081.9	+ 446149.9	+ 440.11	- 507.67	- 231.70	+ 9836.31
ENV	369504.759	+10802.77	+ 1312666.1	+ 1058486.6	+ 452246.7	+ 440.05	- 508.88	- 229.37	+ 9795.24
ERR	0.000	21.84	43.8	2595.3	6096.7	0.05	1.21	2.32	41.06
AGC	IN POUNDS	+23863.95	+ 4306791.3	+ 3481240.1	+ 1463746.7	+1443.94	-1665.59	- 760.18	+ 32271.36
ENV	AND FOOTS	+23815.79	+ 4306647.3	+ 3472725.2	+ 1483749.1	+1443.76	-1669.56	- 752.55	+ 32136.64

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PIPTIME: 3.69504760000 05

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 P63: 8RAKQUAO  
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TPIP: 3.69504760000 05

R AND RG				V AND VG							
1.74418749999	06	-1.52312499999	03	-7.72306249999	04	-5.47184944152	00	-1.30869388580	01	7.10593557357	02
8.02962499999	03	-4.56749999999	02	-7.93946249999	04	-4.35829162597	00	7.87048339843	00	7.15316009521	02

LANO				TTF				CG		AFC		
1.73605624999	06	-3.36974999999	03	2.13349999999	03	-2.32760249023	02	0.99	-0.00	0.00	4.48333797976	00
								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

UNFC				UNNC							
2.47468426226	-01	6.38948113227	-03	-9.68874890041	-01	9.99020750371	-01	-8.72403378959	-04	-4.42354974952	-02

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	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369506.26	10824.62	0	3501	4.0540	4.4833	3501	3872	- 1	4096	4095

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	TIME	MODE	VERBNDUN	H	HDOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	OELTAR
DISPLAYS:	369506.59	63	6 63	32271	- 1209	- 3 52	431	23318	99 80	23469	- 104

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	COUTIME	CDUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369506.76	- 0.5493	76.6296	0.0878	- 0.0024	- 0.1062	- 0.0076	
	369506.76	- 1.3842	76.7724	0.1318	0.0000	- 0.0988	0.0219	OESIRE0

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	TIME	MASS		RN		VN		ALTITUDE
AGC	369506.759	+10794.88	+ 1313579.9	+ 1060067.9	+ 445687.9	+ 434.30	- 502.85	+ 9758.06
ENV	369506.759	+10773.31	+ 1313540.4	+ 1057473.6	+ 451790.1	+ 434.25	- 504.07	+ 9720.76
ERR	0.000	21.56	39.5	2594.3	6102.1	0.05	1.21	37.29
AGC	IN POUNDS	+23798.39	+ 4309645.6	+ 3477913.3	+ 1462230.9	+1424.89	-1649.78	+ 32014.64
ENV	AND FDDTS	+23750.85	+ 4309515.8	+ 3469401.8	+ 1482251.0	+1424.72	-1653.77	+ 31892.28

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PIPTIME: 3.6950676000 05

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P62: 8RAKQUAO  
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TPIP: 3.6950676000 05

	R AND RG		V AND VG	
1.74417118749	06	-1.54924999999 03	-7.58169999999 04	-6.70943260192 00
8.01549999999	03	-4.43874999999 02	-7.79717499999 04	-5.61332702636 00

	LANO		TTF		CG		AFC
1.73605624999	06	-3.36987499999 03	2.12437499999 03	-2.30644687499 02	0.99	-0.00	0.00
					0.00	0.99	0.02
					-0.00	-0.02	0.99

	UNFC		UNWC	
2.49784248822	-01	6.50797323186 -03	-9.68279647273 -01	9.99056175785 -01
				-8.87408846344 -04
				-4.34277576138 -02

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THRDTTLE:	TIME	MASS	FWEIGHT	FCCLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369508.17	10794.88	0	3496	4.0590	4.4637	3496	3845	0	4096	4096

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DISPLAYS:	TIME	MODE	VERBNOUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
	369508.48	63	6 63	32C15	- 1220	- 3 50	423	23064	99 80	23215	- 107

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ATTITUDE:	CDUTIME	CDUX	CDUY	CDUZ	DMEGAX	DMEGAY	DMEGAZ	ACTUAL	DESIRED
	369508.76	- 0.5603	76.4758	0.0988	- 0.0023	- 0.0241	- 0.0003		
	369508.76	- 1.3842	76.7395	0.1318	0.0000	- 0.1757	0.0219		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369508.759	+10765.22	+ 1314439.9	+ 1059065.9	+ 445229.9	+ 428.52	- 498.00	- 227.43	+ 9679.68
ENV	369508.759	+10743.85	+ 1314403.1	+ 1056470.3	+ 451337.7	+ 428.46	- 499.22	- 225.09	+ 9645.64
ERR	0.000	21.37	36.8	2595.6	6107.7	0.05	1.22	2.33	34.03
AGC	IN POUNOS	+23733.02	+ 4312467.1	+ 3474625.9	+ 1460728.3	+1405.90	-1633.85	- 746.19	+ 31757.50
ENV	ANO FOOT5	+23685.90	+ 4312346.2	+ 3466110.1	+ 1480766.9	+1405.71	-1637.87	- 738.51	+ 31645.83

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PIPTIME: 3.69508760000 05  
 P63: BRAKQUAO  
 TP1P: 3.69508760000 C5

R AND RG				V ANO VG			
1.744152	67499	06	-1.57524999999 03	-7.44188749999 04	-7.90743827819 00	-1.29853248596 01	6.95094823837 02
7.99949999999	03	-4.30874999999 02	-7.65642499999 04	-6.82830810546 00	7.55958557128 00	6.99823379516 02	

LANO			TTF		CG		AFC	
1.73605624999	06	-3.36999999999 03	2.11524999999 03	-2.28535771484 02	0.99 -0.00 0.00	4.44228760898 00		
					0.00 0.99 0.02			
					-0.00 -0.02 0.99			

UNFC			UNWC			
2.51918302306	-01	6.62742538901 -03	-9.67725811475 -01	9.99090570702 -01	-9.02339812499 -04	-4.26288319916 -02

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	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369510.06	10765.22	0	3499	4.0740	4.4422	3499	3816	0	4096	4096

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	TIME	MODE	VERBNOUN	H	FOOT	TTF	RANGE	ARVEL	TTF LPD	VHORIZ	OELTAP
DISPLAYS:	369510.39	63	6 63	31758	- 1230	- 3 48	416	22810	99 79	22961	- 95

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	COUIME	COUX	COUY	CDUZ	OMFGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369510.76	- 0.5603	76.3439	0.0000	- 0.0033	- 0.1168	- 0.0518	
	369510.76	- 1.3842	76.5197	0.1318	0.0000	- 0.1208	0.0329	DESIRED

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369510.759	+10735.65	+ 1315287.9	+ 1058071.9	+ 444775.9	+ 422.73	- 493.12	- 225.3C	+ 9600.06
ENV	369510.759	+10714.39	+ 1315254.2	+ 1055476.8	+ 450889.7	+ 422.67	- 494.35	- 222.94	+ 9569.90
ERR	0.000	21.25	33.7	2595.1	6113.7	0.05	1.22	2.35	30.15

	IN POUNDS	AND FOOT	MASS	RN			VN			ALTITUDE
AGC	IN POUNDS		+23667.82	+ 4315249.3	+ 3471364.8	+ 1459238.8	+1386.91	-1617.86	- 739.17	+ 31496.26
ENV	AND FOOT		+23620.95	+ 4315138.6	+ 3462850.3	+ 1479297.0	+1386.72	-1621.88	- 731.45	+ 31397.34

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PIPTIME: 3.69510760000 05

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P63: 8RAKQUAD  
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TPIP: 3.69510760000 05

	R AND RG	V AND VG							
1.74413162499	06 -1.60118749999 03	-7.30362499999	04	-9.09581184387	00	-1.29444599151	01	6.87321615219	02
7.98037499999	03 -4.18124999999 02	-7.51722499999	04	-8.03337097167	00	7.39021301269	00	6.92053604125	02

	LAND	TTF	CG	AF
1.73605624999	06 -3.37012499999 03	2.10612499999 03	-2.26435092773 02	0.99 -0.00 0.00
				0.00 0.99 0.02
				-0.00 -0.02 0.99

	UNFC	UNWC
2.54203177436	-01 6.82435446829 -03	-9.67126761478 -01 9.99123955099 -01
		-9.17248422695 -04 -4.18387500072 -02

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	TIME	MASS	FWEIGHT	FCCLD	AF	AF	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369512.26	10735.65	0	3494	4.0790	4.4210	3494	3787	0	4096	4096

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	TIME	MOOF	VERBNOUN	H	HDT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
DISPLAYS:	369512.57	63	6 63	31496	- 1240	- 3 46	408	22555	99 79	22706	- 107

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	COUTIME	CDUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369512.76	- 0.5712	76.1901	- 0.0219	- 0.0018	- 0.0598	0.0239	
	369512.76	- 1.3842	76.3330	0.1318	0.0000	- 0.0878	0.0329	DESIREO

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369512.759	+10706.16	+ 1316125.9	+ 1057087.9	+ 444327.9	+ 416.95	- 488.21	- 223.15	+ 9520.31
ENV	369512.759	+10684.92	+ 1316093.8	+ 1054493.0	+ 450445.9	+ 416.89	- 489.44	- 220.79	+ 9493.55
ERR	0.000	21.23	32.1	2594.9	6117.9	0.05	1.22	2.36	26.75
AGC	IN PCUNOS	+23602.81	+ 4317998.6	+ 3468136.4	+ 1457769.0	+1367.95	-1601.75	- 732.15	+ 31234.62
ENV	ANO FOOTS	+23555.99	+ 4317893.1	+ 3459622.7	+ 1477841.1	+1367.76	-1605.78	- 724.38	+ 31146.84

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PIPTIME: 3.6951276000 05  
 P63: 8RAKQUAO  
 TPIP: 3.6951276000 05

R AND RG				V AND VG							
1.74410849999	06	-1.62706249999	03	-7.16692499999	04	-1.02547168731	01	-1.29135608673	01	6.79525947570	02
7.95937499999	03	-4.04124999999	02	-7.37958749999	04	-9.20906066894	00	7.19566345214	00	6.84261703491	02

LAND				TTF				CG			AFC	
1.73605624999	06	-3.37024999999	03	2.09699999999	03	-2.24343559570	02	0.99	-0.00	0.00	4.39905095845	00
TRANSIENT 0.129								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

UNFC				UNWC							
2.56370703839	-01	7.08420283131	-03	-9.66552572953	-01	9.99156349157	-01	-9.32104879327	-04	-4.10575342405	-02

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	TIME	MASS	WEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369514.21	10706.16	0	3497	4.0940	4.3990	3497	3758	0	4096	4056

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	TIME	MODE	VERBNOUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	OELTAH
DISPLAYS:	369514.56	63	6 63	31235	- 1250	- 3 44	401	22300	99 79	22450	- 94

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	CDUTIME	COUX	COUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369514.76	- 0.5712	76.1462	0.0329	- 0.0017	0.0306	0.0303	
	369514.76	- 1.3842	76.3000	0.1318	0.0000	- 0.1538	0.0549	DESIRE0

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369514.759	+10676.75	+ 1316951.9	+ 1056113.9	+ 443881.9	+ 411.16	- 483.27	- 220.99	+ 9440.56
ENV	369514.759	+10655.46	+ 1316921.8	+ 1053519.0	+ 450006.5	+ 411.11	- 484.50	- 218.62	+ 9416.61
ERR	0.000	21.29	30.1	2594.9	6124.5	0.05	1.23	2.37	23.94

	IN POUNDS	AND FEET							
AGC	+23537.97	+ 4320708.6	+ 3464940.9	+ 1456305.7	+1348.97	-1585.53	- 725.04	+ 30972.97	
ENV	+23491.03	+ 4320609.7	+ 3456427.3	+ 1476399.5	+1348.80	-1589.59	- 717.26	+ 30894.40	

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PIPTIME:	3.69514760000	05		P63: BRAKQUAC	TPIP:	3.69514760000	05
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	R AND RG	V AND VG
1.74408368749	06 -1.65287499999 03 -7.03178749999 04 -1.13939762115 01 -1.28726005554 01 6.71697711944 02	
7.93649999999	03 -3.88874999999 02 -7.24351249999 04 -1.03649139404 01 6.99424743652 00 6.76436996459 02	

	LANO	TTF	CG	AFC
1.73605624999	06 -3.37037499999 03 2.08787499999 03 -2.22262054726 02 0.99 -0.00 0.00 4.37563052400 00		0.00 0.99 0.02	
	TRANSIENT 0.130		-0.00 -0.02 0.99	

	UNFC	UNWC
2.58559115946	-01 7.27240595725 -03 -9.65968061414 -01 9.99187772847 -01 -9.46938982487 -04 -4.02852069457 -02	

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	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369516.20	10676.75	0	3500	4.1090	4.3756	3500	3727	0	4056	4096

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	TIME	MOQE	VER8NQUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	OELTAH
OISPLAYS:	369516.52	63	6 63	30973	- 1260	- 3 42	393	22044	59 79	22194	- 79

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	COUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRED
ATTITUDE:	369516.76	- 0.5822	75.9814	0.0878	- 0.0015	- 0.1730	0.0323		
	369516.76	- 1.3842	76.0803	0.1318	0.0000	- 0.1208	0.0549		

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369516.759	+10647.42	+ 1317765.9	+ 1055151.9	+ 443441.9	+ 405.39	- 478.31	- 218.82	+ 9360.06	
ENV	369516.759	+10625.99	+ 1317738.2	+ 1052554.9	+ 449571.5	+ 405.33	- 479.55	- 216.43	+ 9339.06	
ERR	0.000	21.42	27.7	2597.0	6129.5	0.06	1.23	2.38	20.99	
AGC	IN PCUNOS	+23473.30	+ 4323379.2	+ 3461784.7	+ 1454862.2	+1330.04	-1569.28	- 717.91	+ 30708.86	
ENV	ANO FOOTS	+23426.07	+ 4323288.3	+ 3453264.3	+ 1474972.1	+1329.84	-1573.34	- 710.09	+ 30639.99	

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PIPTIME: 3.6951676000 05  
 P63: 8RAKQUAO  
 TIPI: 3.6951676000 05

R ANO RG				V ANO VG							
1.74405643749	06	-1.67856249999	03	-6.89821874999	04	-1.25135898590	01	-1.28315925598	01	6.63867044448	02
7.91137459999	03	-3.74624999999	02	-7.10899999999	04	-1.15013122558	01	6.79969787557	00	6.68605619140	02

LANO				TTF				CG			AFC	
1.73605624999	06	-3.37049999999	03	2.07874999999	03	-2.20187851562	02	0.99	-0.00	0.00	4.35186317190	00
TRANSIENT 0.129								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

UNFC				UNWC							
2.60739445198	-01	7.48317832024	-03	-9.65380206840	-01	9.99218245429	-01	-9.61698589397	-04	-3.95218058470	-02

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	TIME	MASS	WEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369518.20	10647.42	0	3495	4.1140	4.3518	3495	3697	0	4096	4096

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	TIME	MOOE	VERBNDUN	H	HDOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	OELTAP
DISPLAYS:	369518.56	63	6 63	30709	- 1270	- 3 40	386	21788	99 79	21937	- 81

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	COUTIME	CDUX	CDUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369518.76	- 0.5822	75.7946	0.1318	- 0.0018	- 0.0725	0.0208	
	369518.76	- 1.3842	75.8935	0.1318	0.0000	- 0.0878	0.0659	DESIRE0

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369518.759	+10618.17	+ 1318567.9	+ 1054197.9	+ 443005.9	+ 399.63	- 473.32	- 216.61	+ 9279.56	
ENV	369518.759	+10596.52	+ 1318543.2	+ 1051600.8	+ 449140.8	+ 399.57	- 474.56	- 214.22	+ 9260.93	
ERR	0.000	21.65	24.7	2597.1	6134.8	0.05	1.24	2.38	18.62	
AGC	IN POUNDS	+23408.83	+ 4326010.4	+ 3458654.8	+ 1453431.7	+1311.12	-1552.91	- 710.67	+ 30444.75	
ENV	ANO FOOT5	+23361.10	+ 4325929.1	+ 3450133.9	+ 1473559.1	+1310.93	-1556.98	- 702.84	+ 30383.65	

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PIPTIME: 3.6951876000 05 P63: BRAKOUAD TP/IP: 3.6951876000 05

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P63: BRAKOUAD  
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R AND RG				V ANO VG							
1.74402756249	06	-1.70418749999	03	-6.76621874999	04	-1.36036396026	01	-1.27706050872	01	6.56003999710	02
7.88449999999	03	-3.60749999999	02	-6.97606249999	04	-1.26079559326	01	6.62307739257	00	6.60749816894	02

LAND				TTF				CG			AFC	
1.73605624999	06	-3.37062499999	03	2.06962499999	03	-2.18124418945	02	0.99	-0.00	0.00	4.32649860158	00
TRANSIENT 0.125								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

UNFC				UNWC							
2.62846921027	-01	7.57377519801	-03	-9.64807822333	-01	9.99247787152	-01	-9.76420936789	-04	-3.87673377125	-C2

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369520.20	10618.17	0	3498	4.1290	4.3264	3498	3665	0	4096	4096

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DISPLAYS:	TIME	MODE	VERBNOUN	H	HOOT	TTF	RANGE	A8VEL	TTF LPO	VHORIZ	DELTAH
	369520.56	63	6 63	30445	- 1279	- 3 38	379	21531	99 79	21679	- 65

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ATTITUDE:	CDUTIME	CDUX	COUY	COUZ	DMEGAX	DMEGAY	DMEGAZ	ACTUAL	DESIRED
	369520.76	- 0.5822	75.75C7	0.1538	- 0.0008	0.0211	0.0732		
	369520.76	- 1.3842	75.8605	0.1318	0.0000	- 0.1428	0.0549		

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369520.759	+10589.00	+ 1319359.9	+ 1053253.9	+ 442573.9	+ 393.87	- 468.30	- 214.40	+ 9198.81	
ENV	369520.759	+10567.05	+ 1319336.5	+ 1050656.7	+ 448714.6	+ 393.81	- 469.55	- 212.00	+ 9182.25	
ERR	0.000	21.95	23.4	2597.2	6140.6	0.05	1.25	2.39	16.55	
AGC	IN POUNDS	+23344.52	+ 4328608.9	+ 3455557.7	+ 1452014.4	+1292.22	-1536.43	- 703.41	+ 30179.83	
FNV	ANO FOOT	+23296.12	+ 4328532.1	+ 3447036.4	+ 1472160.7	+1292.03	-1540.54	- 695.54	+ 30125.51	

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PIPTIME: 3.6952076000 05  
 P63: BRAKQUAD  
 TPIP: 3.6952076000 05

R AND RG				V ANO VG							
1.743996E1245	06	-1.72968749999	03	-6.63579374999	04	-1.46640300750	01	-1.27194881439	01	6.48118495941	02
7.85562499999	03	-3.48624999999	02	-6.84471249999	04	-1.36848449707	01	6.45103454589	00	6.52867126464	02

LAND				TTF				CG			AFC	
1.73605637499	06	-3.37074999999	03	2.06049599999	03	-2.16070849609	02	0.99	-0.00	0.00	4.30021202191	00
								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

TRANSIENT 0.122

UNFC				UNWC							
2.64899269453	-01	7.75382738960	-03	-9.64244914533	-01	9.99276417793	-01	-9.91083670057	-04	-3.80218173611	-02

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	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFSET	REG55
THROTTLE:	369522.20	10589.00	0	3501	4.1440	4.3002	3501	3633	0	4096	4056

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	TIME	MODE	VERBNOUN	H	HCOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	OELTAH
OISPLAYS:	369522.52	63	6 63	30160	- 1288	- 3 36	372	21273	99 79	21420	- 57

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	CDUTIME	CDUX	CDUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	OESIRE
ATTITUDE:	369522.76	- 0.5932	75.5639	0.1757	- 0.0033	- 0.1862	- 0.0557		
	369522.76	- 1.3842	75.6738	0.1318	0.0000	- 0.0988	0.0659		

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369522.759	+10559.26	+ 1320139.9	+ 1052321.9	+ 442145.9	+ 388.11	- 463.27	- 212.16	+ 9117.37	
ENV	369522.759	+10537.58	+ 1320118.4	+ 1049722.6	+ 448252.8	+ 388.05	- 464.52	- 209.76	+ 9103.01	
ERR	0.000	21.68	21.5	2595.3	6146.8	0.05	1.25	2.40	14.36	

	IN POUNDS	+	4331167.9	+	3452499.9	+	1450610.2	+	1273.33	-	1519.92	-	696.08	+	29912.64
AGC															
ENV	AND FEET	+23231.15	+ 4331097.2	+ 3443971.8	+ 1470777.0	+1273.14	-1524.04	- 688.19	+ 29865.53						

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PIPTIME:	3.69522760000	05		TPIP:	3.69522760000	05
			P63: 8RAKQUAC			

	R AND RG					V AND VG					
1.74396387499	06	-1.75506249999	03	-6.50694999999	04	-1.57149791717	01	-1.26483917236	01	6.40220642089	02
7.82474999999	03	-3.35624999999	02	-6.71492499999	04	-1.47518157958	01	6.28547668457	00	6.44971847534	02

	LANO					TTF	CG			AFC		
1.73605637499	06	-3.37087499999	03	2.05137499999	03	-2.14026552734	02	0.99	-0.00	0.00	4.27400693297	00
								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

	UNFC					UNWC					
2.67017225460	-01	7.80740541469	-03	-9.63660129780	-01	9.99304155221	-01	-1.00566446252	-03	-3.72853053635	-02

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369524.20	10559.26	0	3495	4.1490	4.2740	3495	3601	0	4096	4096

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DISPLAYS:	TIME	MODE	VERBNOUV	H	HOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
	369524.52	63	6 63	29913	- 1297	- 3 34	365	21015	59 79	21161	- 59

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ATTITUDE:	CDUTIME	CDUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
	369524.76	- 0.5932	75.4101	0.1647	- 0.0025	0.0030	- 0.0096	
	369524.76	- 1.1535	75.6408	0.1318	0.7855	- 0.1647	0.0549	DESIREO

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369524.759	+10529.62	+ 1320907.9	+ 1051397.9	+ 441723.9	+ 382.37	- 458.19	- 209.92	+ 9036.18	
ENV	369524.759	+10508.10	+ 1320888.8	+ 1048798.6	+ 447875.5	+ 382.30	- 459.45	- 207.50	+ 9023.23	
ERR	0.000	21.51	19.1	2599.3	6151.5	0.06	1.25	2.41	12.95	
ACC	IN POUNDS	+23213.60	+ 4333687.6	+ 3449468.5	+ 1449225.7	+1254.49	-1503.27	- 688.71	+ 29646.28	
ENV	ANO FOOTS	+23166.17	+ 4333624.7	+ 3440940.3	+ 1469408.0	+1254.29	-1507.41	- 680.80	+ 29603.79	

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PIPTIME: 3.6952476000 05 P63: 8RAKQUAD TPIP: 3.69524760000 05  
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	R	AND	RG	V				ANO	VG		
1.74392962499	06	-1.78031249999	03	-6.37969374999	04	-1.67262077331	01	-1.25872611999	01	6.32300519943	02
7.79237499999	03	-3.24624999999	02	-6.58671249999	04	-1.57794952392	01	6.12678527832	00	6.37054061889	02

	LANO	TTF	CG			AFC						
1.73605637499	06	-3.37099999999	03	2.04224999999	03	-2.11592109374	02	0.99	-0.00	0.00	4.24533383920	00
								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

TRANSIENT 0.115  
 UNFC UNWC  
 2.68951953954 -01 7.95442113745 -03 -9.63120747179 -01 9.99331018617 -01 -1.02018564816 -03 -3.65578233756 -02

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369526.19	10529.62	0	3498	4.1640	4.2453	3498	3567	0	4096	4096

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OISPLAYS:	TIME	MOOE	VER	BNOUN	H	HOOT	TTF	RANGE	A8VEL	TTF LPO	VHORIZ	OELTAH
	369526.52	63	6	63	29646	- 1305	- 3 32	358	20756	99 79	20901	- 41

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ATTITUDE:	COUTIME	CDUX	COUY	COUZ	OMEGA X	OMEGAY	OMEGAZ	ACTUAL	DESIRED
	369526.76	- 0.5932	75.2783	0.1867	- 0.0025	- 0.1567	- 0.0156		
	369526.76	0.1538	75.4211	0.1318	0.0219	- 0.1098	0.0549		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369526.759	+10500.05	+ 1321665.9	+ 1050485.5	+ 441305.9	+ 376.62	- 453.11	- 207.67	+ 8954.24
ENV	369526.759	+10478.62	+ 1321647.7	+ 1047884.7	+ 447462.8	+ 376.56	- 454.36	- 205.24	+ 8542.94
ERR	0.000	21.42	18.2	2601.2	6156.8	0.05	1.25	2.42	11.30

	IN POUNDS								
AGC	+23148.41	+ 4336174.5	+ 3446476.3	+ 1447854.3	+1235.65	-1486.58	- 681.33	+ 29377.46	
ENV	AND FEET	+23101.18	+ 4336114.5	+ 3437942.1	+ 1468053.8	+1235.46	-1490.71	- 673.37	+ 29340.38

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PIPTIME:	3.6952676000	05		TPIP:	3.6952676000	05
			P63: 8RAKQUAD			

R AND RG				V AND VG							
1.74389312499	06	-1.80543749999	03	-6.25401874999	04	-1.77277565002	01	-1.25260829925	01	6.24368047714	02
7.75774999999	03	-3.12624999999	02	-6.46009999999	04	-1.67972564697	01	5.95321655273	00	6.29124450683	02

LAND				TTF		CG			AFC		
1.73605637499	06	-3.37112499999	03	2.03312499999	03	-2.09968515624	02	0.99 -0.00	0.00	4.21715201E10	00
								0.00 0.99	0.02		
								-0.00 -0.02	0.99		

UNFC				UNWC							
2.71018750650	-C1	8.09899578890	-03	-9.62539995565	-01	9.99357028593	-01	-1.03463232392	-03	-3.58393489883	-02

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFSET	REG55
	369528.20	10500.05	0	3493	4.1690	4.2171	3493	3533	0	4096	4096

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DISPLAYS:	TIME	MODE	VERBNOUN	H	HDCT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
	369528.52	63	6 63	29377	- 1314	- 3 30	351	20496	99 79	20641	- 47

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ATTITUDE:	CDUTIME	COUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRED
	369528.76	- 0.6042	75.0146	0.1428	- 0.0018	- 0.1044	0.0224		
	369528.76	0.1538	75.2343	0.1318	0.0219	- 0.0769	0.0549		

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369528.759	+10470.55	+ 1322411.9	+ 1049583.9	+ 440891.9	+ 370.90	- 447.97	- 205.39	+ 8872.12	
ENV	369528.759	+10449.15	+ 1322395.1	+ 1046981.1	+ 447054.5	+ 370.84	- 449.23	- 202.96	+ 8862.17	
ERR	0.000	21.40	16.8	2602.8	6162.5	0.05	1.26	2.43	9.95	

	IN POUNDS	ANO	FOOTS						
AGC	+23083.39	+ 4338622.0	+ 3443517.0	+ 1446496.0	+1216.87	-1469.72	- 673.88	+ 29108.02	
ENV	+23036.19	+ 4338566.6	+ 3434977.5	+ 1466714.5	+1216.69	-1473.88	- 665.89	+ 29075.36	

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PIPTIME: 3.6952876000 05  
 P63: 8RAKQUAO  
 TPIP: 3.69528760000 05

R AND RG				V AND VG							
1.74385493749	06	-1.83043749999	03	-6.12993749999	04	-1.86798095703	01	-1.24648571014	01	6.16403341293	02
7.72137499999	03	-3.00624999999	02	-6.33508749999	04	-1.77654266357	01	5.77697753906	00	6.21162414550	02

LAND				TTF				CG			AFC	
1.73605637499	06	-3.37124999999	03	2.02399999999	03	-2.07956356484	02	0.99	-0.00	0.00	4.18704468756	00
TRANSIENT 0.111								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

UNFC				UNWC							
2.7288000128	-01	8.25356965412	-03	-9.62012673574	-01	9.99382202810	-01	-1.04900449252	-03	-3.51299344615	-02

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	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REC55
THROTTLE:	369530.20	10470.55	0	3504	4.1940	4.1870	3504	3498	0	4056	4096

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	TIME	MOOE	VERBNOUN	H	FOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
OISPLAYS:	369530.52	63	6 63	29108	- 1321	- 3 28	345	20236	99 79	20380	- 39

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	COUTIME	CDUX	CDUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRED
ATTITUDE:	369530.76	- 0.6042	74.9557	0.2307	- 0.0C18	0.0012	0.0233		
	369530.76	0.1538	75.2014	0.1318	0.0274	- 0.1208	0.0549		

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369530.759	+10441.15	+ 1323147.9	+ 1048651.9	+ 440483.9	+ 365.19	- 442.80	- 203.11	+ 8789.87	
ENV	369530.759	+10419.67	+ 1323131.0	+ 1046087.8	+ 446650.9	+ 365.13	- 444.08	- 200.66	+ 8780.95	
ERR	0.000	21.48	16.9	2604.1	6166.9	0.05	1.27	2.44	8.92	
AGC	IN POUNDS	+23018.57	+ 4341036.7	+ 3440590.5	+ 1445157.4	+1198.14	-1452.77	- 666.38	+ 28838.17	
ENV	AND FOOTS	+22971.20	+ 4340981.2	+ 3432046.7	+ 1465390.3	+1197.95	-1456.95	- 658.35	+ 28808.89	

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PIPTIME: 3.6953076000 05 P63: BRAKQUAC TP1P: 3.6953076000 05

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P63: BRAKQUAC  
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R AND RG				V AND VG							
1.74381524999	06	-1.85531249999	03	-6.00744999999	04	-1.96022510528	01	-1.24035835266	01	6.08426380157	02
7.68349959999	03	-2.88624999999	02	-6.21164999999	04	-1.87038421630	01	5.59539794921	00	6.13187789916	02

LANO				TTF		CG			AF		
1.73605637499	06	-3.37137499999	03	2.01487499999	03	-2.05954360351	02	0.99 -0.00	0.00	4.15580580011	00
TRANSIENT 0.129						0.00 0.99 0.02					
						-0.00 -0.02 0.99					

UNFC				UNWC							
2.75046417570	-01	8.42341279072	-03	-9.61394047359	-01	9.99406560100	-01	-1.06330960866	-03	-3.44295948345	-02

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THRDTITLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369532.28	10441.15	0	3498	4.1990	4.1558	3498	3462	0	4096	4096

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DISPLAYS:	TIME	MODE	VER8NDUN	H	HDDT	TTF	RANGE	ARVEL	TTF LPO	VHORIZ	DELTAH
	369532.59	63	6 63	28838	- 1329	- 3 26	338	19975	99 79	20118	- 30

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ATTITUDE:	CDUTIME	CDUX	CDUY	CDUZ	DMEGAX	DMEGAY	DMEGAZ	ACTUAL	DESIRED
	369532.76	- 0.6042	74.8608	0.2966	- 0.0017	- 0.0753	0.0278		
	369532.76	0.1538	75.0036	0.1318	0.0274	- 0.0659	0.0549		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369532.759	+10411.83	+ 1323871.9	+ 1047811.9	+ 440079.9	+ 359.48	- 437.63	- 200.80	+ 8707.12
ENV	369532.759	+10390.19	+ 1323855.6	+ 1045204.8	+ 446251.9	+ 359.42	- 438.90	- 198.35	+ 8699.28
ERR	0.000	21.64	16.3	2607.1	6171.9	0.06	1.27	2.45	7.83
AGC	IN PCUNOS	+22953.93	+ 4343412.0	+ 3437703.4	+ 1443832.0	+1179.42	-1435.80	- 658.81	+ 28566.68
ENV	ANO FOOT5	+22906.21	+ 4343358.4	+ 3429149.8	+ 1464081.1	+1179.21	-1439.97	- 650.75	+ 28540.96

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PIPTIME: 3.69532760000 05  
 P69: 8RAKQUAO  
 TPIP: 3.69532760000 05

R AND RG				V AND VG							
1.74377362499	06	-1.88006249999	03	-5.88655624999	04	-2.05150604248	01	-1.23222351074	01	6.00437211990	02
7.64374999999	03	-2.76499999999	02	-6.08582499999	04	-1.96323394775	01	5.43136596679	00	6.05200958251	02

LAND				TTF		CG		AFC				
1.73605637499	06	-3.37149999999	03	2.00574599999	03	-2.03963427734	02	0.99	-0.00	0.00	4.12378227338	00
TRANSIENT 0.285						0.00 0.99 0.02		-0.00 -0.02 0.99				

UNFC				UNWC							
2.79840471161	-01	8.53963991266	-03	-9.60008533946	-01	9.99430119357	-01	-1.07755511127	-03	-3.37383371842	-02

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	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369534.28	10411.83	0	3496	4.2090	4.1237	3496	3426	0	4096	4096

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	TIME	MODE	VER8NOUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
OISPLAYS:	369534.59	63	6 63	28567	- 1336	- 3 24	331	19715	99 79	19856	- 32

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	COUTIME	CDUX	COUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369534.76	- 0.6152	74.7729	0.2966	- 0.0022	0.0073	0.0034	
	369534.76	0.1538	74.9816	0.1318	0.0274	- 0.1977	0.0439	DESIREO

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369534.759	+10382.60	+ 1324583.9	+ 1046939.9	+ 439679.9	+ 353.78	- 432.42	- 198.48	+ 8624.37
ENV	369534.759	+10360.70	+ 1324568.7	+ 1044332.2	+ 445857.5	+ 353.71	- 433.70	- 196.01	+ 8617.18
ERR	0.000	21.89	15.2	2607.7	6177.5	0.06	1.28	2.46	7.18

	IN PCUNQS	ANO FOOTS							
AGC	+22889.48	+ 4345748.0	+ 3434842.5	+ 1442515.6	+1160.70	-1418.70	- 651.19	+ 28255.19	
ENV	+22841.21	+ 4345698.1	+ 3426286.9	+ 1462787.3	+1160.48	-1422.90	- 643.09	+ 28271.61	

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PIPTIME: 3.6953476000 05

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P63: BRAKQUAO  
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TP IP: 3.6953476000 05

R AND RG				V AND VG							
1.74373068749	06	-1.90462499999	03	-5.76726249999	04	-2.13983535766	01	-1.22408350C45	01	5.92415504998	02
7.60262499999	03	-2.66495999999	02	-5.96958749999	04	-2.05314636230	01	5.28297424316	00	5.97181320190	02

LAND				TTF				CG			AFC	
1.73605637499	06	-3.37162499999	03	1.99662499999	03	-2.019855C7812	02	0.99	-0.00	0.00	4.09003812819	00
								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

UNFC				UNWC							
2.84758843812	-01	8.69434857493	-03	-9.58559757747	-01	9.99452899035	-01	-1.09168141552	-03	-3.30561770391	-02

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THRDTTLE:	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369536.28	10382.60	0	3499	4.2240	4.0900	3499	3388	0	4096	4056

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OISPLAYS:	TIME	MODE	VERBNOUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPO	VHDRIZ	DELTAH
	369536.55	63	6 62	28295	- 1343	- 3 22	325	19453	99 79	19593	- 21

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ATTITUDE:	CDUTIME	CDUX	CDUY	CDUZ	OMEGAX	DMEGAY	DMEGAZ	ACTUAL
	369536.76	- 0.6152	74.5532	0.2526	- 0.0025	- 0.1997	- 0.0172	
	369536.76	0.1538	74.7399	0.1318	0.0329	- 0.2307	0.0329	OESIED

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369536.759	+10352.81	+ 1325283.9	+ 1046075.9	+ 439283.9	+ 348.06	- 427.18	- 196.14	+ 8540.68
ENV	369536.759	+10331.22	+ 1325270.5	+ 1043470.0	+ 445467.8	+ 348.01	- 428.47	- 193.67	+ 8534.66
ERR	0.000	21.59	13.4	2609.9	6183.8	0.05	1.28	2.47	6.02

AGC	IN POUNDS	+22823.81	+ 4348044.6	+ 3432020.9	+ 1441220.4	+1141.96	-1401.53	- 643.53	+ 28020.62
ENV	AND FEET	+22776.20	+ 4348000.4	+ 3423458.2	+ 1461508.7	+1141.76	-1405.75	- 635.41	+ 28000.85

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PIPTIME: 3.69536760000 05

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P63: BRKQUAD  
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TPIP: 3.69536760000 05

R AND RG				V AND VG							
1.74368543749	06	-1.92899999999	03	-5.64957499959	04	-2.22719669342	01	-1.21593952178	01	5.84372377395	02
7.55899999999	03	-2.56374999999	02	-5.85094999999	04	-2.14206655556	01	5.12962341308	00	5.89139556884	02

LANO				TTF				CG				AEC	
1.73605637499	06	-3.37174999999	03	1.98749599959	03	-2.00020454101	02	0.99	-0.00	0.00	4.05495055019	00	
								0.00	0.99	0.02			
								-0.00	-0.02	0.99			

UNFC				UNWC							
2.90011121437	-01	8.87178632559	-03	-9.56982152837	-01	9.99474915655	-01	-1.10569595773	-03	-3.23831810031	-02

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	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIESET	REG55
THROTTLE:	369538.28	10352.81	0	3501	4.2390	4.0549	3501	3349	0	4056	4096

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	TIME	MODE	VERBNOUN	H	FOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
DISPLAYS:	369538.59	63	6 63	28021	- 1350	- 3 20	319	19190	99 79	19329	- 32

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	COUTIME	CDUX	COUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369538.76	- 0.6152	74.1796	0.2416	- 0.0024	- 0.2444	- 0.0158	
	369538.76	0.1538	74.3225	0.1318	0.0384	- 0.2087	0.0219	DESIRED

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369538.759	+10323.10	+ 1325973.9	+ 1045229.9	+ 438893.9	+ 342.39	- 421.90	- 193.80	+ 8456.62
ENV	369538.759	+10301.73	+ 1325960.8	+ 1042618.3	+ 445082.8	+ 342.33	- 423.20	- 191.31	+ 8451.74
ERR	0.000	21.37	13.1	2611.6	6188.8	0.05	1.29	2.48	4.87

	IN POUNDS	ANO	FOOTS						
AGC	22758.32	+ 4350308.3	+ 3429232.2	+ 1439940.9	+ 1123.34	-1384.20	- 635.84	+ 27744.83	
ENV	22711.20	+ 4350265.2	+ 3420664.0	+ 1460245.6	+ 1123.15	-1388.45	- 627.68	+ 27728.83	

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PIPTIME: 3.6953876000 05

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P63: 8RAKQUAD  
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TPIP: 3.6953876000 05

	R	ANO	RG			V	ANO	VG			
1.74363856249	06	-1.95324999999	03	-5.53349999999	04	-2.30859756469	01	-1.20879173278	01	5.76316690444	02
7.51387499999	03	-2.46374999999	02	-5.73394999999	04	-2.22503662109	01	4.96444702148	00	5.81086349487	02

	LANO		TTF		CG		AFC			
1.73605637499	06	-3.37187499999	03	1.97837499999	03	-1.98066411132	02	0.99 -0.00 0.00	4.01822850108	00
								0.00 0.99 0.02		
								-0.00 -0.02 0.99		

	UNFC		UNWC								
2.95191260847	-01	9.12147868127	-03	-9.55394640002	-01	9.99496187012	-01	-1.11965089506	-03	-3.17193715264	-02

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369540.28	10323.10	0	3500	4.2490	4.0182	3500	3309	0	4096	4096

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DISPLAYS:	TIME	MODE	VER8NOUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
	369540.59	63	6 63	27745	- 1355	- 3 18	312	18927	99 79	19065	- 32

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ATTITUDE:	COUTIME	COUX	COUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIREO
	369540.76	-	0.6262	73.7622	0.2197	- 0.0026	- 0.1388	- 0.0219	
	369540.76		0.1538	74.0808	0.1318	0.0439	- 0.2636	0.0329	

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369540.759	+10293.49	+ 1326651.9	+ 1044385.9	+ 438507.9	+ 336.76	- 416.59	- 191.43	+ 8372.68
ENV	369540.759	+10272.24	+ 1326639.8	+ 1041777.3	+ 444702.6	+ 336.70	- 417.88	- 188.94	+ 8368.54
ERR	0.000	21.24	12.1	2612.6	6194.6	0.05	1.28	2.49	4.14
AGC	IN PCUMOS	+22693.02	+ 4352532.8	+ 3426476.3	+ 1438674.5	+1104.88	-1366.77	- 628.07	+ 27469.44
ENV	AND FOOTS	+22646.19	+ 4352493.0	+ 3417904.5	+ 1458958.0	+1104.69	-1371.00	- 619.90	+ 27455.84

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PIPTIME: 3.69540760000 05

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P63: BRAKQUAD  
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TPIP: 3.69540760000 05

R AND RG

1.74359049999	06	-1.97737499999	03	-5.41903749999	04	-2.38403797149	01	-1.20063781738	01	5.68258905410	02
7.46749999999	03	-2.35499999999	02	-5.61853749999	04	-2.30201721191	01	4.79621887207	00	5.73030090332	02

V AND VG

LANO

1.73605637499	06	-3.37199999999	03	1.96924999999	03	-1.96123188476	02	0.99 -0.00 0.00	3.98117350414	00
								0.00 0.59 0.02		
								-0.00 -0.02 0.99		

TRANSIENT 0.301

UNFC

3.00216115823	-01	9.31983484973	-03	-9.53825678244	-01	9.99516731702	-01	-1.13353877268	-03	-3.10647410418	-02
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UNVC

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	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369542.31	10293.49	0	3498	4.2590	3.9811	3498	3270	0	4096	4096

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	TIME	MODE	VERBNOU	H	HOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
OISPLAYS:	369542.66	63	6 63	27469	- 1360	- 3 16	306	18664	99 79	18800	- 23

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	COUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRE0
ATTITUDE:	369542.76	- 0.6262	73.4545	0.2197	- 0.0019	- 0.2163	0.0096		
	369542.76	0.1538	73.6633	0.1318	0.0494	- 0.2087	0.0329		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369542.759	+10263.95	+ 1327319.9	+ 1043561.9	+ 438127.9	+ 331.18	- 411.23	- 189.07	+ 8288.31
FNV	369542.759	+10242.75	+ 1327307.7	+ 1040946.8	+ 444327.1	+ 331.12	- 412.52	- 186.55	+ 8285.13
ERR	0.000	21.20	12.2	2615.1	6199.1	0.06	1.29	2.51	3.17

	IN POUNDS								
AGC	+22627.91	+ 4354724.4	+ 3423759.8	+ 1437427.8	+1086.55	-1349.18	- 620.31	+ 27192.62	
ENV	AND FOOTS	+22581.17	+ 4354684.1	+ 3415180.0	+ 1457766.1	+1086.35	-1353.43	- 612.07	+ 27182.19

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PIPTIME: 3.6954276000 05

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P63: BRAKQUAD  
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TIIP: 3.6954276000 05

		R ANO RG			V ANO VG			
1.74354074999	06	-2.00131249999	03	-5.30618749999	04	-2.45351791381	01	-1.19448184967
7.41924999999	03	-2.25374999999	02	-5.50474999999	04	-2.37300872802	01	4.61235046386

		LANO		TTF		CG		AFC
1.73605637499	06	-3.37212499999	03	1.96012499999	03	-1.94192324218	02	0.99 -0.00 0.00
								3.94240720197 00
								0.00 0.99 0.02
								-0.00 -0.02 0.99

		UNFC		UNWC				
3.05184344345	-01	9.68550524090	-03	-9.52244031090	-01	9.99536567624	-01	-1.14731489893 -03 -3.04192973257 -02

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	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFSET	REG55
THROTTLE:	369544.28	10263.95	0	3500	4.2740	3.9424	3500	3228	0	4096	4096

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	TIME	MODE	VERBNCUN	H	HOOT	TTF	RANGE	ARVEL	TTF LPD	VHORIZ	DELTAH
DISPLAYS:	369544.60	63	6 63	27193	- 1362	- 3 14	300	18400	99 79	18536	- 28

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	CDUTIME	CDUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369544.76	- 0.6262	73.0920	0.2416	- 0.0015	- 0.1430	0.0297	DESIRED
	369544.76	0.1538	73.4216	0.1318	0.0494	- 0.2416	0.0439	

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369544.759	+10234.51	+ 1327975.9	+ 1042743.9	+ 437751.9	+ 325.62	- 405.82	- 186.66	+ 8204.31
ENV	369544.759	+10213.26	+ 1327964.4	+ 1040127.2	+ 443956.3	+ 325.56	- 407.12	- 184.15	+ 8201.60
ERR	0.000	21.24	11.5	2616.7	6204.3	0.05	1.30	2.51	2.70
AGC	IN POUNDS	+22563.00	+ 4356876.6	+ 3421076.1	+ 1436194.2	+1068.32	-1331.44	- 612.41	+ 26917.03
ENV	AND FOOTS	+22516.15	+ 4356838.6	+ 3412490.8	+ 1456549.8	+1068.13	-1335.71	- 604.17	+ 26908.14

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PIPTIME: 3.69544760000 05  
 P63: BRAKQUAD  
 TPIP: 3.69544760000 05

R AND RG				V AND VG							
1.74349018749	06	-2.02512499999	03	-5.19495624999	04	-2.51703262329	01	-1.18631839752	01	5.52097225189	02
7.37024999999	03	-2.13499999999	02	-5.39257499999	04	-2.43804931640	01	4.426574707C3	00	5.56872558593	02

LAND				TTF				CG				AFC			
1.73605649999	06	-3.37224999999	03	1.55099999999	03	-1.92275405273	02	0.99	-0.00	0.00	3.90182482078	00	0.00	0.99	0.02
TRANSIENT 0.292				-0.00 -0.02 0.99											

UNFC				UNWC							
3.10039540575	-01	9.89962099144	-03	-9.50672120546	-01	9.99555711907	-01	-1.16102397149	-03	-2.97830625617	-02

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THRDTTLE:	TIME	MASS	FWEIGHT	FCDDL	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369546.28	10234.51	0	3502	4.2890	3.9018	3502	3186	0	4096	4096

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DISPLAYS:	TIME	MODE	VERBNDUN	H	FDDT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
	369546.59	63	6 63	26917	- 1363	- 3 12	294	18136	99 79	18270	- 17

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ATTITUDE:	CDUTIME	CDUX	CDUY	CDUZ	OMEGAX	DMEGAY	DMEGAZ	ACTUAL	DESIRED
	369546.76	- 0.6262	72.7954	0.2416	- 0.0028	- 0.1746	- 0.0346		
	369546.76	0.1538	73.0041	0.1318	0.0549	- 0.1757	0.0439		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369546.759	+10205.14	+ 1328619.9	+ 1041937.9	+ 437379.9	+ 320.11	- 400.37	- 184.25	+ 8120.06
ENV	369546.759	+10183.76	+ 1328610.0	+ 1039318.3	+ 443590.5	+ 320.04	- 401.69	- 181.72	+ 8118.03
ERR	0.000	21.38	9.9	2619.6	6210.5	0.06	1.31	2.52	2.02

AGC	IN PDUNDS	+22498.26	+ 4358989.5	+ 3418431.7	+ 1434973.7	+1050.24	-1313.57	- 604.49	+ 26640.62
ENV	AND FODTS	+22451.13	+ 4358956.7	+ 3409837.2	+ 1455349.4	+1050.03	-1317.88	- 596.21	+ 26633.96

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PIPTIME: 3.69546760000 05

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P63: 8RAKQUAD  
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TPIP: 3.69546760000 05

R AND RG				V AND VG							
1.74343818749	06	-2.04874999999	03	-5.08533749999	04	-2.57458686828	01	-1.17915153503	01	5.44003295898	02
7.31987499999	03	-2.03374999999	02	-5.28199999999	04	-2.49710083007	01	4.24652099609	00	5.48780822753	02

LAND				TTF				CG				AFC				
1.73605649999	06	-3.37237499999	03	1.94187499999	03	-1.90370078124	02	0.99	-0.00	0.00	3.85943334549	00				
TRANSIENT 0.290								0.00 0.99 0.02								
								-0.00 -0.02 0.99								

UNFC				UNWC							
3.14841068160	-01	1.02176977139	-02	-9.49089405932	-01	9.99574182668	-01	-1.17462872377	-03	-2.91560215054	-02

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	TIME	MASS	FWEIGHT	FCDLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369548.28	10205.14	0	3500	4.2990	3.8594	3500	3142	0	4096	4096

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	TIME	MODE	VERBNOUD	H	HOOT	TTF	RANGE	A8VEL	TTF LPO	VHDRIZ	DELTAH
DISPLAYS:	369548.60	63	6 63	26641	- 1363	- 3 10	288	17872	99 79	18005	- 21

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	COUTIME	CDUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRED
ATTITUDE:	369548.76	- 0.6372	72.5207	0.1977	- 0.0021	- 0.1003	0.0012		
	369548.76	0.1538	72.7844	0.1318	0.0604	- 0.2087	0.0549		

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	TIME	MASS		RN		VN		ALTITUDE
AGC	369548.759	+10175.86		+ 1329253.9	+ 1041141.9	+ 437013.9		+ 314.62 - 394.90 - 181.82   + 8036.12
ENV	369548.759	+10154.27		+ 1329244.6	+ 1038520.4	+ 443229.4		+ 314.56 - 396.21 - 179.28   + 8034.50
ERR	0.000	21.59		9.3	2621.5	6215.4		0.06 1.31 2.53   1.62
AGC	IN PCUNDS	+22433.71		+ 4361069.5	+ 3415820.2	+ 1433772.9		+1032.23 -1295.61 - 596.53   + 26365.23
ENV	ANO FOODS	+22386.10		+ 4361038.7	+ 3407219.4	+ 1454165.0		+1032.03 -1299.91 - 588.21   + 26359.91

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PIPTIME: 3.6954876000 05 P62: BRAKQUAO TP1P: 3.6954876000 05

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 P62: BRAKQUAO  
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	R	AND	PG		V	AND	VG	
1.74338537499	06	-2.07224999999	03	-4.97734999999	04	-2.62817382812	01	-1.17197990417 01 5.35897350311 02
7.26849999999	03	-1.92499999999	02	-5.17307499999	04	-2.55222320556	01	4.05387878417 00 5.40676498413 02

	LANO		TTF		CG		AFC	
1.73605649999	06	-3.37249999999	03	1.93274999999	03	-1.88478837890	02	0.99 -0.00 0.00 3.81532590836 00 0.00 0.99 0.02 -0.00 -0.02 0.99

TRANSIENT 0.294

	UNFC		UNWC	
3.19702523633	-01	1.05616126693	-02	-9.47459101344 -01 9.99591994424 -01 -1.18815899265 -03 -2.85382718738 -02

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	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369550.28	10175.86	0	3498	4.3090	3.8153	3498	3098	0	4096	4096

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	TIME	MODE	VERBNOU	H	HDOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
DISPLAYS:	369550.60	63	6 63	26365	- 1362	- 3 8	282	17607	99 78	17739	- 15

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	COUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369550.76	- 0.6372	72.3229	0.1867	- 0.0019	- 0.1165	0.0130	
	369550.76	0.1538	72.5427	0.1318	0.0659	- 0.2416	0.0659	OESIRE0

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369550.759	+10146.67	+ 1329877.9	+ 1040357.9	+ 436653.9	+ 309.15	- 389.38	- 179.38	+ 7952.31
ENV	369550.759	+10124.77	+ 1329868.2	+ 1037733.5	+ 442873.3	+ 309.09	- 390.70	- 176.83	+ 7951.06
ERR	0.000	21.89	9.7	2624.4	6219.3	0.05	1.31	2.54	1.25

	IN POUNDS	ANC FEET							
AGC	+22369.35	+ 4363116.7	+ 3413248.0	+ 1432591.8	+1014.29	-1277.51	- 588.52	+ 26090.26	
ENV	+22321.07	+ 4363084.9	+ 3404637.6	+ 1452996.6	+1014.10	-1281.84	- 580.18	+ 26086.15	

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PIPTIME: 3.6955076000 05

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P63: BRAKQUAD

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TPIP: 3.6955076000 05

R AND RG				V AND VG							
1.74333149999	06	-2.09562499999	03	-4.87098124999	04	-2.67780303955	01	-1.16480350494	01	5.27769517898	02
7.21624999999	03	-1.81624999999	02	-5.06576249999	04	-2.60334014892	01	3.85665893554	00	5.32550430297	02

LAND				TTF				CG			AFC	
1.73605649999	06	-3.37262499999	03	1.92362499999	03	-1.866024707C3	02	0.99	-0.00	0.00	3.77018237486	00
								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

UNFC				UNWC							
3.24575446853	-01	1.09289215949	-02	-9.457966684C8	-01	9.99609166761	-01	-1.20161473079	-03	-2.79297305573	-02

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THRDTITLE:	TIME	MASS	FWEIGHT	FCCLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369552.27	10146.67	0	3501	4.3240	3.7701	3501	3052	0	4096	4096

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DISPLAYS:	TIME	MODE	VERBNDUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
	369552.59	63	6 62	26090	- 1360	- 3 6	276	17341	99 78	17472	- 15

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ATTITUDE:	CDUTIME	CDUX	CDUY	CDUZ	DMEGAX	DMEGAY	DMEGAZ	ACTUAL DESIRED
	369552.76	- 0.6372	71.9714	0.1977	- 0.0022	- 0.2414	- 0.0073	
	369552.76	0.1538	72.1252	0.1318	0.0714	- 0.1757	0.0769	

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369552.759	+10116.94	+ 1330489.9	+ 1039583.9	+ 432255.9	+ 303.72	- 383.84	- 176.92	+ 7868.56	
ENV	369552.759	+10095.27	+ 1330481.0	+ 1036957.6	+ 442522.1	+ 303.66	- 385.16	- 174.37	+ 7867.76	
ERR	0.000	-21.66	8.9	2626.3	6226.1	0.06	1.31	2.55	0.79	
ACC	IN POUNDS	+22303.81	+ 4365124.6	+ 3410708.6	+ 1431417.3	+ 996.46	-1259.32	- 580.46	+ 25815.49	
ENV	ANO FOOT5	+22256.04	+ 4365095.3	+ 3402092.0	+ 1451844.2	+ 596.26	-1263.65	- 572.09	+ 25812.87	

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PIPTIME: 3.69552760000 05

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P63: 8RAKQUAD  
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TPIP: 3.69552760000 05

R AND RG				V ANO VG							
1.74327668749	06	-2.11887499999	03	-4.76623749999	04	-2.72247314453	01	-1.15762233734	01	5.19639730453	02
7.16287499999	03	-1.70749999999	02	-4.96007499999	04	-2.64945983886	01	3.65600585937	00	5.24422836303	02

LANO				TTF				CG			AFC	
1.73605649999	06	-3.37274999999	03	1.91449999999	03	-1.84739467773	02	0.99	-0.00	0.00	3.72332287952	00
TRANSIENT 0.296								0.00	0.59	0.02		
								-0.00	-0.02	0.99		

UNFC				UNWC							
3.29442061047	-01	1.13278557859	-02	-9.44107837111	-01	9.99625715068	-01	-1.21500343380	-03	-2.73304507802	-02

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	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369554.28	10116.94	0	3498	4.3340	3.7233	3498	3005	0	4096	4096

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	TIME	MODE	VERBNOUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
OISPLAYS:	369554.60	63	6 63	25815	- 1357	- 3 4	271	17076	99 78	17205	- 14

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	COUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369554.76	- 0.6481	71.5429	0.1867	- 0.0021	- 0.1363	- 0.0013	
	369554.76	0.1538	71.8835	0.1318	0.0769	- 0.2197	0.0878	OESIED

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369554.759	+10087.29	+ 1331091.9	+ 1038819.9	+ 435943.9	+ 298.33	- 378.23	- 174.45	+ 7785.31
ENV	369554.759	+10065.77	+ 1331082.9	+ 1036192.9	+ 442175.8	+ 298.27	- 379.56	- 171.89	+ 7784.70
ERR	0.000	21.52	9.0	2627.0	6231.8	0.05	1.33	2.56	0.60

AGC	IN POUNDS	+22238.44	+ 4367099.7	+ 3408202.0	+ 1430262.4	+ 978.77	-1240.93	- 572.36	+ 25542.36
ENV	AND FEET	+22191.00	+ 4367070.1	+ 3399583.1	+ 1450708.2	+ 978.58	-1245.30	- 563.94	+ 25540.37

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PIPTIME:	3.69554760000	05		P63: BRAKQUAC		TPIP:	3.69554760000	05
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	R AND RG				V AND VG						
1.74322124999	06	-2.14193749999	03	-4.66312499999	04	-2.76017665863	01	-1.15143775939	01	5.11488008499	02
7.10887499999	03	-1.59874999999	02	-4.85601249999	04	-2.68863677978	01	3.44009399414	00	5.16273117065	02

	LANO			TTF		CG		AFC		
1.73605649999	06	-3.37287499999	03	1.90537499999	03	-1.82892460937	02	0.99 -0.00 0.00	3.67393484339	00
	TRANSIENT	0.287				0.00 0.99 0.02				
						-0.00 -0.02 0.99				

	UNFC				UNWC						
3.34154609945	-01	1.18381953200	-02	-9.42443926068	-01	9.99641655312	-01	-1.22828780497	-03	-2.67404613467	-02

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFSET	REG55
	369556.28	10087.29	0	3504	4.3540	3.6739	3504	2957	0	4056	4096

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CISPLAYS:	TIME	MOOF	VERBNCUN	H	HOCT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
	369556.59	63	6 63	25542	- 1353	- 3 2	265	16809	99 78	16938	- 12

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ATTITUDE:	COUTIME	CDUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
	369556.76	- 0.6481	71.3781	0.1867	- 0.0024	- 0.1306	- 0.0127	
	369556.76	0.1538	71.4660	0.1538	0.0878	- 0.1428	0.1098	DESIREO

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369556.759	+10057.73	+ 1331681.9	+ 1038069.9	+ 435597.9	+ 292.97	- 372.60	- 171.96	+ 7702.31	
ENV	369556.759	+10036.27	+ 1331674.1	+ 1035439.4	+ 441834.5	+ 292.91	- 373.94	- 169.39	+ 7701.97	
ERR	0.000	21.46	7.8	2630.5	6236.5	0.06	1.33	2.57	0.33	
AGC	IN FCUNDS	+22173.29	+ 4369035.4	+ 3405741.4	+ 1429127.2	+ 961.21	-1222.45	- 564.18	+ 25270.05	
ENV	AND FOOTS	+22125.96	+ 4369009.6	+ 3397111.0	+ 1449588.5	+ 961.00	-1226.83	- 555.75	+ 25268.96	

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PIPTIME: 3.69556760000 05 P63: BRAKQUAO TP1P: 3.69556760000 05

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 P63: BRAKQUAO  
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R AND RG				V AND VG							
1.7431656249	06	-2.16487499999	03	-4.56164374999	04	-2.79291629791	01	-1.14424705505	01	5.03334426879	02
7.05412499999	03	-1.48374999999	02	-4.75358749999	04	-2.72281646728	01	3.22341918945	00	5.08121490478	02

LAND				TTF				CG		AFC		
1.73605649999	06	-3.37299999999	03	1.89624999999	03	-1.8166395507	02	0.99	-0.00	0.00	3.62266087904	00
								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

UNFC				UNWC							
3.38848631165	-01	1.22923909087	-02	-9.40760597752	-01	9.99657003910	-01	-1.24149769400	-03	-2.61597633057	-02

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THRCTL	TIME	MASS	FWEIGHT	FCCLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369558.27	10057.73	0	3502	4.3640	3.6226	3502	2907	0	4096	4096

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DISPLAYS	TIME	MODE	VERBNOUN	H	HDDT	TTF	RANGE	ARVEL	TTF LPD	VHORIZ	DELTAH
	369558.59	63	6 63	25270	- 1347	- 3 1	259	16543	99 78	16670	- 13

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ATTITUDE	COUTIME	CDUX	CDUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRED
	369558.76	- 0.6481	70.9606	0.2526	- 0.0005	- 0.1225	0.0722		
	369558.76	0.1538	71.2463	0.3515	0.0933	- 0.1757	0.0329		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369558.759	+10028.26	+ 1332261.9	+ 1037329.9	+ 435255.9	+ 287.65	- 366.93	- 169.45	+ 7619.81
ENV	369558.759	+10006.76	+ 1332254.6	+ 1034697.2	+ 441498.3	+ 287.58	- 368.27	- 166.87	+ 7619.64
ERR	0.000	21.50	7.3	2632.7	6242.3	0.06	1.34	2.58	0.17

	IN POUNDS	AND FEET							
AGC	+22108.31		+ 4370938.3	+ 3403313.6	+ 1428005.2	+ 943.74	-1203.86	- 555.95	+ 24999.38
ENV	+22060.91		+ 4370914.1	+ 3394675.8	+ 1448485.3	+ 943.53	-1208.25	- 547.49	+ 24998.82

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PIPTIME: 3.69558760000 05

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P63: 8RAKQUAC

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TPIP: 3.69558760000 05

R AND RG				V AND VG							
1.74310831249	06	-2.18768749999	03	-4.46179374999	04	-2.82069683074	01	-1.13705635070	01	4.95168972015	02
6.99874999999	03	-1.37499999999	02	-4.65278749999	04	-2.75203704833	01	3.01017761230	00	4.99957656860	02

LANO				TTF				CG			AFC	
1.73605649999	06	-3.37312499999	03	1.88712499999	03	-1.79243623046	02	0.99	-0.00	0.00	3.56911448761	00
								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

TRANSIENT 0.288

UNFC				UNWC							
3.43555232630	-01	1.27912422840	-02	-9.39045358956	-01	9.99671776722	-01	-1.25463306546	-03	-2.55883707866	-02

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369560.28	10028.26	0	3500	4.3740	3.5691	3500	2856	0	4096	4096

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OISPLAYS:	TIME	MODE	VERBNOUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
	369560.59	63	6 62	24999	- 1339	- 2 59	254	16276	99 78	16403	- 12

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ATTITUDE:	CDUTIME	CDUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIREO
	369560.76	- 0.6591	70.7629	0.2526	- 0.0022	- 0.0902	- 0.0046		
	369560.76	0.1538	71.0266	0.3515	0.0988	- 0.2087	0.0549		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369560.759	+ 9998.87	+ 1332831.9	+ 1036601.9	+ 434919.9	+ 282.36	- 361.23	- 166.92	+ 7537.87
ENV	369560.759	+ 9977.25	+ 1332824.5	+ 1033966.3	+ 441167.1	+ 282.29	- 362.57	- 164.33	+ 7537.77
ERR	0.000	21.61	7.4	2635.6	6247.1	0.06	1.34	2.59	0.09
AGC	IN PCUNOS	+22043.52	+ 4372808.3	+ 3400925.1	+ 1426902.8	+ 926.38	-1185.15	- 547.65	+ 24730.56
ENV	ANO FOOTS	+21995.86	+ 4372783.8	+ 3392278.0	+ 1447398.6	+ 926.17	-1189.56	- 539.15	+ 24730.24

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RIRTIME: 3.69560760000 05

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R63: BRAKQUAO  
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TPIP: 3.69560760000 05

R AND RG

V ANO VG

1.7430511874	06	-2.21037499999	03	-4.36357499999	04	-2.84351348876	01	-1.12885951995	01	4.86991643905	02
6.94299999999	03	-1.26749999999	02	-4.55362499999	04	-2.77629852294	01	2.80494689541	00	4.91781616210	02

LAND

TTF

CG

AFG

1.73605649999	06	-3.37324999999	03	1.87799999999	03	-1.77443471675	02	0.99 -0.00 0.00	2.51416412740	00
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TRANSIENT 0.282

0.00	0.99	0.02
-0.00	-0.02	0.99

UNFC

UNWC

3.48162778367	-01	1.32151987237	-02	-9.37340940257	-01	9.99685990446	-01	-1.26771628243	-03	-2.50262542348	-02
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	TIME	MASS	FWEIGHT	FCOLO	AF	AFG	FR	FC	PIF	RIFRSET	REG55
THROTTLE:	369562.28	9998.87	0	3501	4.3890	3.5141	3501	2803	0	4096	4096

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	TIME	MODE	VERBNOUN	H	HOOT	TTF	RANGE	ARVEL	TTF LPO	VHORIZ	DELTAH
DISPLAYS:	369562.55	63	6 63	24731	- 1331	- 2 57	249	16008	99 78	16134	- 9

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	COUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369562.76	- 0.6591	70.5541	0.3295	- 0.0013	- 0.1309	0.0353	
	369562.76	0.1538	70.7849	0.3515	0.1043	- 0.2197	0.0769	DESIRED

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369562.759	+ 9969.57	+ 1333389.9	+ 1035883.9	+ 434587.9	+ 277.08	- 355.50	- 164.38	+ 7456.43
ENV	369562.759	+ 9947.75	+ 1333383.8	+ 1033246.9	+ 440840.9	+ 277.02	- 356.85	- 161.77	+ 7456.45
ERR	0.000	21.82	6.1	2637.0	6252.9	0.06	1.34	2.60	0.01

AGC	IN POUNOS	+21978.93	+ 4374639.1	+ 3398569.5	+ 1425813.6	+ 909.07	-1166.36	- 539.30	+ 24463.37
ENV	ANO FOOTS	+21930.81	+ 4374618.9	+ 3389917.6	+ 1446328.7	+ 908.87	-1170.76	- 530.75	+ 24463.42

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PIPTIME:	3.69562760000	05		TPIP:	3.69562760000	05

R AND RG				V AND VG							
1.74299362499	06	-2.23287499999	03	-4.26699374999	04	-2.86335945129	01	-1.12065792083	01	4.78802633285	02
6.88674959999	03	-1.16874999999	02	-4.45609999999	04	-2.79754638671	01	2.60314941406	00	4.83593750000	02

LAND				TTF				CG			AF	
1.73605649999	06	-3.37337499999	03	1.86874999999	03	-1.75660815429	02	0.99	-0.00	0.00	3.45618231222	00
								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

UNFC				UNWC							
3.530337C1994	-01	1.37198442416	-02	-9.35510005855	-01	9.99699659025	-01	-1.28067283788	-03	-2.44734881332	-02

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369564.27	9969.57	0	3499	4.3990	3.4561	3499	2749	0	4096	4096

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DISPLAYS:	TIME	MODE	VERBNOUN	H	FOOT	TTF	RANGE	A8VEL	TTF LPD	VHORIZ	DELTAH
	369564.59	63	6 63	24463	- 1322	- 2 55	243	15741	99 78	15866	- 9

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ATTITUDE:	COUTIME	CDUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRE
	369564.76	- 0.6591	70.2465	0.3845	- 0.0024	- 0.1814	- 0.0213		
	369564.76	0.1757	70.3674	0.3515	0.1153	- 0.1647	0.0988		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369564.759	+ 9939.75	+ 1333939.9	+ 1035177.9	+ 434261.9	+ 271.84	- 349.73	- 161.79	+ 7375.43
ENV	369564.759	+ 9918.24	+ 1333932.6	+ 1032538.9	+ 440520.0	+ 271.78	- 351.09	- 159.18	+ 7375.71
ERR	0.000	21.51	7.3	2639.0	6258.0	0.06	1.35	2.61	0.27
AGC	IN POUNDS	+21913.18	+ 4376443.5	+ 3396252.2	+ 1424744.0	+ 891.87	-1147.43	- 530.83	+ 24197.62
ENV	AND FOOTS	+21865.75	+ 4376419.4	+ 3387595.0	+ 1445275.7	+ 891.66	-1151.87	- 522.26	+ 24198.54

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PIPTIME: 3.6956476000 05

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P63: BRAKQUAD  
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TP1P: 3.6956476000 05

P AND RG

V AND VG

1.74293556249	06	-2.25518749999	03	-4.17205624959	04	-2.87724494934	01	-1.11045837402	01	4.70591831207	02
6.82999999999	03	-1.06959999999	02	-4.36021249999	04	-2.81280517578	01	2.4185180664C	00	4.75383377075	02

LANO

TTF

CG

AF

1.73605649999	06	-3.37349599999	03	1.85974999999	03	-1.73896567382	02	0.99 -0.00 0.00	3.39611899107	00
								0.00 0.99 0.02		
								-0.00 -0.02 0.99		

TRANSIENT 0.294

UNFC

UNWC

3.57833548974	-01	1.40509299584	-02	-9.33679668085	-01	9.99712797767	-01	-1.29353999483	-03	-2.39300801224	-02
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	TIME	MASS	FWEIGHT	FCOLO	AF	AF	FP	FC	PIF	PIFSET	REG55
THROTTLE:	369566.2P	9939.75	0	3504	4.4190	3.3961	3504	2693	0	4096	4096

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	TIME	MODE	VERRNDUN	H	FOOT	TTF	RANGE	ARVEL	TTF LPO	VHOR12	DELTAH
DISPLAYS:	369566.59	63	6 63	24198	- 1312	- 2 53	238	15472	99 78	15596	- 13

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	COUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369566.76	- 0.6042	65.8840	0.3955	0.1132	- 0.1277	- 0.0013	
	369566.76	0.3735	70.1477	0.3515	0.0109	- 0.2087	0.0988	DESIRE0

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369566.759	+ 9910.02	+ 1334477.9	+ 1034483.9	+ 433941.9	+ 266.63	- 343.94	- 159.20	+ 7295.12	
ENV	369566.759	+ 9888.71	+ 1334470.9	+ 1031842.5	+ 440204.2	+ 266.57	- 345.29	- 156.58	+ 7295.64	
ERR	0.000	21.31	7.0	2641.4	6262.2	0.05	1.35	2.62	0.52	
AGC	IN POUNDS	+21847.64	+ 4378208.6	+ 3393976.3	+ 1423654.2	+ 874.79	-1128.41	- 522.31	+ 23934.13	
ENV	AND FOOTS	+21800.66	+ 4378185.6	+ 3385310.3	+ 1444235.7	+ 874.59	-1132.84	- 513.71	+ 23935.84	

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PIPTIME: 3.69566760000 05

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P63: BRAKQUAO  
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TPIP: 3.69566760000 05

R AND RG				V AND VG							
1.74287724959	06	-2.27731249999	03	-4.07875674959	04	-2.88616657257	01	-1.10025405883	01	4.62379264831	02
6.77299999999	03	-5.87499999999	01	-4.26597499999	04	-2.82318115234	01	2.24761962890	00	4.67171096801	02

LAND				TTF				CG			AFC	
1.73605649999	06	-3.37362499999	03	1.85062459595	03	-1.72150161132	02	0.99	-0.00	0.00	3.33381583514	00
TRANSIENT 0.293								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

UNFC				UNWC							
3.62588425854	-01	1.44741497504	-02	-9.31836966670	-01	9.99725422347	-01	-1.30628794247	-03	-2.33960151343	-02

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	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369568.28	9910.02	0	3502	4.4290	3.3338	3502	2636	0	4096	4096

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	TIME	MODE	VERBNOUN	H	H00T	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
DISPLAYS:	369568.59	63	6 63	23934	- 1300	- 2 52	233	15203	99 77	15327	- 12

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	CDUTIME	CDUX	CDUY	CDUZ	DMEGAX	DMEGAY	DMEGAZ	ACTUAL
ATTITUDE:	369568.76	- 0.3735	69.6643	0.4614	0.1135	- 0.0805	0.0141	
	369568.76	0.3735	69.9060	0.3735	0.0164	- 0.2416	0.1098	CESTREC

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369568.759	+ 9880.38	+ 1335003.9	+ 1033801.9	+ 433625.9	+ 261.46	- 338.09	- 156.58	+ 7215.43	
ENV	369568.759	+ 9859.20	+ 1334998.9	+ 1031157.8	+ 439893.7	+ 261.40	- 339.45	- 153.95	+ 7216.33	
ERR	0.000	21.18	5.0	2644.1	6267.7	0.05	1.36	2.63	0.89	
AGC	IN PCUNDS	+21782.29	+ 4379934.3	+ 3391738.8	+ 1422657.4	+ 857.82	-1109.22	- 513.73	+ 23672.69	
ENV	AND FOOTS	+21735.59	+ 4379917.9	+ 3383063.6	+ 1443220.8	+ 857.63	-1113.70	- 505.09	+ 23675.63	

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PIPTIME: 3.69568760000 05

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 P63: 8RAKQUAO  
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TP1P: 3.69568760000 05

R AND RG				V AND VG							
1.74281874999	06	-2.29918749999	03	-3.98710624999	04	-2.88912296295	01	-1.09004497528	01	4.54145002365	02
6.71574999999	03	-9.06249999999	01	-4.17337499999	04	-2.82745361328	01	2.07519531250	00	4.58937454223	02

LANO				TTF				CG		AFC		
1.73605649999	06	-3.37374999999	03	1.84149999999	03	-1.70423554687	02	0.99	-0.00	0.00	3.26945912092	00
								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

TRANSIENT 0.287

UNFC				UNWC							
3.67234596273	-01	1.49157297833	-02	-9.30008748509	-01	9.99737546604	-01	-1.31889431785	-03	-2.28713451284	-02

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	TIME	MASS	FWIGHT	FCOLD	AF	AFC	FP	FC	PIF	P1PSET	REG55
THROTTLE:	369570.27	9880.38	0	3507	4.4489	3.2694	3507	2577	0	4096	4096

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	TIME	MODE	VERBNOUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPO	VHOR1Z	DELTAH
DISPLAYS:	369570.59	63	6 63	23673	- 1287	- 2 50	228	14934	99 77	15057	- 13

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	CDUTIME	CDUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDEF:	369570.76	- 0.1428	69.3566	0.6262	0.1163	- 0.2117	0.1367	
	369570.76	0.3735	69.4885	0.5712	0.0274	- 0.1647	0.0219	DESIRED

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369570.759	+ 9850.82	+ 1335521.9	+ 1033131.9	+ 433313.9	+ 256.32	- 332.22	- 153.93	+ 7136.56
ENV	369570.759	+ 9829.68	+ 1335516.6	+ 1030484.7	+ 439588.4	+ 256.26	- 333.59	- 151.29	+ 7137.85
ERR	0.000	21.13	5.3	2647.2	6274.4	0.05	1.36	2.64	1.29

	IN POUNDS	AND FEET							
AGC	+21717.12		+ 4381633.8	+ 3389540.6	+ 1421633.8	+ 840.95	-1089.98	- 505.05	+ 23413.91
ENV	+21670.52		+ 4381616.2	+ 3380855.5	+ 1442219.3	+ 840.76	-1094.47	- 496.38	+ 23418.15

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PIPTIME:	3.69570760000	05		P63: 8RAKQUAD	TPIP:	3.69570760000	05
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	R AND RG			V AND VG							
1.74276018749	06	-2.32087499999	03	-3.89709999999	04	-2.88811683654	01	-1.07782840728	01	4.45909070968	02
6.65824999999	03	-8.24999999999	01	-4.08242499999	04	-2.82787322998	01	1.91879272460	00	4.50701141357	02

	LAND			TTF	CG		AFC			
1.73605662499	06	-3.37387499999	03	1.83237499999	03	-1.68715683593	C2	0.99 -0.00 0.00	3.20168910548	00
								0.00 0.99 0.02		
								-0.00 -0.02 0.99		

	UNFC			UNWC							
3.72098795188	-01	1.52023540411	-02	-9.28068626261	-01	9.99749185750	-01	-1.33139640377	-03	-2.23560482741	-02

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THROTTLE:	TIME	MASS	WEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369572.31	9850.82	0	3501	4.4539	3.2016	3501	2516	0	4096	4096

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DISPLAYS:	TIME	MODE	VERBNOUN	H	HDOT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	OELTAH
	369572.62	63	6 63	23414	- 1273	- 2 48	223	14664	99 77	14786	- 13

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ATTITUDE:	COUTIME	CDUX	CDUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	OES IREO
	369572.76	0.0878	69.0380	0.6521	0.1123	- 0.0638	- 0.0414		
	369572.76	0.3735	69.2687	0.5712	0.0329	- 0.2087	0.0329		

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369572.759	+ 9821.35	+ 1336029.9	+ 1032471.9	+ 433009.9	+ 251.22	- 326.32	- 151.24	+ 7059.37	
ENV	369572.759	+ 9800.16	+ 1336024.0	+ 1029823.4	+ 439288.5	+ 251.16	- 327.69	- 148.59	+ 7060.27	
ERR	0.000	21.19	5.9	2648.5	6278.5	0.06	1.37	2.64	0.89	

	IN PCUNOS	ANO FOOTS	MASS	RN	VN	ALTITUDE
AGC			+21652.16	+ 4383300.5	+ 3387375.3	+ 1420636.4
ENV			+21605.45	+ 438281.1	+ 3378685.8	+ 1441235.4
					+ 824.23	-1070.62
					+ 824.02	-1075.12
						- 496.21
						+ 23160.67
						+ 23163.61

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PIPTIME: 3.6957276000 05

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P63: BRAKQUAO  
|||||||

TP1P: 3.6957276000 05

P AND RG				V ANO VG							
1.74270249999	06	-2.34224999999	03	-3.80874374999	04	-2.88014411926	01	-1.06261730194	01	4.37661552429	02
6.60174999999	03	-7.58749999999	01	-3.99312499999	04	-2.82127380371	01	1.80702209472	00	4.42452239990	02

LANO				TTF				CG			AFC	
1.73605662499	06	-3.37399999999	03	1.82324999999	03	-1.67029067382	02	0.99	-0.00	0.00	3.13151860609	00
								0.00	0.59	0.02		
								-0.00	-0.02	0.99		

TRANSIENT 0.277

UNFC				UNWC							
3.76586264665	-01	1.52322243077	-02	-9.26256340568	-01	9.99760353892	-01	-1.34371221309	-03	-2.18501538435	-02

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	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369574.05	9821.35	0	3506	4.4739	3.1315	3506	2454	0	4096	4096

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	TIME	MODE	VERBNOUN	H	HOOT	TTF	RANGE	ARVEL	TTF LPD	VHORIZ	OELTAH
OISPLAYS:	369574.40	63	6 63	23161	- 1257	- 2 46	219	14394	99 77	14516	0

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	COUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369574.76	0.3186	68.8623	0.6262	0.1126	- 0.1319	- 0.0295	OESIRE0
	369574.76	0.3735	69.0051	0.5712	0.0384	- 0.2307	0.0219	

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AGC   TIME | MASS | RN | VN | ALTITUDE
369574.759 | + 9791.97 | + 1336527.9 + 1031825.9 + 432709.9 | + 246.14 - 320.39 - 148.55 | + 6983.56
ENV 369574.759 | + 9770.65 | + 1336521.3 + 1029173.9 + 438994.0 | + 246.08 - 321.77 - 145.89 | + 6983.68
ERR   0.000 | 21.32 | 6.6 2652.0 6284.0 | 0.05 1.37 2.65 | 0.12

AGC IN POUNDS | MASS | RN | VN | ALTITUDE
ENV AND FOOTS | +21587.39 | + 4384934.3 + 3385255.9 + 1419652.2 | + 807.56 -1051.16 - 487.37 | + 22911.95
                +21540.37 | + 4384912.4 + 3376555.0 + 1440269.2 | + 807.37 -1055.68 - 478.64 | + 22912.35

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PIPTIME: 3.6957476000 05
P62: BRAKOUAC
TPIP: 3.6957476000 05

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R AND RG V AND VG
1.74264537499 06 -2.36337499999 03 -3.72203749999 04 -2.86920547485 01 -1.04840278625 01 4.29402446746 02
6.54587499999 03 -7.16249999999 01 -3.90547499999 04 -2.81169891357 01 1.70898437500 00 4.34191894531 02

LAND TTF CG AFC
1.73605662499 06 -3.37412499999 03 1.81412499999 03 -1.65362188476 02 0.99 -0.00 0.00 3.05952504277 00
0.00 0.99 0.02
TRANSIENT 0.283 -0.00 -0.02 0.99

UNFC UNWC
3.81154056118 -01 1.54422572999 -02 -9.24382562683 -01 9.99771065129 -01 -1.35589390873 -03 -2.13536619952 -02

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THROTTLE: TIME MASS FWEIGHT FCOLD AF AFC FP FC PIF PIFPSET REG55
369576.01 9791.97 0 3503 4.4839 3.0595 3503 2390 0 4096 4096

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DISPLAYS: TIME MDOE VERBNOU H FDC TTF RANGE ABVEL TTF LPO VHORIZ DELTAH
369576.32 63 6 63 22912 - 1240 - 2 45 214 14123 99 77 14245 7

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ATTITUDE: COUTIME COUX COUY COUZ OMEGAX OMEGAY OMEGAZ ACTUAL DESIRED
369576.76 0.5493 68.4448 0.5603 0.1129 - 0.2394 - 0.0192
369576.76 0.3735 68.6206 0.5712 0.0439 - 0.1757 0.0219 0.0219

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369576.759	+ 9762.69	+ 1337013.9	+ 1031191.9	+ 432415.5	+ 241.11	- 314.42	- 145.85	+ 6908.74	
ENV	369576.759	+ 9741.13	+ 1337008.4	+ 1028536.4	+ 438705.0	+ 241.04	- 315.80	- 143.17	+ 6908.14	
ERR	0.000	21.56	5.5	2655.5	6289.0	0.06	1.37	2.67	0.60	

AGC	IN FCUNDS	+21522.83	+ 4386528.8	+ 3383175.8	+ 1418687.6	+ 791.05	-1031.57	- 478.51	+ 22666.50
ENV	AND FOOTS	+21475.29	+ 4386510.6	+ 3374463.3	+ 1439320.8	+ 790.83	-1036.09	- 469.75	+ 22664.52

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PIPTIME:	3.69576760000 05		P63: 8RAKQUAD	PTIP:	3.69576760000 05

R AND RG				V AND VG							
1.74258843749	06	-2.38418749999	03	-3.63698124999	04	-2.85230159759	01	-1.03517532348	01	4.21141767501	02
6.48999999999	03	-6.64999999999	01	-3.81547499999	04	-2.79613494873	01	1.590347290C3	00	4.25930404663	02

LAND				TTF				CG			AFC	
1.73605662499	06	-3.37424999999	03	1.80499999999	03	-1.63717480468	02	0.99	-0.00	0.00	2.98337778076	00
								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

UNFC				UNWC							
3.85788658820	-01	1.57724051187	-02	-9.22452352136	-01	9.99781333289	-01	-1.36788934521	-03	-2.08665877659	-02

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THRATTLE:	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369578.08	9762.69	0	3500	4.4939	2.9833	3500	2324	0	4096	4096

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DISPLAYS:	TIME	MODE	VERBNOUN	H	HDOT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
	369578.39	63	6 63	22667	- 1222	- 2 43	209	13852	99 77	13974	4

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ATTITUDE:	CDUTIME	CDUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRED
	369578.76	0.7800	68.1591	0.4174	0.1125	- 0.0829	- 0.0281		
	369578.76	0.3735	68.4008	0.5712	0.0494	- 0.1977	0.0329		

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	TIME	MASS		RN		VN	ALTITUDE
AGC	369578.759	+ 9732.89	+ 1337491.9	+ 1030569.9	+ 432125.9	+ 236.11 - 308.39 - 143.14	+ 6835.06
ENV	369578.759	+ 9711.60	+ 1337485.5	+ 1027910.8	+ 438421.3	+ 236.05 - 309.78 - 140.46	+ 6833.75
ERR	0.000	21.29	6.4	2659.1	6295.3	0.05 1.38 2.68	1.30
AGC	IN PCUNOS	+21457.14	+ 4388097.1	+ 3381135.1	+ 1417736.2	+ 774.64 -1011.79 - 469.64	+ 22424.74
ENV	ANO FOOTS	+21410.21	+ 4388075.9	+ 3372410.8	+ 1438390.2	+ 774.45 -1016.34 - 460.83	+ 22420.46

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PIPTIME:	3.6957876000	05		P63: BRAKQUAD		TPIP:	3.6957876000	05			
	R ANO RG			V ANO VG							
1.74253193749	06	-2.40474999999	03	-3.55358124999	04	-2.82942771911	01	-1.02394580841	01	4.12859487533	02
6.43462499999	03	-6.08749999999	01	-3.73512499999	04	-2.77458190917	01	1.44271850585	00	4.17647933959	02
	LANO			TTF		CG		AFC			
1.73605662499	06	-3.37437499999	03	1.79587499999	03	-1.62096220703	02	0.99 -0.00 0.00		2.90464144200	00
	TRANSIENT	0.279				0.00 0.99 0.02		-0.00 -0.02 0.99			
	UNFC			UNWC							
3.50249014653	-01	1.63634789947	-02	-9.20563926686	-01	9.99791171792	-01	-1.37974321382	-03	-2.03889458691	-02

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369580.00	9732.89	0	3505	4.5139	2.9046	3505	2255	0	4096	4096

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OISPLAYS:	TIME	MOOE	VERBNOUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	OELTAH
	369580.32	63	6 63	22425	- 1203	- 2 42	205	13581	99 77	13702	6

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ATTITUDE:	COUTIME	CDUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	OESIREQ
	369580.76	0.9997	67.9943	0.4614	0.1146	- 0.0839	0.0648		
	369580.76	0.3735	68.1262	0.5712	0.0604	- 0.2307	0.0659		

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369580.759	+ 9703.18	+ 1337959.9	+ 1029957.9	+ 431843.9	+ 231.14	- 302.32	- 140.43	+ 6762.49	
ENV	369580.759	+ 5682.08	+ 1337952.6	+ 1027297.3	+ 438143.1	+ 231.08	- 303.72	- 137.74	+ 6760.61	
ERR	0.000	21.09	7.3	2660.6	6299.1	0.05	1.39	2.69	1.88	
AGC	IN POUNDS	+21391.63	+ 4389632.5	+ 3379127.2	+ 1416811.0	+ 758.34	- 991.88	- 460.74	+ 22186.67	
ENV	ANO FOOT5	+21345.12	+ 4389608.4	+ 3370398.0	+ 1437477.5	+ 758.14	- 996.46	- 451.91	+ 22180.48	

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PIPTIME: 3.6958076000 05 P63: BRARQUAD TPIP: 3.6958076000 05

R AND RG				V ANO VG							
1.74247581245	06	-2.42512499999	03	-3.47183749999	04	-2.80158042907	01	-1.01371288299	01	4.04565668106	02
6.37962499999	03	-5.37499999999	01	-2.65242499999	04	-2.74806976318	01	1.26457214355	00	4.09354015165	02

LANO				TTF				CG			AFC		
1.73605662495	06	-3.37449999999	03	1.78674999999	03	-1.60498925781	02	0.99	-0.00	0.00	2.82255234156	00	
TRANSIENT 0.285								0.00	0.99	0.02			
								-0.00	-0.02	0.99			

UNFC				UNWC							
3.94778361296	-01	1.71082914141	-02	-9.18617086612	-01	9.99800593515	-01	-1.39150023579	-03	-1.99207663706	-02

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THROTTLE:	TIME	MASS	FWFIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369581.99	9703.18	0	3506	4.5289	2.8225	3506	2185	0	4096	4096

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DISPLAYS:	TIME	MODE	VERBNOUN	H	FOOT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
	369582.31	63	6 63	22187	- 1182	- 2 40	200	13309	99 77	13430	4

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ATTITUDE:	COUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRED
	369582.76	1.2414	67.5439	0.5712	0.1139	- 0.2692	0.0272		
	369582.76	0.3735	67.7416	0.6262	0.0714	- 0.1538	0.1098		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369584.759	+ 9645.22	+ 1338863.9	+ 1028773.9	+ 431291.9	+ 221.41	- 290.41	- 135.05	+ 6621.12
ENV	369584.759	+ 9624.44	+ 1338857.2	+ 1026106.7	+ 437603.1	+ 221.35	- 291.80	- 132.34	+ 6618.29
ERR	0.000	20.77	6.7	2667.2	6311.1	0.06	1.39	2.71	2.82

AGC IN POUNDS +21263.85 | + 4392598.4 + 3375242.7 + 1414999.9 | + 726.43 - 952.79 - 443.09 | + 21722.85  
 ENV AND FOOTS +21218.05 | + 4392576.4 + 3366491.9 + 1435705.9 | + 726.23 - 957.38 - 434.19 | + 21713.57

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PIPTIME: 3.69584760000 05 P63: 8RAKQUAC TPIP: 3.69584760000 05  
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R AND RG				V AND VG							
1.7423651F749	06	-2.46512499999	03	-3.31329999999	04	-2.74298667907	01	-9.88235473632	00	3.88283491134	02
6.27112499999	03	-3.54999999999	01	-3.49199999999	04	-2.69203186035	01	9.60922241210	-01	3.93070220947	02

LAND				TTF				CG				AFC			
1.73605662499	06	-3.37474999999	03	1.76849999999	03	-1.57334340820	02	0.99	-0.00	0.00	2.65723327174	00	0.00	0.99	0.02
TRANSIENT 0.280								-0.00 -0.02 0.99							

UNFC				UNWC							
4.03922543306	-01	1.79948138813	-02	-9.14616184900	-01	9.99818242366	-01	-1.41456723111	-03	-1.90126597744	-02

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	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369585.95	9645.22	- 120	2045	4.3840	2.6572	2215	2045	- 170	0	- 170

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	TIME	MODE	VERBNOUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
DISPLAYS:	369586.27	63	6 63	21723	- 1141	- 2 37	192	12774	99 76	12896	2

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	COUTIME	CDUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369586.76	1.5710	67.0935	0.7580	0.0651	- 0.0957	- 0.0088	
	369586.76	0.3735	67.3022	0.7910	0.0878	- 0.2087	0.0439	DESIRED

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369586.759	+ 9626.96	+ 1339303.9	+ 1028195.9	+ 431023.9	+ 217.46	- 287.33	- 133.62	+ 6550.81
ENV	369586.759	+ 9606.31	+ 1339296.0	+ 1025526.3	+ 437339.9	+ 217.40	- 288.73	- 130.91	+ 6547.69
ERR	0.000	20.65	7.9	2669.6	6315.9	0.05	1.40	2.70	3.12

	IN POUNDS	AND FEET							
AGC	+21223.61		+ 4394041.9	+ 3373346.4	+ 1414120.7	+ 713.46	- 942.69	- 438.39	+ 21492.16
ENV	+21178.07		+ 4394015.7	+ 3364587.8	+ 1434842.5	+ 713.27	- 947.30	- 429.50	+ 21481.92

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PIPTIME: 3.6958676000 05

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P63: BRAKQUAO  
|||||||

TIPTIME: 3.6958676000 05

R AND RG				V AND VG							
1.74230937499	06	-2.48481249999	03	-3.23615624999	04	-2.83919811248	01	-9.77993011474	00	3.83163356781	02
6.21624999999	03	-3.44999999999	01	-3.41391249999	04	-2.78919219970	01	8.84246826171	-01	3.87949752807	02

LAND				TTF				CG			AFC	
1.73605662499	06	-3.37487499999	03	1.75937499999	03	-1.55376152343	02	0.99	-0.00	0.00	2.65488168224	00
								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

TRANSIENT 0.418

UNFC				UNWC							
4.10600643341	-01	1.80107464492	-02	-9.11637386629	-01	9.99826532359	-01	-1.42591446178	-03	-1.85707285401	-02

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	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369587.95	9626.96	- 6	2039	2.8243	2.6548	2049	2039	- 10	0	- 10

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	TIME	MODE	VERBNOUM	H	HDOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
DISPLAYS:	369588.27	63	6 63	21492	- 1163	- 2 35	187	12609	99 76	12728	- 0

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	CDUTIME	CDUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	
ATTITUDE:	369588.76	1.7028	66.8737	0.8020	0.0650	- 0.1323	- 0.0149	ACTUAL
	369588.76	0.3735	67.0166	0.7910	0.0933	- 0.2966	0.0439	DESIRED

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369588.759	+ 9610.51	+ 1339733.9	+ 1027623.9	+ 430757.9	+ 213.65	- 284.67	- 132.38	+ 6478.99
ENV	369588.759	+ 9589.59	+ 1339727.0	+ 1024951.5	+ 437079.4	+ 213.59	- 286.07	- 129.66	+ 6475.42
ERR	0.000	20.91	6.9	2672.4	6321.4	0.05	1.40	2.71	3.57
AGC	IN PCUNDS	+21187.33	+ 4395452.7	+ 3371469.8	+ 1413248.0	+ 700.95	- 933.98	- 434.31	+ 21256.56
ENV	AND FODTS	+21141.21	+ 4395429.8	+ 3362701.9	+ 1433987.5	+ 700.76	- 938.58	- 425.41	+ 21244.83

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PIPTIME: 3.6958876000 05

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P63: BRAKQUAD  
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TPIP: 3.6958876000 05

R AND PG				V AND VG							
1.7422514999	06	-2.5042499999	03	-3.1599937499	04	-2.9534339904	01	-9.6873760223	00	3.7849154472	02
6.1593749999	03	-3.2374999999	01	-3.3367999999	04	-2.90431976318	01	8.40759277343	-01	3.83278274536	02

LAND				TTF				CG		AFC		
1.73605662499	06	-3.3749999999	03	1.7502499999	03	-1.53361860351	02	0.99	-0.00	0.00	2.66532879322	00
								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

UNFC				UNWC							
4.17722468435	-01	1.81393239835	-02	-9.08393584460	-01	9.99834525123	-01	-1.43713504437	-03	-1.81344151953	-02

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THRTITLE:	TIME	MASS	FWEIGHT	PCDLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369589.95	9610.51	46	2043	2.5844	2.6653	1975	2043	68	0	68

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DISPLAYS:	TIME	MODE	VERBNDUN	H	HDDT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
	369590.27	63	6 63	21257	- 1193	- 2 33	183	12459	99 76	12574	2

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ATTITUDE:	CDUTIME	CDUX	CDUY	CDUZ	OMEGAX	DMEGAY	OMEGAZ	ACTUAL	DESIRED
	369590.76	1.8347	66.4782	0.7141	0.0648	- 0.1919	- 0.0234		
	369590.76	0.3735	66.5771	0.7910	0.1043	- 0.3186	0.0439		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369590.759	+ 9594.08	+ 1340157.9	+ 1027055.9	+ 430493.9	+ 209.85	- 281.98	- 131.12	+ 6405.31
ENV	369590.759	+ 9572.79	+ 1340150.4	+ 1024382.0	+ 436821.3	+ 209.80	- 283.38	- 128.40	+ 6401.39
ERR	0.000	21.28	7.5	2673.9	6327.3	0.05	1.40	2.71	3.91

AGC	IN POUNDS	+21151.12	+ 4396843.8	+ 3369606.2	+ 1412381.8	+ 688.50	- 925.14	- 430.18	+ 21014.80
ENV	AND FOOT5	+21104.19	+ 4396818.9	+ 3360833.4	+ 1433140.8	+ 688.32	- 929.74	- 421.28	+ 21001.96

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PIPTIME:	3.69590760000	05		P63: BRAKQUAD	TPIP:	3.69590760000	05
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R AND RG				V AND VG							
1.74219124999	06	-2.52356249999	03	-3.08476249999	04	-3.06370258331	01	-9.59477424621	00	3.73798418045	02
6.10012499999	03	-3.04999999999	01	-3.26063749999	04	-3.01548004150	01	7.99179077148	-01	3.78585052490	02

LAND				TTF				CG		AFC		
1.73605662499	06	-3.37512499999	03	1.74112459999	03	-1.51350288085	02	0.99	-0.00	0.00	2.67558731138	00
TRANSIENT 0.448								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

UNFC				UNWC							
4.24817855277	-01	1.83029975501	-02	-9.05093801833	-01	9.99842233120	-01	-1.44826620696	-03	-1.77034288496	-02

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	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369591.96	9594.08	8	2048	2.5994	2.6755	2036	2048	12	0	12

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	TIME	MODE	VERBNCUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
DISPLAYS:	369592.27	63	6 63	21015	- 1221	- 2 31	179	12308	99 76	12420	- 1

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	CDUTIME	CDUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369592.76	1.9665	66.0717	0.7141	0.0666	- 0.2368	0.0516	
	369592.76	0.3735	66.0717	0.7910	0.1098	- 0.3515	0.0439	DESIRE0

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369592.759	+ 9577.10	+ 1340573.9	+ 1026495.9	+ 430233.9	+ 206.06	- 279.14	- 129.80	+ 6325.87
ENV	369592.759	+ 9555.57	+ 1340566.2	+ 1023818.1	+ 436565.8	+ 206.00	- 280.54	- 127.09	+ 6325.76
ERR	0.000	21.52	7.7	2677.8	6331.8	0.05	1.40	2.70	4.10

	IN PCUNOS	+21113.67	+ 4398208.6	+ 3367769.0	+ 1411528.8	+ 676.05	- 915.82	- 425.85	+ 20767.30
ENV	AND FOOT5	+21066.22	+ 4398183.0	+ 3358983.2	+ 1432302.5	+ 675.87	- 920.43	- 416.96	+ 20753.82

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PIPTIME:	3.69592760000	05		TPIP:	3.69592760000	05
			P63: BRAKQUAC			

	R AND RG				V AND VG						
1.74212874999	06	-2.54268749999	03	-3.01048124999	04	-3.16400527954	01	-9.50217247009	00	3.68983936309	02
6.03862499999	03	-2.84999999999	01	-3.18539999999	04	-3.11664581298	01	7.52639770507	-01	3.73770904541	02

	LAND				TTF	CG			AFC	
1.73605662499	06	-3.37524999999	03	1.73159999999	03	-1.49354389648	02	0.99 -0.00 0.00	2.68240226432	00
								0.00 0.99 0.02		
								-0.00 -0.02 0.99		

	UNFC				UNWC						
4.31672630839	-01	1.84943160587	-02	-9.01840728764	-01	9.99849661304	-01	-1.45931541791	-03	-1.72778814878	-02

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369593.97	9577.10	0	2049	2.6743	2.6824	2051	2049	- 2	0	- 2

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OISPLAYS:	TIME	MODE	VERBNOUN	H	FOOT	TTF	RANGE	ARVEL	TTF LPO	VHOR1Z	DELTAH
	369594.27	63	6 63	20767	- 1246	- 2 29	175	12154	99 76	12262	- 3

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ATTITUDE:	COUTIME	CDUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIREO
	369594.76	2.1093	65.3906	0.7250	0.0645	- 0.3857	- 0.0486		
	369594.76	0.4394	65.4785	0.7910	0.1153	- 0.2746	0.0549		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369594.759	+ 9560.14	+ 1340981.9	+ 1025939.9	+ 429973.9	+ 202.31	- 276.27	- 128.46	+ 6252.87
ENV	369594.759	+ 9538.28	+ 1340974.4	+ 1023259.8	+ 436312.9	+ 202.25	- 277.67	- 125.75	+ 6248.65
ERR	0.000	21.85	7.5	2680.1	6338.9	0.06	1.40	2.71	4.21

AGC	IN PCUNDS	+21076.29	+ 4399547.2	+ 3365944.8	+ 1410675.8	+ 663.76	- 906.39	- 421.47	+ 20514.68
ENV	AND FOOTS	+21028.10	+ 4399522.5	+ 3357151.7	+ 1431472.9	+ 663.55	- 910.99	- 412.57	+ 20500.82

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PIPTIME:	3.69594760000	05		P63: 8RAKQUAD	TPIP:	3.69594760000	05

R AND RG				V AND VG							
1.74206424999	06	-2.56162499999	03	-2.93716874999	04	-3.25833797454	01	-9.40952301025	00	3.64168071746	02
5.97512499999	03	-2.62499999999	01	-3.11114999999	04	-3.21189880371	01	7.01904296875	-01	3.68954849243	02

LANO				TTF				CG			AFC	
1.73605662499	06	-3.37537499999	03	1.72287499999	03	-1.47358540039	02	0.99	-0.00	0.00	2.68886098638	00
								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

UNFC				UNWC							
4.38219484065	-01	1.86862902699	-02	-8.98673748554	-01	9.99856815051	-01	-1.47024541043	-03	-1.68578698027	-02

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THRCTLTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369595.95	9560.14	0	2051	2.6893	2.6888	2051	2051	0	0	0

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DISPLAYS:	TIME	MJOE	VERBNOUN	H	HQGT	TTF	RANGE	A8VEL	TTF LPD	VHORIZ	DELTAH
	369596.27	63	6 63	20515	- 1269	- 2 27	171	11999	99 76	12104	- 4

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ATTITUDE:	CDUTIME	CDUX	CDUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
	369596.76	2.2302	64.8303	0.6591	0.0211	- 0.1983	0.0040	
	369596.76	0.5932	65.0390	0.7910	0.0164	- 0.2746	0.0549	DESIREO

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	TIME	MASS	RN			VN			ALTITUDE
ACC	369598.759	+ 9526.32	+ 1341775.9	+ 1024845.9	+ 429465.9	+ 194.95	- 270.45	- 125.77	+ 6094.68
ENV	369598.759	+ 9503.72	+ 1341768.6	+ 1022160.8	+ 435815.3	+ 194.89	- 271.85	- 123.05	+ 6090.42
ERR	0.000	22.59	7.3	2685.1	6349.3	0.06	1.40	2.71	4.25
AGC	IN PDUNDS	+21001.73	+ 4402152.2	+ 3362355.6	+ 1409009.1	+ 639.60	- 887.30	- 412.64	+ 19995.69
ENV	AND FOOTS	+20951.90	+ 4402128.2	+ 3353545.9	+ 1429840.3	+ 639.40	- 891.90	- 403.73	+ 19981.72

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PIPTIME: 3.6959876000 05 P63: BRAKQUAD TP1P: 3.6959876000 05

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P63: BRAKQUAD  
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R AND RG				V AND VG							
1.74192962499	06	-2.59893749999	03	-2.79342499999	04	-3.43209266662	01	-9.23409461975	00	3.54562282562	02
5.84212499999	03	-2.12499999999	01	-2.96551249999	04	-3.38741302490	01	5.81359863281	-01	3.59349060058	02

LAND			TTF			CG			AFC	
1.73605674999	06	-3.37562499999	03	1.70462499999	03	-1.43365771484	02	0.99 -0.00 0.00	2.70235817879	00
TRANSIENT 0.376						-0.00 0.99 0.02				
						-0.00 -0.02 0.99				

UNFC			UNWC								
4.50375184479	-01	1.92184662540	-02	-8.92632535683	-01	9.99870329402	-01	-1.49179248786	-03	-1.60343049650	-02

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	TIME	MASS	FWEIGHT	FCDL	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369599.96	9526.32	4	2054	2.6943	2.7023	2046	2054	8	0	8

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	TIME	MODE	VERBNDUN	H	FDCT	TTF	RANGE	ABVEL	TTF LPD	VHDRIZ	OELTAF
DISPLAYS:	369600.27	63	6 63	19996	- 1311	- 2 23	163	11690	99 75	11789	- 5

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	CDUTIME	CDUX	CDUY	CDUZ	DMEGAX	DMEGAY	DMEGAZ	ACTUAL	DESIRE
ATTITUDE:	369600.76	2.3291	64.0353	0.7910	0.0213	- 0.2018	0.0077		
	369600.76	0.5932	64.1601	0.7910	0.0329	- 0.2307	0.0878		

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	TIME	MASS	RN			VM			ALTITUDE
AGC	369600.759	+ 9509.45	+ 1342161.9	+ 1024307.9	+ 429215.9	+ 191.32	- 267.51	- 124.41	+ 6013.49
ENV	369600.759	+ 9486.44	+ 1342154.8	+ 1021620.0	+ 435570.5	+ 191.26	- 268.92	- 121.69	+ 6009.45
ERR	0.000	23.00	7.1	2687.9	6354.5	0.06	1.40	2.71	4.04

	IN PCUNDS	+20964.55	+ 4403418.6	+ 3360590.5	+ 1408188.9	+ 627.71	- 877.67	- 408.17	+ 19729.33	
AGC	ENV	AND FOOT5	+20913.82	+ 4403395.1	+ 3351771.7	+ 1429037.3	+ 627.50	- 882.29	- 399.26	+ 19716.06

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PIPTIME:	3.6960076000	05		TPIP:	3.69600760000	05
			P63: BRAKOUAC			

	R AND RG					V ANO VG					
1.74185956249	06	-2.61731249999	03	-2.72299374955	04	-3.51252079010	01	-9.14130210876	00	3.49772405624	02
5.77287499999	03	-1.93749999999	01	-2.89413749999	04	-3.46870422363	01	5.31387329101	-01	3.54559326171	02

	LAND			TTF			CG			AFC		
1.73605674999	06	-3.37574999999	03	1.69549999999	03	-1.41368852539	02	0.99	-0.00	0.00	2.70958524197	00
								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

	UNFC				UNWC						
4.56122300272	-01	1.94917126683	-02	-8.89703832781	-01	9.99876703569	-01	-1.50241702160	-03	-1.56307517822	-02

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369601.95	9509.45	0	2056	2.7043	2.7095	2056	2056	0	0	0

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OISPLAYS:	TIME	MODE	VERBNOUN	H	HDOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	OELTAH
	369602.27	63	6 63	19729	- 1320	- 2 21	159	11537	99 75	11632	- 8

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ATTITUDE:	COUTIME	CDUX	COUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESRED
	369602.76	2.3730	63.6437	0.7800	0.0219	- 0.2213	0.0340		
	369602.76	0.5932	63.7866	0.7910	0.0439	- 0.1977	0.0878		

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	TIME	MASS		RN		VN	ALTITUDE
AGC	369602.759	+ 9492.04	+ 1342539.9	+ 1023775.9	+ 428967.9	+ 187.72 - 264.55 - 123.02	+ 5931.37
ENV	369602.759	+ 9469.12	+ 1342533.7	+ 1021085.1	+ 435328.5	+ 187.66 - 265.96 - 120.31	+ 5927.34
ERR	0.000	22.91	6.2	2690.8	6360.5	0.06 1.40 2.71	4.03
AGC	IN PCUNOS	+20926.15	+ 4404658.7	+ 3258845.1	+ 1407375.3	+ 615.91 - 867.95 - 403.63	+ 19459.89
ENV	ANO FOOTS	+20875.63	+ 4404638.3	+ 3350016.8	+ 1428243.3	+ 615.70 - 872.57 - 394.74	+ 19446.66

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PIPTIME: 3.69602760000 05 P63: 8RAKQUAD TP1P: 3.69602760000 05  

P AND RG				V AND VG							
1.74178812499	06	-2.63549999999	03	-2.65351874999	04	-3.58898639678	01	-9.03859138488	00	3.44971323013	02
5.70237499999	03	-1.72499999999	01	-2.82371249999	04	-3.54598999023	01	4.87899780273	-01	3.49757385253	02

LANO				TTF				CG				AFC			
1.73605674999	06	-3.37587499999	03	1.68637499999	03	-1.39372602539	02	0.99	-0.00	0.00	2.71638622507	00	0.00	0.99	0.02
TRANSIENT 0.361								-0.00 -0.02 0.99							

UNFC				UNWC							
4.61723089835	-01	1.95786368198	-02	-8.86808020539	-01	9.99882831468	-01	-1.51292978483	-03	-1.52326746533	-02

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	TIME	MASS	FWEIGHT	FCDL	AF	AFC	FP	FC	PIF	PIFSET	REG55
THROTTLE:	369603.97	9492.04	0	2057	2.7193	2.7163	2059	2057	- 2	0	- 2

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	TIME	MODE	VERBNDUN	H	HODT	TTF	RANGE	ABVEL	TTF LPO	VHDIRZ	DELTAH
DISPLAYS:	369604.27	63	6 63	19460	- 1348	- 2 19	156	11382	99 75	11474	- 6

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	CDU TIME	CDUX	CDUY	CDUZ	DMEGAX	DMEGAY	DMEGAZ	ACTUAL	DESIRE
ATTITUDE:	369604.76	2.3400	63.2922	0.7800	- 0.0866	- 0.1388	0.0386		
	369604.76	0.5932	63.5009	0.7910	0.0494	- 0.2636	0.0878		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369604.759	+ 9474.65	+ 1342911.9	+ 1023249.9	+ 428723.9	+ 184.15	- 261.57	- 121.64	+ 5848.37
ENV	369604.759	+ 9451.79	+ 1342905.5	+ 1020556.1	+ 435089.3	+ 184.10	- 262.98	- 118.92	+ 5844.15
ERR	0.000	22.85	6.4	2693.8	6365.3	0.05	1.41	2.71	4.21
ACC	IN PCUNDS	+20887.82	+ 4405879.2	+ 3357119.4	+ 1406574.8	+ 604.19	- 858.18	- 399.11	+ 19187.58
ENV	AND FOOTS	+20837.43	+ 4405858.0	+ 3348281.4	+ 1427458.4	+ 604.01	- 862.81	- 390.18	+ 19173.73

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PIPTIME: 3.6960476000 05  
 P63: BRAKQUAO  
 TPIP: 3.6960476000 05

R AND RG				V AND VG							
1.74171537499	06	-2.65349999999	03	-2.58500624999	04	-3.66248130798	01	-8.94575119018	00	3.40178871154	02
5.63049999999	03	-1.58749999999	01	-2.75426249999	04	-3.62033843994	01	4.42504882812	-01	3.44964218139	02

LAND				TTF				CG				AFC			
1.73605674999	06	-3.37599999999	03	1.67724999999	03	-1.37377036132	02	0.99	-0.00	0.00	2.72363424301	00	0.00	0.99	0.02
TRANSIENT 0.352								-0.00 -0.02 0.99							

UNFC				UNWC							
4.67167454633	-01	1.98667706864	-02	-8.83945632238	-01	9.99888719522	-01	-1.52333824904	-03	-1.48400812442	-02

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	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369605.96	9474.65	2	2059	2.7193	2.7236	2055	2059	4	0	4

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OISPLAYS:	TIME	MODE	VER8NOU	H	HDOT	TTF	RANGE	ARVEL	TTF LPD	VHORIZ	DELTAH
	369606.27	63	6 63	19188	- 1366	- 2 17	152	11229	99 74	11317	- 3

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ATTITUDE:	COUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
	369606.76	2.1643	62.9187	0.8239	- 0.0878	- 0.2006	- 0.0171	
	369606.76	0.5922	63.0615	0.7910	0.0604	- 0.2197	0.0878	OESIREO

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369606.759	+ 9457.30	+ 1343275.9	+ 1022729.9	+ 428481.9	+ 180.63	- 258.59	- 120.25	+ 5764.24
ENV	369606.759	+ 9434.48	+ 1343270.2	+ 1020033.1	+ 434852.8	+ 180.57	- 259.99	- 117.53	+ 5759.54
EPR	0.000	22.82	5.7	2696.8	6370.8	0.05	1.40	2.72	4.30

	IN POUNDS	AND FODTS							
AGC	+20849.56		+ 4407073.4	+ 3355413.3	+ 1405780.8	+ 592.62	- 848.40	- 394.54	+ 18911.58
ENV	+20799.25		+ 4407054.4	+ 3346565.6	+ 1426682.6	+ 592.42	- 853.01	- 385.61	+ 18897.47

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PIPTIME: 3.69606760000 05

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P63: BRAKQUAD  
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TPIP: 3.69606760000 05

P AND RG				V AND VG							
1.74164112499	06	-2.67131249999	03	-2.51744999999	04	-3.73200893402	01	-8.84254509887	00	3.35405206680	02
5.55712499999	03	-1.37499999999	01	-2.68574999999	04	-3.69071960449	01	3.98254394531	-01	3.40190124511	02

LAND				TTF				CG			AFC	
1.73605674999	06	-3.37612499999	03	1.66812499999	03	-1.35378320312	02	0.99	-0.00	0.00	2.73140380159	00
TRANSIENT 0.334								0.00	0.59	0.02		
								-0.00	-0.02	0.99		

UNFC				UNWC							
4.72316156911	-01	1.99756299018	-02	-8.81202826896	-01	9.99894374655	-01	-1.53362748957	-03	-1.44525415225	-02

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THRDITLE:	TIME	MASS	FWEIGHT	FCDL0	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369607.55	9457.30	4	2061	2.7193	2.7314	2054	2061	7	0	7

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DISPLAYS:	TIME	MDDE	VERBNOUN	H	HD0T	TTF	RANGE	ABVFL	TTF LPD	VHORIZ	DELTAH
	369608.27	63	6 63	18912	- 1382	- 2 15	148	11075	99 74	11161	- 4

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ATTITUDE:	CDUTIME	CDUX	CDUY	CDUZ	DMEGAX	DMEGAY	DMEGAZ	ACTUAL	DESIRED
	369608.76	1.9995	62.5231	0.8239	- 0.0876	- 0.1795	- 0.0083		
	369608.76	0.5932	62.6879	0.7910	0.0659	- 0.1647	0.0878		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369608.759	+ 9439.98	+ 1343633.9	+ 1022213.9	+ 428241.9	+ 177.12	- 255.56	- 118.84	+ 5678.93
ENV	369608.759	+ 9417.12	+ 1343627.8	+ 1019516.2	+ 434619.1	+ 177.06	- 256.98	- 116.12	+ 5674.79
ERR	0.000	22.85	6.1	2697.7	6377.1	0.05	1.41	2.71	4.14

AGC	IN POUNDS	AND FOOTS	+ 20811.38	+ 4408248.0	+ 3353720.4	+ 1404993.4	+ 581.13	- 838.47	- 389.91	+ 18631.68
ENV			+ 20761.00	+ 4408227.7	+ 3344869.4	+ 1425915.9	+ 580.93	- 843.11	- 380.99	+ 18618.08

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PIPTIME: 3.69608760000 05

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P63: BRAKQUAC
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TIPI: 3.69608760000 05

	R AND RG				V AND VG						
1.74156524999	06	-2.68887499999	03	-2.45084999999	04	-3.79657268524	01	-8.74013900756	00	3.30610275268	02
5.48199999999	03	-1.23749999999	01	-2.61819999999	04	-3.75614166259	01	3.61251831054	-01	3.35394287109	02

	LAND	TTF	CG	AFC						
1.73605674999	06	-3.37624999999	03	1.65899999999	03	-1.33382226562	02	0.99 -0.00 0.00	2.73851677775	00
								C.00 0.99 0.02		
								-0.00 -0.02 0.99		

	UNFC	UNWC				
4.77358726252	-01	2.01379947174 -02	-8.78477721765 -01	9.99899802910 -01	-1.54378266033 -03	-1.40712783552 -02

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THRDTTLE:	TIME	MASS	FWEIGHT	FGDLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369610.01	9439.98	- 2	2062	2.7393	2.7385	2067	2062	- 5	0	- 5

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DISPLAYS:	TIME	MDDE	VERBNDUN	H	HCT	TTF	RANGE	A8VEL	TTF LPD	VHDRIZ	DELTAH
	369610.31	63	6 63	18632	- 1397	- 2 13	144	10921	99 74	11003	- 8

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ATTITUDE:	CDUTIME	CDUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRED
	369610.76	1.8237	62.3034	0.8349	- 0.0856	- 0.0836	C.0778		
	369610.76	0.5932	62.4682	0.7910	0.0714	- 0.1977	0.0878		

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369610.759	+ 9422.69	+ 1343983.9	+ 1021705.9	+ 428005.5	+ 173.65	- 252.52	- 117.43	+ 5592.81	
ENV	369610.759	+ 9399.74	+ 1343978.4	+ 1019005.2	+ 434388.3	+ 173.59	- 253.93	- 114.70	+ 5588.75	
ERR	0.000	22.95	5.5	2700.7	6382.3	0.06	1.40	2.72	4.05	

	IN PCUNDS	ANO FOOTS	+ 4409396.3	+ 3352053.8	+ 1404219.1	+ 569.73	- 828.50	- 385.27	+ 18349.12
AGC		+20773.27							
ENV		+20722.67	+ 4409378.2	+ 3343193.2	+ 1425158.6	+ 569.52	- 833.13	- 376.34	+ 18335.81

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PIPTIME: 3.6961076000 05

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P63: 8RAKQUAC  
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TPIP: 3.6961076000 05

R AND RG				V AND VG							
1.74148824999	06	-2.70624999999	03	-2.38520624999	04	-3.85816574096	01	-8.63728523254	00	3.25824117660	02
5.40587499999	03	-1.09999999999	01	-2.55162499999	04	-3.81858825683	01	3.24630737304	-01	3.30607604980	02

LANO				TTF				CG			AFC	
1.73605674999	06	-3.37637499999	03	1.64987499999	03	-1.31385527343	02	0.99	-0.00	0.00	2.74593243375	00
TRANSIENT 0.317								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

UNFC				UNWC							
4.82213554107	-01	2.02879574564	-02	-8.75818752378	-01	9.99905010826	-01	-1.55384092097	-03	-1.36950685317	-02

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	TIME	MASS	FWEIGHT	FCQLO	AF	AFC	FP	FC	PIF	PIFSET	REG55
THROTTLE:	369611.97	9422.69	2	2064	2.7443	2.7459	2061	2064	3	0	3

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	TIME	MODE	VERBNOUN	H	HOOT	TTF	RANGE	ARVEL	TTF LPD	VHORIZ	DELTAH
DISPLAYS:	369612.27	63	6 63	18349	- 1411	- 2 11	141	10768	97 74	10846	- 6

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	CDUTIME	CDUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369612.76	1.6589	62.05C7	0.8679	- 0.0883	- 0.1443	- 0.0411	
	369612.76	0.5932	62.1826	0.7910	0.0769	- 0.2416	0.0878	DESIREO

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	TIME	MASS	PN	VN	ALTITUDE
AGC	369612.759	+ 9405.43	+ 1344327.9 + 1021203.9 + 427771.9	+ 170.19 - 249.48 - 116.00	+ 5505.99
ENV	369612.759	+ 9382.39	+ 1344322.2 + 1018500.4 + 434160.3	+ 170.13 - 250.89 - 113.28	+ 5501.88
ERP	0.000	23.05	5.7 2703.5 6388.3	0.06 1.41 2.71	4.11

	IN POUNDS AND FDDTS				
AGC	+20735.23	+ 4410524.9	+ 3350406.8	+ 1403451.4	+ 558.38 - 818.51 - 380.57
ENV	+20684.39	+ 4410505.9	+ 3341536.9	+ 1424410.6	+ 558.18 - 823.14 - 371.67

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PIPTIME: 3.6961276000 05

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P63: 8PAKQUAD  
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TIPI: 3.6961276000 05

	R AND PG	V AND VG
1.74141012499	06 -2.72343749999 03 -2.32051874999 04 -3.91780376434 01 -8.52437019348 00 3.21036767959 02	
5.32849999999	03 -9.62499999999 00 -2.48597499999 04 -3.87901306152 01 2.96401977539 -01 3.25819015502 02	

	LAND	TTF	CG	AFC
1.73605674999	06 -3.37649999999 03 1.64074999999 03 -1.29388203124 02 0.99 -0.00 0.00 2.75376718491 00		0.00 0.99 0.02	
	TRANSIENT 0.317		-0.00 -0.02 0.99	

	UNFC	UNWC
4.87062740457	-01 2.03130931863 -02 -8.73130726239 -01 9.95910004567 -01 -1.56379489946 -03 -1.33243127681 -02	

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	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFSET	REC55
THROTTLE:	369613.96	9405.43	0	2066	2.7493	2.7537	2065	2066	1	C	1

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	TIME	MODE	VERRUNJUN	H	HDDT	TTF	RANGE	ARVEL	TTF LPD	VHDRIZ	DELTA
DISPLAYS:	369614.27	63	6 63	13064	- 1424	- 2 9	137	10614	95 74	10689	- 5

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	CDUIME	CDUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL DESIRED
ATTITUDE:	369614.76	1.4831	61.6223	0.8349	- 0.0868	- 0.2491	0.0172	
	369614.76	0.5932	61.8090	0.7910	0.0823	- 0.1867	0.0769	

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369614.759	+ 9388.21	+ 1344663.9	+ 1020707.9	+ 427541.9	+ 166.75	- 246.41	- 114.57	+ 5418.31	
ENV	369614.759	+ 9364.99	+ 1344659.0	+ 1018001.7	+ 433935.2	+ 166.70	- 247.82	- 111.85	+ 5414.20	
ERR	0.000	23.21	4.9	2706.2	6393.2	0.05	1.41	2.71	4.10	

	IN POUNDS	AND FEET								
AGC	+20697.25	+ 4411627.2	+ 3348779.5	+ 1402696.8	+ 547.10	- 808.45	- 375.89	+ 17776.61		
ENV	+20646.07	+ 4411611.0	+ 3339900.7	+ 1423671.9	+ 546.93	- 813.09	- 366.97	+ 17763.15		

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PIPTIME:	3.69614760000	05		P63: 8RAKQUAD	TPIP:	3.69614760000	C5
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R AND RG				V AND VG							
1.74133074999	06	-2.74037499999	03	-2.25678749999	04	-3.97447109222	01	-8.42146873474	00	3.16248226165	02
5.24987499999	03	-8.87499999999	00	-2.42131249999	04	-3.93650054931	01	2.64358520507	-01	3.21029663085	02

LAND				TTF				CG			AFC	
1.73605674999	06	-3.37662499999	03	1.63162499999	03	-1.27391601562	02	0.99	-0.00	0.00	2.76171835139	00
TRANSIENT 0.317								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

UNFC				UNWC							
4.91892451390	-01	2.05665469522	-02	-8.70413024610	-01	9.99914790099	-01	-1.57359241642	-03	-1.29590257346	-02

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THROTTLE:	TIME	MASS	FWEIGHT	FCDD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369615.97	9388.21	2	2068	2.7543	2.7617	2063	2068	5	0	5

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DISPLAYS:	TIME	MODE	VERBNCUN	H	HDDT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
	369616.27	63	6 63	17777	- 1437	- 2 7	134	10460	93 74	10532	- 6

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ATTITUDE:	CDUTIME	CDUX	CDUY	CDUZ	DMEGAX	DMEGAY	DMEGAZ	ACTUAL	DESIRED
	369616.76	1.3183	61.2817	0.8020	- 0.0873	- 0.1143	- 0.0008		
	369616.76	0.5932	61.5234	0.7910	0.0933	- 0.2307	0.0769		

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369616.759	+ 9371.01	+ 1344993.9	+ 1020217.9	+ 427313.9	+ 163.36	- 242.21	- 113.12	+ 5329.99	
ENV	369616.759	+ 9347.59	+ 1344989.0	+ 1017509.1	+ 433712.9	+ 163.30	- 244.73	- 110.41	+ 5325.80	
ERR	0.000	23.41	4.9	2708.8	6398.9	0.06	1.42	2.71	4.19	
AGC	IN POUNDS	+20659.34	+ 4412709.9	+ 3347171.9	+ 1401948.8	+ 535.99	- 798.27	- 371.15	+ 17486.87	
ENV	ANO FOOT5	+20607.71	+ 4412693.7	+ 3338284.6	+ 1422942.7	+ 535.79	- 802.95	- 362.24	+ 17473.12	

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PIPTIME: 3.6961676000 05

||||| P63: BRAKQUAO ||||| TPIP: 3.6961676000 05

R AND RG				V AND VG							
1.74125043749	06	-2.75712499999	03	-2.19401874999	04	-4.02500152587	01	-8.31785202026	00	3.11459445553	02
5.17037499999	03	-7.49999999999	00	-2.35758749999	04	-3.98784637451	01	2.26593017578	-01	3.16239929199	02

LANO				TTF				CG				AFC			
1.73605674999	06	-3.37674999999	03	1.62249999999	03	-1.25395737304	02	0.99	-0.00	0.00	2.76921316981	00	0.00	0.99	0.02
TRANSIENT 0.279								-0.00				-0.02 0.99			

UNFC				UNWC							
4.96131240003	-01	2.07345280405	-02	-8.67999926289	-01	9.99919372953	-01	-1.58329306170	-03	-1.25992371149	-02

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	TIME	MASS	FWEIGHT	FCCL0	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369618.09	9371.01	0	2070	2.7643	2.7692	2069	2070	1	0	1

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	TIME	MODE	VERBNOUN	H	FOOT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	OFLTAH
OISPLAYS:	369618.39	63	6 63	17487	- 1478	- 2 5	130	10307	91 73	10375	- 4

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	CDUTIME	COUX	COUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369618.76	1.1535	60.9960	0.8569	- 0.0874	- 0.1853	- 0.0091	
	369618.76	0.5932	61.1279	0.7910	0.0988	- 0.1208	0.0878	DESIRED

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369618.759	+ 9353.85	+ 1345317.9	+ 1019733.9	+ 427087.9	+ 159.96	- 240.43	- 111.16	+ 5240.87	
ENV	369618.759	+ 9330.16	+ 1345312.3	+ 1017022.7	+ 433493.5	+ 159.93	- 241.62	- 108.96	+ 5236.75	
ERR	0.000	23.68	5.6	2711.2	6405.5	0.02	1.18	2.19	4.12	
AGC	IN PCUNDS	+20621.50	+ 4413772.9	+ 3345583.9	+ 1401207.3	+ 524.81	- 788.84	- 364.70	+ 17194.47	
ENV	AND FOOTS	+20569.29	+ 4413754.2	+ 3336688.9	+ 1422222.9	+ 524.73	- 792.74	- 357.48	+ 17180.94	

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PIPTIME: 3.69618760000 05 P63: BRAKQUAC TPIP: 3.69618760000 05

R AND RG				V AND VG							
1.74116893749	06	-2.77368749999	03	-2.13220624959	04	-4.07720088558	01	-7.64265060424	00	3.06663560867	02
5.08962499999	03	-6.37495999999	00	-2.29483749959	04	-4.04094656044	01	7.59124755859	-01	3.11427688558	02

LAND				TTF				CG			AFC	
1.73605674999	06	-3.37687499999	03	1.61337459555	03	-1.23402041015	02	0.99	-0.00	0.00	2.77750659734	00
TRANSIENT 0.617								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

UNFC				UNWC							
5.01023952939	-01	1.15119819332	-02	-8.65356847117	-01	9.99923759627	-01	-1.59288941852	-03	-1.22449024773	-02

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	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369620.10	9353.85	0	2073	2.7743	2.7775	2071	2073	2	0	2

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	TIME	MODE	VERBNOUN	H	HQOT	TTF	RANGE	A8VEL	TTF LPO	VHORIZ	DELTAH
DISPLAYS:	369620.40	63	6 63	17194	- 1458	- 2 3	127	10153	89 73	10217	- 7

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	COUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369620.76	0.9777	60.7104	0.8349	- 0.0870	- 0.0675	0.0137	
	369620.76	0.5932	60.9082	0.7470	- 0.0604	- 0.1647	- 0.1647	DESIRED

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	TIME	MASS	RN				VN			ALTITUDE
ACC	369620.759	+ 9336.72	+ 1345633.9	+ 1019255.9	+ 426867.9	+ 156.75	- 237.34	- 109.70	+ 5151.12	
ENV	369620.759	+ 9312.72	+ 1345628.8	+ 1016542.6	+ 433277.1	+ 156.59	- 238.49	- 107.50	+ 5147.09	
ERR	0.000	23.99	5.1	2713.3	6409.1	0.15	1.14	2.20	4.03	

	IN PCUNDS	AND FOOT5	+20583.74	+ 4414809.7	+ 3344015.7	+ 1400485.5	+ 514.28	- 778.70	- 359.91	+ 16900.01
ACC										
ENV			+20530.84	+ 4414792.7	+ 3335113.7	+ 1421512.8	+ 513.75	- 782.47	- 352.69	+ 16886.78

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PIPTIME: 3.6962076000 05

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P63: BRAKQUAQ  
|||||

TPIP: 3.6962076000 05

R AND RG				V AND VG							
1.74108656249	06	-2.78887499999	03	-2.07134999999	04	-4.11410331726	01	-7.51919746398	00	3.01990270614	02
5.00787499999	03	-3.34999999999	01	-2.23303749999	04	-4.07863616943	01	1.14784240722	00	3.06751251220	02

LANO				TTF				CG				AFC			
1.73605674999	06	-3.37699999999	03	1.60424999999	03	-1.21390664062	02	0.99	-0.00	0.00	2.78648221865	00	0.00	0.99	0.02
								0.00	0.02	0.02					
								-0.00	-0.02	0.99					

TRANSIENT 0.191

UNFC				UNWC							
5.03459425198	-01	1.32914364468	-02	-8.63916630755	-01	9.99927957036	-01	-1.60168855853	-03	-1.18960216248	-02

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	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369622.09	9336.72	0	2076	2.7843	2.7864	2075	2076	1	0	1

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	TIME	MODE	VERBNOUN	H	HDOT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
DISPLAYS:	369622.39	63	6 63	14900	- 1465	- 2 1	124	9998	87 73	10064	- 5

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	CDUTIME	CDUX	CDUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369622.76	0.8020	60.5456	0.6811	- 0.0919	- 0.1146	- 0.1986	
	369622.76	0.5932	60.6884	0.5712	- 0.0274	- 0.1318	- 0.0329	OESIREO

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369622.759	+ 9319.62	+ 1345943.9	+ 1018783.9	+ 426649.9	+ 153.43	- 234.17	- 108.22	+ 5060.68	
ENV	369622.759	+ 9295.27	+ 1345938.6	+ 1016068.8	+ 433063.5	+ 153.26	- 235.35	- 106.03	+ 5056.87	
ERR	0.000	24.34	5.3	2715.1	6413.5	0.17	1.18	2.18	3.80	

	IN POUNDS	AND FEET	+	+	+	+	-	-	+
AGC	20546.03	4415826.7	3342467.1	1399770.3	503.40	768.27	355.06	16603.30	
ENV	20492.36	4415809.3	3333559.0	1420812.2	502.84	772.15	347.89	16590.80	

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PIPTIME: 3.6962276000 05  
 P63: 8RAKQUAD  
 TPIP: 3.6962276000 05

R AND RG				V AND VG							
1.74100306249	06	-2.80381249999	03	-2.01143124999	04	-4.15369987487	01	-7.41419792175	00	2.97183132171	02
4.92512499999	03	-3.34999999999	01	-2.17217499999	04	-4.11899566650	01	1.14822387695	00	3.01943206787	02

LAND				TTF				CG			AFC	
1.73605674999	06	-3.37712499999	03	1.59512499999	03	-1.19394955117	02	0.99	-0.00	0.00	2.79350439086	00
TRANSIENT 0.251								0.00	0.99	0.02		
								-0.00	-0.02	0.99		

UNFC				UNWC							
5.07245368522	-01	1.33121966796	-02	-8.61698857799	-01	9.99931970879	-01	-1.61035358049	-03	-1.15525051336	-02

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THRDTL:	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369624.10	9319.62	4	2077	2.7843	2.7935	2071	2077	6	0	6

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DISPLAYS:	TIME	MDDE	VERBNOUN	H	HDDT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
	369624.40	63	6 63	16603	- 1475	- 1 59	120	9848	85 73	9906	- 10

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ATTITUDE:	CDUTIME	CDUX	CDUY	CDUZ	DMEGAX	DMEGAY	DMEGAZ	ACTUAL	DESIRED
	369624.76	0.6262	60.3369	0.4833	- 0.0862	- 0.0847	0.0467		
	369624.76	0.5932	60.4687	0.5712	- 0.0219	- 0.1428	- 0.0439		

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369624.759	+ 9301.98	+ 1346245.9	+ 1018317.9	+ 426433.9	+ 150.08	- 231.14	- 106.43	+ 4969.74	
ENV	369624.759	+ 9277.80	+ 1346241.8	+ 1015601.2	+ 432852.9	+ 149.95	- 232.17	- 104.58	+ 4966.14	
ERR	0.000	24.18	4.1	2716.7	6418.5	0.13	1.03	1.84	3.60	

	IN POUNDS								
AGC	+20507.16	+ 4416817.5	+ 3340938.3	+ 1399061.6	+ 492.42	- 758.33	- 349.18	+ 16304.95	
ENV	ANO FOOT5	+20453.84	+ 4416804.1	+ 3332025.1	+ 1420121.2	+ 491.96	- 761.73	- 343.13	+ 16293.12

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PIPTIME: 3.6962476000 05  
 P63: BRAKOUAC  
 TPIP: 3.6962476000 05

R AND RG				V AND VG							
1.74091881245	06	-2.81856249999	03	-1.95247499999	04	-4.19661998748	01	-6.96039199829	00	2.92365455627	02
4.84149999999	03	-3.24999999999	01	-2.11228749995	04	-4.16278839111	01	1.48086547851	00	2.97114181518	02

LANO				TTF				CG				AFC			
1.73605674999	06	-3.37724999999	03	1.58599999999	03	-1.17403066406	02	0.99	-0.00	0.00	2.80191423371	00	0.00	0.02	0.02
								0.00	0.09	0.02					
								-0.00	-0.02	0.99					

UNFC				UNWC							
5.11842552531	-01	7.29760594991	-03	-8.59048364306	-01	9.99935805148	-01	-1.61890684247	-03	-1.12144871637	-02

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	TIME	MASS	FWEIGHT	FCOLO	AF	ΔFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369626.09	9301.98	- 4	2079	2.8043	2.8019	2085	2079	- 6	0	- 6

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	TIME	MODE	VERBNOUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
DISPLAYS:	369626.39	63	6 63	16305	- 1482	- 1 57	117	9693	83 73	9747	- 9

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	CDUTIME	CDUX	COUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ALTITUDE:	369626.76	0.4504	60.1171	0.5932	- 0.0871	- 0.1208	0.0050	
	369626.76	0.5493	60.2490	0.5273	- 0.1263	- 0.1757	- 0.2087	OESIREO

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	TIME	MASS		RN		VN	ALTITUDE
AGC	369626.759	+ 9284.38	+ 1346541.9	+ 1017859.9	+ 426221.9	+ 146.87 - 227.97 - 104.98	+ 4878.24
ENV	369626.759	+ 9260.30	+ 1346538.5	+ 1015140.1	+ 432645.2	+ 146.65 - 228.98 - 103.12	+ 4874.93
ERR	0.000	24.08	3.4	2719.8	6423.2	0.21 1.01 1.85	3.31
AGC	IN POUNDS	+20468.35	+ 4417788.7	+ 3339435.6	+ 1398366.1	+ 481.85 - 747.93 - 344.43	+ 16004.75
ENV	ANO FOOTS	+20415.26	+ 4417777.2	+ 3330512.1	+ 1419439.7	+ 481.15 - 751.25 - 338.35	+ 15993.87

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PIPTIME: 3.6562676000 05  
 P63: BRAKQUAO  
 TPIP: 3.6962676000 05

	R ANO RG	V ANO VG
1.74083368749	06 -2.83243749999 03 -1.89448124999 04 -4.22988891601 01 -6.88090324401 00 2.87633085250 02	
4.75712499999	03 -4.77499999999 01 -2.05333749999 04 -4.19681549072 01 1.68342550332 00 2.92380142211 02	

	LANO	TTF	CG	AFC
1.73605674999	06 -3.37737499999 03 1.57687499999 03 -1.15398593749 02 0.99 -0.00 0.00 2.81126936897 00		0.00 0.99 0.02	
	TRANSIENT 0.219		-0.00 -0.02 0.99	

	UNFC	UNWC
5.14811698577	-01 8.93466635176 -03 -R.57256721609 -01 9.99939466217 -01 -1.62696092464 -03 -1.08819528841 -02	

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	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIPPSET	REG55
THROTTLE:	369628.09	9284.38	6	2082	2.8043	2.8112	2073	2082	9	0	9

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	TIME	MOOE	VER8NOUD	H	H00T	TTF	RANGE	A8VEL	TTF LPO	VHORIZ	OELTAH
OISPLAYS:	369628.39	63	6 63	160C5	- 1490	- 1 55	114	9539	81 73	9592	- 10

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	COUTIME	COUX	CDUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369628.76	0.2746	59.8425	0.3405	- 0.0924	- C.1504	- 0.2205	
	369628.76	0.3735	60.0292	0.3515	0.0219	- 0.1647	- 0.0549	OESIREO

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369628.759	+ 9266.80	+ 1346831.9	+ 1017405.9	+ 426013.9	+ 143.61	- 224.72	- 103.49	+ 4786.56	
ENV	369628.759	+ 9242.82	+ 1346828.5	+ 1014685.3	+ 432440.4	+ 143.38	- 225.77	- 101.67	+ 4783.28	
ERR	0.000	23.98	3.4	2720.6	6426.4	0.23	1.05	1.82	3.27	

AGC	IN POUNDS	+20429.60	+ 4418740.1	+ 3337946.1	+ 1397683.7	+ 471.16	- 737.27	- 339.55	+ 15703.94
ENV	ANO FOOT5	+20376.73	+ 4418728.7	+ 3329020.1	+ 1418767.8	+ 470.40	- 740.74	- 333.56	+ 15693.18

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PIPTIME: 3.69628760000 05

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P63: BRKQUAO  
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TPIP: 3.69628760000 05

R ANO RG				V ANO VG							
1.74074812499	06	-2.84612499999	03	-1.83743124999	04	-4.26075935363	01	-6.79535865783	00	2.828072071C7	02
4.67212499999	03	-4.57499999999	01	-1.99536249999	04	-4.22843933105	01	1.64499746093	00	2.87553405761	02

LANO				TTF				CG		AFC		
1.73605687499	06	-3.17749999999	03	1.56774999999	03	-1.134039C1367	02	0.99	-0.00	0.00	2.81801447272	00
								0.00	0.59	0.02		
								-0.00	-0.02	0.99		

TRANSIENT 0.234

UNFC				UNWC							
5.18320420270	-01	9.02399604391	-03	-8.55138883121	-01	9.99942959870	-01	-1.63491069300	-03	-1.05548127859	-02

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	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369630.10	9266.80	0	2083	2.8093	2.8180	2CR3	2083	0	0	0

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	TIME	MODE	VERBNOUN	H	HOOT	TTF	RANGF	ABVEL	TTF LPD	VHORIZ	DELTAH
OISPLAYS:	369630.39	63	6 63	15704	- 1456	- 1 53	111	9386	79 73	9434	- 7

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	CDUTIME	C.DUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369630.76	0.0988	59.6228	0.1098	- 0.0866	- 0.0981	0.0315	
	369630.76	0.3735	59.8095	0.3515	0.0274	- 0.1647	- 0.0659	OESIREO

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	TIME	MASS	RN				VN			ALTITUDE
AGC	269632.759	+ 9231.76	+ 1347391.9	+ 1016517.9	+ 425605.9	+ 137.07	- 218.33	- 100.31	+ 4602.12	
ENV	369632.759	+ 9207.75	+ 1347389.0	+ 1013795.2	+ 432039.5	+ 136.88	- 219.26	- 98.77	+ 4598.87	
ERR	0.000	24.01	2.9	2722.7	6433.5	0.19	0.93	1.53	3.24	
ACC	IN PCUNDS	+20352.35	+ 4420577.4	+ 3335032.8	+ 1396345.1	+ 449.73	- 716.33	- 329.11	+ 15098.83	
ENV	AND FOOTS	+20299.40	+ 4420567.7	+ 3326099.8	+ 1417452.4	+ 449.10	- 719.38	- 324.07	+ 15088.18	

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PIPTIME: 3.6963276000 05 P63: BRAKQUAC TPIP: 3.6963276000 05

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 P63: BRAKQUAC  
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R AND RG				V ANO VG							
1.7405749999	06	-2.8724999999	03	-1.7262312499	04	-4.3253087997	01	-6.38518333435	00	2.73165082931	02
4.5002499999	03	-5.4374999999	01	-1.8822749999	04	-4.29454803466	01	1.9977565800	00	2.77901458740	02

LAND				TTF				CG				AFC		
1.73605687499	06	-3.3777499999	03	1.5494999999	03	-1.09415532226	02	0.99	-0.00	0.00	2.83552799373	00		
TRANSIENT 0.279								0.00	0.59	0.03				
								-0.00	-0.03	0.99				

UNFC				UNWC							
5.26323359432	-01	6.04015181679	-03	-8.50263040406	-01	9.99949462766	-01	-1.65023654708	-03	-9.91708785350	-03

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	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	P1FPSET	REG55
THROTTLE:	369634.09	9231.76	2	2088	2.8293	2.8355	2085	2083	3	0	3

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	TIME	MODE	VFRBNOUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
OISPLAYS:	369634.39	63	6 63	15099	- 1506	- 1 49	104	9076	75 73	9117	- 9

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	CDUTIME	CDUX	CDUY	COUZ	OMEGAX	CMEGAY	OMEGAZ	ACTUAL	DESIRSD
ATTITUDE:	369634.76	- 0.2416	59.1723	0.2636	- 0.0908	- 0.1584	- 0.1528		
	369634.76	0.3735	59.3701	0.1318	- 0.0274	- 0.2087	- 0.0109		

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	TIME	MASS		RN		VN		ALTITUDE
AGC	369634.759	+ 9214.30	+ 1347663.9	+ 1016085.9	+ 425405.9	+ 133.85	- 215.04 - 98.83	+ 4509.31
ENV	369634.759	+ 9190.19	+ 1347659.5	+ 1013359.9	+ 431843.4	+ 133.66	- 215.99 - 97.30	+ 4506.21
ERR	0.000	24.10	4.4	2726.0	6437.4	0.19	0.95 1.52	3.10
AGC	IN PCUNDS	+20313.84	+ 4421469.8	+ 3333615.4	+ 1395688.9	+ 439.17	- 705.52 - 324.25	+ 14794.33
ENV	AND FODTS	+20260.70	+ 4421455.3	+ 3324671.7	+ 1416809.1	+ 438.54	- 708.64 - 319.25	+ 14784.15

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PIPTIME: 3.6963476000 05 P63: 8RAKQUAD TPIP: 3.6963476000 05

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P63: 8RAKQUAD  
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R AND RG				V AND VG							
1.74048743749	06	-2.88518749999	03	-1.67208124999	04	-4.35061921610	01	-6.32095336914	00	2.68333530426	02
4.41337499999	03	-5.08749999999	01	-1.82719999999	04	-4.32060241699	01	1.92146301269	00	2.73070526123	02

LAND				TTF				CG			AFC	
1.73605687499	06	-3.37787499999	03	1.54037499999	03	-1.07422714843	02	0.99	-0.00	0.00	2.84346984699	00
								0.00	0.99	0.03		
								-0.00	-0.03	0.99		

TRANSIENT 0.237

UNFC				UNWC							
5.29838226803	-01	6.26729027873	-03	-8.48075571214	-01	9.99952482439	-01	-1.65761261315	-03	-9.60651780131	-03

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	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369636.10	9214.30	0	2090	2.8393	2.8434	2089	2090	1	0	1

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	TIME	MODE	VERBNOUN	H	HODT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
DISPLAYS:	369636.39	63	6 63	14794	- 1511	- 1 47	101	8921	73 73	8959	- 10

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	CDUTIME	CDUX	CDUY	CDUZ	DMEGAX	DMEGAY	DMEGAZ	ACTUAL	DESIRED
ATTITUDE:	369636.76	- 0.4284	58.7988	0.0329	- 0.0871	- 0.2093	0.0069		
	369636.76	0.3735	59.1064	0.1318	- 0.0274	- 0.2197	- 0.0219		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369638.759	+ 9179.45	+ 1348183.9	+ 1015237.9	+ 425017.9	+ 127.52	- 208.51	- 95.71	+ 4323.06
ENV	369638.759	+ 9155.02	+ 1348181.5	+ 1012509.1	+ 431460.0	+ 127.32	- 209.37	- 94.38	+ 4320.20
ERR	0.000	24.43	2.4	2728.8	6442.0	0.20	0.85	1.33	2.85

AGC	IN POUNDS	+20237.02	+ 4423175.8	+ 3330833.3	+ 1394416.0	+ 418.40	- 684.09	- 314.03	+ 14183.27
ENV	AND FOOTS	+20183.16	+ 4423167.7	+ 3321880.5	+ 1415551.3	+ 417.71	- 686.91	- 309.64	+ 14173.90

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PIPTIME: 3.69638760000 05

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P63: BRAKQUAD  
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TPIP: 3.69638760000 05

R ANO RG				V ANO VG							
1.74031093749	06	-2.90993749999	03	-1.56667499999	04	-4.39251422882	01	-6.03175163269	00	2.58732795715	02
4.23799999999	03	-5.33749999999	01	-1.71991249999	04	-4.36393737792	01	2.07328796386	00	2.63463592529	02

LANO			TTF			CG			AFC			
1.73605687499	06	-3.37812499999	03	1.52212499999	03	-1.03426762655	02	0.99	-0.00	0.00	2.86166323348	00
TRANSIENT 0.192						0.00 0.99 0.03						
						-0.00 -0.03 0.99						

UNFC				UNWC							
5.35985856192	-01	4.76699824282	-03	-8.44213502432	-01	9.99958084174	-01	-1.67201459598	-03	-9.00190324617	-03

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIESET	REG55
	369640.05	9179.45	0	2096	2.8543	2.8616	2095	2096	1	0	1

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OISPLAYS:	TIME	MODE	VERANDUN	H	HDOT	TTF	RANGE	ARVEL	TTF LPO	VHORIZ	DELTAH
	369640.38	63	6 63	14183	- 1517	- 1 43	96	8611	69 72	8644	- 9

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ATTITUDE:	CDUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRE
	369640.76	- 0.6921	58.1506	0.0659	- 0.0373	- 0.0760	- 0.0245		
	369640.76	0.3735	58.5351	0.1318	- 0.0494	- 0.0988	- 0.0549		

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369640.759	+ 9162.08	+ 1348435.9	+ 1014823.9	+ 424827.9	+ 124.42	- 205.08	- 94.19	+ 4229.87	
ENV	369640.759	+ 9137.38	+ 1348433.0	+ 1012093.7	+ 431272.7	+ 124.19	- 206.01	- 92.90	+ 4227.01	
ERR	0.000	24.70	2.9	2730.2	6444.7	0.23	0.93	1.29	2.85	

	IN POUNDS	AND FODTS	+20198.73	+ 4424002.6	+ 3329475.0	+ 1393792.6	+ 408.23	- 672.84	- 309.04	+ 13877.54
AGC	ENV	AND FODTS	+20144.27	+ 4423992.9	+ 3320517.7	+ 1414936.8	+ 407.45	- 675.91	- 304.79	+ 13868.16

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PIPTIME:	3.6964076000	05			TPIP:	3.6964076000	05
			P63:	BRAKOUAC			

	R AND RG	V AND VG
1.74022231249	06 -2.92193749999 03 -1.51541249999 04 -4.39972400665 01 -5.98373413085 00 2.53866052627 02	03 -4.96249999999 01 -1.66771249999 04 -4.37183380126 01 1.97677612304 00 2.58597183227 02

	LAND	TTF	CG	AFC
1.7360567499	06 -3.37824999999 03 1.51299999999 03 -1.01436030273 02 0.99 -0.00 0.00 2.86597758531 00		0.00 0.99 0.03	
	TPANSIENT 0.132		-0.00 -0.03 0.99	

	UNFC	UNWC
5.37885971166	-01 5.25050941271 -03 -8.43001253957 -01 9.99960676702 -01 -1.67899576453 -03 -8.70781379638 -03	

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THRDITLE:	TIME	MASS	FWEIGHT	FCDLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369642.16	9162.08	- 2	2095	2.8693	2.8659	2098	2095	- 3	0	- 3

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DISPLAYS:	TIME	MODE	VERBNOUN	H	FDDT	TTF	RANGE	ABVEL	TTF LPD	VHDRIZ	DELTAH
	369642.42	63	6 63	13878	- 1517	- 1 41	93	8457	67 72	8484	- 8

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ATTITUDE:	CDUTIME	CDUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRED
	369642.76	- 0.7580	58.0957	0.1098	- 0.0361	0.0099	0.0266		
	369642.76	0.3735	58.4912	0.1318	- 0.0384	- 0.1318	- 0.0439		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369642.759	+ 9144.74	+ 1348681.9	+ 1014415.9	+ 424639.5	+ 121.28	- 201.81	- 92.49	+ 4136.68
ENV	369642.759	+ 9119.74	+ 1348678.3	+ 1011685.1	+ 431088.4	+ 121.07	- 202.65	- 91.41	+ 4133.78
ERR	0.000	24.99	3.6	2730.8	6448.4	0.20	0.83	1.07	2.90

AGC	IN FCUNOS	+20160.50	+ 4424809.7	+ 3328136.4	+ 1393175.8	+ 397.92	- 662.13	- 303.46	+ 13571.80
ENV	ANO FOOT5	+20105.39	+ 4424797.6	+ 3319176.9	+ 1414332.1	+ 397.24	- 664.87	- 299.92	+ 13562.29

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PIPTIME:	3.6964276000	05		P63: 8RAKQUAO	TPIP:	3.6964276000	05
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R ANO RG				V ANO VG							
1.74013337499	06	-2.93387499999	03	-1.46511874999	04	-4.41531658172	01	-5.70507049560	00	2.49038028717	02
4.06149999999	03	-4.66249999999	01	-1.61648749999	04	-4.38819885253	01	2.11715698242	00	2.53762435913	02

LANO				TTF				CG			AFC	
1.73605687499	06	-3.37837499999	03	1.50387499999	03	-9.94411816466	01	0.99	-0.00	0.00	2.87584029138	00
TRANSIENT 0.295								0.00	0.99	0.03		
								-0.00	-0.03	0.99		

UNFC				UNWC							
5.40779693109	-01	1.39495564236	-03	-8.41163109956	-01	9.99963136013	-01	-1.68594718229	-03	-8.41927529632	-03

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THROTTLE:	TIME	MASS	FWEIGHT	FCLO	AF	AFC	FP	FC	PIF	PIFSET	REG55
	369644.09	9144.74	2	2098	2.8743	2.8758	2095	2098	3	0	3

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OISPLAYS:	TIME	MODE	VERBNOUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	OELTAH
	369644.38	63	6 63	13572	- 1515	- 1 39	90	8300	65 72	8325	- 10

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ATTITUDE:	COUTIME	COUX	CDUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	OESIED
	369644.76	- 0.8349	58.0847	0.1428	- 0.0365	- 0.0681	0.0105		
	369644.76	0.3735	58.3154	0.0878	- 0.1098	- 0.0878	- 0.1318		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369644.759	+ 9127.43	+ 1348919.9	+ 1014015.9	+ 424455.9	+ 118.05	- 198.40	- 90.99	+ 4043.37
ENV	369644.759	+ 9102.12	+ 1348917.3	+ 1011283.1	+ 430907.0	+ 117.96	- 199.28	- 89.92	+ 4040.51
ERR	0.000	25.31	2.6	2732.8	6451.0	0.08	0.88	1.07	2.85

	IN POUNDS	AND FODTS	+	+	+	+	-	-	+
AGC	20122.35		4425590.5	3326824.1	1392572.1	387.32	650.94	298.55	13265.66
ENV	20066.54		4425581.9	3317858.1	1413737.1	387.02	653.83	295.03	13256.28

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PIPTIME: 3.6964476000 05

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P63: BRAKQUAD  
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TPIP: 3.6964476000 05

	R AND RG			V AND VG		
1.74004412499	06 -2.94524999999	03	-1.41579374999	04	-4.43452835083	01 -5.67493438720
3.97287499999	03 -5.21249999999	01	-1.56622499999	04	-4.40811157226	01 2.14729309082

	LAND			TTF	CG		AFC
1.73605667499	06 -3.37849999999	03	1.49474999999	03	-9.74569384765	01 0.99 -0.00 0.00	2.88353534415
						0.00 0.59 0.03	
	TRANSIENT 0.325					-0.00 -0.03 0.99	

	UNFC			UNWC		
5.45252052507	-01 3.37917100770	-03	-8.38265340116	-01	9.99965467649	-01 -1.69257819837
						-03 -8.13625753813

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFSET	REG55
	369646.09	9127.43	0	2100	2.8793	2.8835	2C99	2100	1	0	1

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DISPLAYS:	TIME	MODE	VERANDUN	H	HDDT	TTF	RANGE	ABVEL	TTF LPD	VHDRIZ	DELTAH
	369646.39	63	6 63	13266	- 1516	- 1 37	87	8144	63 72	8164	- 9

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ATTITUDE:	CDUTIME	CDUX	CDUY	CDUZ	DMEGAX	DMEGAY	DMEGAZ	ACTUAL	DESIRED
	369646.76	- 0.9118	57.9528	- 0.0439	- 0.0401	- 0.0282	- 0.1402		
	369646.76	0.3735	58.2275	- 0.0878	- 0.0659	- 0.2197	0.0000		

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369646.759	+ 9110.16	+ 1349151.9	+ 1013621.9	+ 424275.9	+ 114.96	- 194.95	- 89.46	+ 3949.87	
ENV	369646.759	+ 9084.48	+ 1349150.1	+ 1010887.9	+ 430728.7	+ 114.85	- 195.90	- 88.43	+ 3947.23	
ERR	0.000	25.68	1.8	2734.0	6452.7	0.10	0.94	1.03	2.64	
AGC	IN POUNDS	+20084.27	+ 4426351.7	+ 3325531.4	+ 1391981.6	+ 377.18	- 639.62	- 293.53	+ 12958.90	
ENV	ANO FOOTS	+20027.64	+ 4426345.7	+ 3316561.6	+ 1413152.0	+ 376.83	- 642.71	- 290.13	+ 12950.23	

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PIPTIME: 3.6964676000 05

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P63: 8RAKQUAO

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TPIP: 3.6964676000 05

	R ANO RG	V ANO VG
1.73995449999	06 -2.95656249999 03 -1.36745624999 04 -4.43958759307 01 -5.62782287597 00 2.39232521600 02	
3.88374999999	03 -4.82499999999 01 -1.51696249999 04 -4.41387176513 01 2.04544067382 00 2.43957519531 02	

	LANO	TTF	CG	AF
1.73605687499	06 -3.37862499999 03 1.48562499999 03 -9.54676513671 01 0.99 -0.00 0.00 2.88960523503 00			
			0.00 0.99 0.03	
			-0.00 -0.03 0.99	

	UNFC	UNWC
5.47653657879	-01 3.84102075552 -03 -8.36696311436 -01 9.99967674771 -01 -1.69917195252 -03 -7.85885472914 -03	

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	TIME	MASS	FWEIGHT	FCOLO	AF	AF	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369648.09	9110.16	2	2100	2.8843	2.8896	2097	2100	3	0	3

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	TIME	MOOE	VERBNOUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
DISPLAYS:	369648.35	63	6 63	12959	- 1519	- 1 35	85	7986	61 72	8004	- 9

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	COUTIME	CDUX	COUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369648.76	- 0.9887	57.7111	- 0.0329	- 0.0338	- 0.2374	0.1170	
	369648.76	0.3735	57.8759	- 0.0878	- 0.0604	- 0.0988	0.0000	DESIRE

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	TIME	MASS	RN				VN			ALTITUDE
ACC	369648.759	+ 9092.37	+ 1349377.9	+ 1013233.9	+ 424097.9	+ 111.86	- 191.60	- 87.89	+ 3856.81	
ENV	369648.759	+ 9066.82	+ 1349376.8	+ 1010499.5	+ 430553.3	+ 111.76	- 192.49	- 86.94	+ 3853.95	
ERR	0.000	25.54	1.1	2734.4	6455.3	0.09	0.89	0.94	2.86	

	IN PCUNDS	AND FOOTS							
ACC	+20045.03		+ 4427093.1	+ 3324258.5	+ 1391397.6	+ 367.00	- 628.61	- 288.35	+ 12653.58
ENV	+19988.72		+ 4427089.2	+ 3315287.3	+ 1412576.6	+ 366.69	- 631.54	- 285.26	+ 12644.19

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PIPTIME: 3.6964876000 05 P63: BRAKQUAD TPIP: 3.6964876000 05

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P63: BRAKQUAD  
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		R AND RG			V AND VG			
1.73986506249	06	-2.96781249999	03	-1.32009374995	04	-4.44992542266	01	-5.49831390380 00
3.79487499999	03	-4.52499999999	01	-1.46864999999	04	-4.42489624023	01	2.03742980957 00

		LAND		TTF		CG		AF
1.736056E7499	06	-3.37874999999	03	1.47649999999	03	-9.34722021484	01	0.99 -0.00 0.00
								0.00 0.99 0.03
		TRANSIENT	0.202					-0.00 -0.03 0.99

		UNFC			UNWC			
5.50473516717	-01	2.79040949723	-03	-8.34847962809	-01	9.99969762719	-01	-1.70572101588 -03 -7.58710501435 -03

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	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369650.09	9092.37	2	2103	2.8893	2.8995	2098	2103	5	0	5

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	TIME	MODE	VERBNOUN	H	FOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
DISPLAYS:	369650.39	63	6 63	12654	- 1517	- 1 33	82	7829	59 72	7845	- 6

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	CDUTIME	CDUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRE
ATTITUDE:	369650.76	- 1.0546	57.3925	0.0659	- 0.0372	- 0.0700	- 0.0239		
	369650.76	0.3735	57.8320	- 0.0878	- 0.0769	- 0.1977	- 0.0109		

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	TIME	MASS		RN		VN		ALTITUDE
AGC	369650.759	+ 9074.60	+ 1349597.9	+ 1012853.9	+ 423923.9	+ 108.83	- 188.17 - 86.38	+ 3763.68
ENV	369650.759	+ 9049.14	+ 1349597.2	+ 1010118.0	+ 430380.9	+ 108.70	- 189.06 - 85.44	+ 3760.72
ERR	0.000	25.45	0.7	2735.9	6456.9	0.13	0.88 0.94	2.95
AGC	IN PCUNDS	+20005.87	+ 4427814.9	+ 3323011.8	+ 1390826.7	+ 357.08	- 617.37 - 283.40	+ 12348.05
ENV	AND FDDTS	+19949.74	+ 4427812.5	+ 3314035.5	+ 1412011.0	+ 356.63	- 620.29 - 280.32	+ 12338.35

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PIPTIME: 3.6965076000 05 P63: BRAKQUAD TP1P: 3.6965076000 05

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P63: BRAKQUAD  
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R AND RG				V AND VG							
1.73977537499	06	-2.97874999999	03	-1.27369999999	04	-4.45197582244	01	-5.46035766601	00	2.29587554931	02
3.70562499999	03	-4.49999999999	01	-1.42132499999	04	-4.42760467529	01	1.98440551757	00	2.34310531616	02

LAND				TTF				CG			AFC	
1.73605687499	06	-3.37887499999	03	1.46737499999	03	-9.14731298828	01	0.99	-0.00	0.00	2.90832249447	00
								0.00	0.99	0.03		
								-0.00	-0.03	0.99		

UNFC				UNWC							
5.52228263418	-01	3.99722776301	-03	-8.33683373501	-01	9.99971736474	-01	-1.71209871174	-03	-7.32085851272	-03

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THRDTITLE:	TIME	MASS	FWEIGHT	FCDL0	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369652.09	9074.60	- 2	2105	2.9093	2.9083	2109	2105	- 4	0	- 4

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DISPLAYS:	TIME	MDDE	VERBNOUN	H	HDDT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
	369652.39	63	6 63	12348	- 1515	- 1 31	79	7673	57 72	7687	- 7

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ATTITUDE:	CDUTIME	CDUX	CDUY	CDUZ	DMEGAX	DMEGAY	DMEGAZ	ACTUAL
	369652.76	- 1.1315	57.2607	- 0.0219	- 0.0380	- 0.0516	- 0.0565	
	369652.76	0.3735	57.6123	- 0.0878	- 0.0549	- 0.1318	0.0000	OESIED

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369652.759	+ 9056.87	+ 1349811.9	+ 1012479.9	+ 423751.9	+ 105.79	- 184.74	- 84.87	+ 3670.43
ENV	369652.759	+ 9031.43	+ 1349811.6	+ 1009743.3	+ 430211.5	+ 105.65	- 185.61	- 83.92	+ 3667.63
ERR	0.000	25.43	0.3	2736.6	6459.5	0.13	0.87	0.94	2.80

	IN PCUNOS	ANO	FOOTS						
AGC	IN PCUNOS	+19566.79	+ 4428517.0	+ 3321784.7	+ 1390262.4	+ 347.08	- 606.10	- 278.45	+ 12042.11
ENV	ANO FOOTS	+19910.70	+ 4428515.8	+ 3312806.2	+ 1411455.3	+ 346.64	- 608.97	- 275.35	+ 12032.92

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PIPTIME: 3.6965276000 05

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P63: BRAKQUAO  
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TPIP: 3.6965276000 05

R AND RG				V ANO VC							
1.73968537499	06	-2.98962499999	03	-1.22826874999	04	-4.45501804351	01	-5.42731285055	00	2.2475428863	02
3.61612459999	03	-4.17495999999	01	-1.37496249999	04	-4.43130493164	01	1.87339782714	00	2.29478073120	02

LAND				TTF				CG				AFC			
1.73605687499	06	-3.37899999999	03	1.45824999999	03	-8.94759765624	01	0.99	-0.00	0.00	2.91800359264	00	0.00	0.99	0.03
								-0.00				-0.03			
TRANSIENT 0.164															

UNFC				UNWC							
5.54486291785	-01	4.92869256645	-03	-8.32178262280	-01	9.99973600554	-01	-1.71843915827	-03	-7.06011055460	-03

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	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369654.09	9056.87	6	2108	2.9093	2.9180	2100	2108	8	0	8

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	TIME	MODE	VERBNOUN	H	HDOT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	OELTAH
DISPLAYS:	369654.39	63	6 63	12042	- 1512	- 1 29	77	7519	55 72	7529	- 11

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	CDUTIME	CDUX	CDUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369654.76	- 1.2084	57.1618	- 0.0329	- 0.0358	- 0.0440	0.0354	DESIREO
	369654.76	0.3735	57.4365	- 0.0878	- 0.0329	- 0.0988	0.0329	

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	TIME	MASS		RN		VN		ALTITUDE
AGC	369654.759	+ 9039.18	+ 1350019.9	+ 1012113.9	+ 423583.9	+ 102.73	- 181.35 - 83.18	+ 3577.31
ENV	369654.759	+ 9013.74	+ 1350019.9	+ 1009375.5	+ 430045.2	+ 102.62	- 182.15 - 82.41	+ 3574.69
ERR	0.000	25.44	0.0	2738.4	6461.2	0.11	0.80	0.76

AGC	IN PCUNOS	+19927.78	+ 4429199.4	+ 3320583.9	+ 1389711.2	+ 337.04	- 594.99 - 272.90	+ 11736.58
ENV	ANO FOOTS	+19871.69	+ 4429199.1	+ 3311599.6	+ 1410909.6	+ 336.68	- 597.63 - 270.39	+ 11727.99

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PIPTIME: 3.6965476000 05

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P63: BRAKQUAO  
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TPIP: 3.69654760000 05

R AND RG				V ANO VG							
1.73959524999	06	-3.00043749999	03	-1.18379999999	04	-4.45746898651	01	-5.20439147949	00	2.19892501831	02
3.52649999999	03	-3.83749999999	01	-1.32957499999	04	-4.43443258339	01	1.94549560546	00	2.24610900878	02

LANO				TTF				CG				AFC			
1.73605667499	06	-3.37912499999	03	1.44912499999	03	-8.74827636718	01	0.99	-0.00	0.00	2.92773125653	00	0.00	0.99	0.03
								-0.00	-0.03	0.99					

UNFC				UNWC							
5.57100615381	-01	1.74638943449	-03	-8.30443167511	-01	9.99975359133	-01	-1.72475725102	-03	-6.80487601726	-03

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369656.09	9039.18	0	2111	2.9193	2.9277	2111	2111	0	0	0

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OISPLAYS:	TIME	MODE	VERBNOUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	OELTAH
	369656.39	63	6 63	11737	- 1510	- 1 27	74	7363	53 72	7369	- 12

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ATTITUDE:	COUTIME	CDUX	CDUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	OESIREO
	369656.76	- 1.2744	57.0959	0.1098	- 0.0359	- 0.0249	0.0300		
	369656.76	0.3735	57.3925	- 0.0878	- 0.0933	- 0.1757	- 0.0439		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369656.759	+ 9021.52	+ 1350221.9	+ 1011753.9	+ 423417.9	+ 99.72	- 177.87	- 81.65	+ 3484.24
ENV	369656.759	+ 8995.99	+ 1350222.1	+ 1009014.7	+ 429881.9	+ 99.59	- 178.67	- 80.88	+ 3481.93
ERR	0.000	25.53	0.1	2739.2	6463.9	0.13	0.79	0.76	2.31
AGC	IN POUNDS	+19888.85	+ 4429862.2	+ 3319402.8	+ 1389166.6	+ 327.19	- 583.58	- 267.88	+ 11431.26
ENV	ANO FOOT5	+19832.57	+ 4429862.6	+ 3310415.7	+ 1410373.8	+ 326.74	- 586.20	- 265.36	+ 11423.66

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PIPTIME: 3.69656760000 05

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P63: BRAKQUAO  
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TPIP: 3.69656760000 05

R AND RG				V AND VG							
1.73950512495	06	-3.01081249999	03	-1.14030624999	04	-4.45426464080	01	-5.16743659973	00	2.15048170089	02
3.43674999999	03	-4.09599999999	01	-1.28513749999	04	-4.43191528320	01	1.93748474121	00	2.19766616821	02

LANO				TTF				CG				AFC			
1.73605687499	06	-3.37924999999	03	1.43599599999	03	-8.54837548828	01	0.99	-0.00	0.00	2.93710269033	00	0.00	0.59	0.03
TRANSIENT 0.164								-0.00 -0.03 0.99							

UNFC				UNWC							
5.58903932690	-01	3.61481259761	-03	-8.29224533617	-01	9.99977016568	-01	-1.73080710256	-03	-6.55519953597	-03

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	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIE	PIFPSET	REG55
THROTTLE:	369658.09	9021.52	0	2114	2.9343	2.9371	2112	2114	2	0	2

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	TIME	MODE	VERBNCUN	H	FOCT	TTF	RANGE	ARVEL	TTF LPD	VHORIZ	OELTAF
OISPLAYS:	369658.39	63	6 62	11431	- 1507	- 1 25	72	7206	51 72	7210	- 12

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	CDUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	OESIREO
ATTITUDE:	369658.76	- 1.3513	56.9311	- 0.0219	- 0.0356	- 0.1309	- 0.1256		
	369658.76	0.3735	57.1728	- 0.0878	- 0.0604	- 0.1208	0.0000		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369658.759	+ 9003.90	+ 1350417.9	+ 1011401.9	+ 423255.9	+ 96.68	- 174.45	- 80.14	+ 3391.68
ENV	369658.759	+ 8978.24	+ 1350418.2	+ 1008660.8	+ 429721.7	+ 96.56	- 175.18	- 79.34	+ 3389.39
ERR	0.000	25.65	0.2	2741.1	6465.7	0.11	0.72	0.79	2.29

AGC	IN PCUNOS	+19850.00	+ 4430505.2	+ 3318248.0	+ 1388635.1	+ 317.20	- 572.36	- 262.93	+ 11127.58
ENV	AND FOOTS	+19793.44	+ 4430506.1	+ 3309254.8	+ 1409848.1	+ 316.82	- 574.74	- 260.31	+ 11120.06

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PIPTIME: 3.6965876000 05

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P63: 8RAKQUAO  
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TPIP: 3.6965876000 05

R AND RG				V ANO VG							
1.73941524999	06	-3.02112499999	03	-1.09778124999	04	-4.45807933807	01	-5.12785911560	00	2.10229778289	02
3.34737499999	03	-3.77499999999	01	-1.24167499999	04	-4.43634033203	01	1.82991027832	00	2.14948654174	02

LANO				TTF				CG			AFC	
1.73605687499	06	-3.37937499999	03	1.43087499999	03	-8.34817285156	01	0.99	-0.00	0.00	2.95092351734	00
								0.00	0.99	0.03		
								-0.00	-0.03	0.99		

UNFC				UNWC							
5.61575795088	-01	4.41056201709	-03	-8.27413544313	-01	9.99978576659	-01	-1.73682720255	-03	-6.31107392785	-03

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFSET	REG55
	369660.09	9003.90	8	2120	2.9343	2.9509	2109	2120	11	0	11

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OISPLAYS:	TIME	MOOE	VERBNOUN	H	HDOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
	369660.39	63	6 63	11128	- 1503	- 1 23	69	7050	49 72	7052	- 9

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ATTITUDE:	COUIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
	369660.76	- 1.4282	56.7883	- 0.0439	- 0.0354	- 0.0548	0.0548	
	369660.76	0.3735	56.9531	- 0.0878	- 0.0439	- 0.1098	0.0000	DESIREO

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369660.759	+ 8986.31	+ 1350607.9	+ 1011055.9	+ 423097.9	+ 93.66	- 170.99	- 78.45	+ 3259.43
ENV	369660.759	+ 8960.46	+ 1350608.4	+ 1008314.0	+ 429564.5	+ 93.56	- 171.65	- 77.80	+ 3297.09
FRR	0.000	25.85	0.4	2741.9	6466.5	0.10	0.66	0.64	2.33
AGC	IN PCUNOS	+19811.23	+ 4431128.6	+ 3317112.8	+ 1388116.7	+ 307.29	- 561.00	- 257.40	+ 10824.92
ENV	ANO FOOTS	+19754.23	+ 4431129.9	+ 3308116.8	+ 1409332.5	+ 306.95	- 563.17	- 255.26	+ 10817.25

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PIPTIME: 3.6966076000 05

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P63: BR AKOUAD  
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TPIP: 3.6966076000 05

R AND RG				V AND VG							
1.73932556249	06	-3.03137499999	03	-1.05622499999	04	-4.45331096649	01	-4.93974685668	00	2.05337238311	02
3.25795999999	03	-3.48745999999	01	-1.19919999999	04	-4.43225860595	01	1.86767578125	00	2.10052108764	02

LAND				TTF				CG				AFC							
1.73605659999	06	-3.37945999999	03	1.42174999999	03	-8.14889541406	01	0.99	-0.00	0.00	2.96029495075	00	0.00	0.99	0.03				
								-0.00				-0.03				0.99			

UNFC				UNWC							
5.63785509214	-01	2.03391841001	-03	-8.25918738603	-01	9.99980043486	-01	-1.74281001716	-03	-6.07245887978	-03

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	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIPPSET	REG55
THROTTLE:	369662.10	8986.31	- 2	2122	2.9543	2.9602	2126	2122	- 4	0	- 4

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	TIME	MODE	VERBNOUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
OISPLAYS:	369662.35	63	6 63	10825	- 1500	- 1 21	67	6895	47 72	6891	- 6

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	COUTIME	CDUX	CDUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIREO
ATTITUDE:	369662.76	- 1.2854	56.6784	- 0.0329	0.0875	- 0.0838	- 0.0027		
	369662.76	0.3735	56.7773	- 0.0878	- 0.0878	- 0.0878	- 0.0439		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369664.759	+ 8951.23	+ 1350969.9	+ 1010385.9	+ 422789.9	+ 87.84	- 163.88	- 75.33	+ 3115.43
ENV	369664.759	+ 8924.78	+ 1350970.6	+ 1007641.6	+ 429259.5	+ 87.57	- 164.54	- 74.69	+ 3113.45
ERR	0.000	26.45	0.6	2744.3	6469.5	0.27	0.65	0.63	1.98
AGC	IN POUNOS	+19733.89	+ 4432316.2	+ 3314914.6	+ 1387106.2	+ 288.21	- 537.68	- 247.16	+ 10221.25
ENV	ANO FOOTS	+19675.57	+ 4432318.4	+ 3305910.8	+ 1408331.8	+ 287.32	- 539.83	- 245.07	+ 10214.73

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PIPTIME: 3.69664760000 05

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P63: BRAKQUAD  
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TPIP: 3.69664760000 05

R AND RG				V ANO VG							
1.73914624999	06	-3.05099999999	03	-9.76024999999	03	-4.42144393920	01	-4.86993789672	00	1.95643758773	02
3.07549999999	03	-3.32499999999	01	-1.11712459999	04	-4.40158843994	01	1.72004699707	00	2.00359725952	02

LANO				TTF				CG				AFC			
1.73605659999	06	-3.37974999999	03	1.40349999999	03	-7.74827783203	01	0.99	-0.00	0.00	2.97680730000	00	0.00	0.99	0.03
TRANSIENT 0.114								-0.00				-0.03			

UNFC				UNWC							
5.64173167177	-01	4.96577217105	-03	-8.25641531659	-01	9.99982713873	-01	-1.75427644000	-03	-5.61199332625	-03

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	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369666.09	8951.23	6	2126	2.9643	2.9768	2118	2126	8	0	8

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	TIME	MODE	VERBNCUN	H	FOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
OISPLAYS:	369666.39	63	6 63	10221	- 1487	- 1 17	63	6583	43 72	6573	- 10

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	COU TIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369666.76	- 0.9338	56.5905	0.0769	0.0879	0.0364	0.0181	
	369666.76	0.3735	56.7773	- 0.0878	- 0.0329	- 0.0988	0.0329	DESIREO

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	TIME	MASS		RN		VN		ALTITUDE
AGC	369666.759	+ 8533.20	+ 1351141.9	+ 1010059.9	+ 422639.9	+ 84.87	- 160.25 - 73.85	+ 3023.93
ENV	369666.759	+ 8906.93	+ 1351142.8	+ 1007316.1	+ 429111.7	+ 84.59	- 160.96 - 73.13	+ 3022.15
ERR	0.000	26.27	0.8	2743.8	6471.7	0.28	0.70 0.72	1.78

AGC	IN PCUNOS	+19694.14	+ 4432880.5	+ 3313845.1	+ 1386614.1	+ 278.47	- 525.77 - 242.29	+ 9921.05
ENV	ANO FOOT5	+19636.22	+ 4432883.2	+ 3304842.8	+ 1407846.8	+ 277.53	- 528.09 - 239.92	+ 9915.20

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PIPTIME: 3.69666760000 05

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P63: BRAKQUAO
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TPIP: 3.69666760000 05

R AND RG				V ANO VG							
1.73905621249	06	-3.06069749999	03	-9.37387499999	03	-4.40804481506	01	-4.93478775024	00	1.90727281570	02
2.99037499999	03	-2.59999999999	01	-1.07756249999	04	-4.38880920410	01	1.49230957031	00	1.95447158813	02

LANO				TTF				CG				AFC			
1.73605699999	06	-3.37987499999	03	1.39437499999	03	-7.54861279296	01	0.99 -0.00	0.00	2.98517523333	CC	0.00	0.99	0.03	
TRANSIENT 0.228				-0.00 -0.03				0.99							

UNFC				UNWC							
5.65656278057	-01	8.52180239956	-03	-8.24597085841	-01	9.99983924454	-01	-1.75994635122	-03	-5.39012254767	-03

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	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369668.10	8933.20	- 4	2127	2.9843	2.9851	2133	2127	- 6	C	- 6

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	TIME	MODE	VERBNOUN	H	HDOT	TTF	RANGE	ARVEL	TTF LPO	VHORIZ	DELTAH
DISPLAYS:	369668.39	63	6 63	9921	- 1479	- 1 15	60	6424	41 72	6412	- 12

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	COUTIME	CDUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369668.76	- 0.7580	56.5686	0.0769	0.0871	- 0.0318	- 0.0152	
	369668.76	0.3735	56.7333	- 0.0439	0.0439	- 0.1428	0.1208	OESIED

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369668.759	+ 8915.20	+ 1351307.9	+ 1009741.9	+ 422493.5	+ 81.89	- 156.66	- 72.26	+ 2932.93
ENV	369668.759	+ 8889.03	+ 1351309.0	+ 1006997.7	+ 428967.0	+ 81.60	- 157.36	- 71.54	+ 2931.22
ERR	0.000	26.16	1.0	2744.2	6473.0	0.29	0.69	0.72	1.71

	IN PDUNGS	AND FOOTS							
AGC	+19654.46	+ 4433425.1	+ 3312801.8	+ 1386135.1	+ 268.70	- 514.00	- 237.09	+ 9622.49	
ENV	+19596.77	+ 4433428.6	+ 3303798.4	+ 1407372.1	+ 267.72	- 516.28	- 234.72	+ 9616.88	

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PIPTIME:	3.69668760000	05		P63: 8RAKQUAD		TPIP:	3.69668760000	05
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R ANO RG				V ANO VG							
1.73896781249	06	-3.07049999999	03	-8.99737499999	03	-4.39509868621	01	-4.88996505737	00	1.85802555084	02
2.90187499999	03	-2.43749999999	01	-1.03896249999	04	-4.37648773193	01	1.32637023925	00	1.90523529052	02

LANO				TTF				CG				AFC				
1.73605699999	06	-3.37999999999	03	1.38524999999	03	-7.34907080078	01	0.99	-0.00	0.00	2.99477949738	00				
								0.00	0.99	0.03						
								-0.00	-0.03	0.99						

TRANSIENT 0.107

UNFC				UNWC							
5.67181817049	-01	8.84587719935	-03	-8.23545103115	-01	9.99985056453	-01	-1.76568328427	-03	-5.17389920678	-03

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	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFSET	REG55
THRITTLE:	369670.09	8915.20	6	2130	2.9893	2.9947	2122	2130	8	0	8

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	TIME	MODE	VERBNDUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPD	VHDRIZ	DELTAP
DISPLAYS:	369670.39	63	6 63	9622	- 1472	- 1 13	58	6265	39 72	6250	- 10

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	CDUTIME	CDUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369670.76	- 0.5822	56.3818	0.3076	0.0921	- 0.1635	0.1857	
	369670.76	0.3735	56.5576	0.1318	0.0439	- 0.0878	0.0329	DESIRED

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	TIME	MASS	RN			VN			ALTITUDE
ACC	369670.759	+ 8897.25	+ 1351467.9	+ 1009431.9	+ 422349.9	+ 78.93	- 153.01	- 70.65	+ 2842.24
ENV	369670.759	+ 8871.17	+ 1351469.2	+ 1006686.6	+ 428825.5	+ 78.62	- 153.76	- 69.95	+ 2840.70
ERR	0.000	26.07	1.2	2745.3	6475.5	0.31	0.74	0.70	1.54

	IN POUNDS								
ACC	AND FQDTS	+19614.87	+ 4433950.1	+ 3311784.7	+ 1385662.7	+ 258.98	- 502.02	- 231.79	+ 9324.96
ENV		+19557.38	+ 4433954.2	+ 3302777.7	+ 1406907.9	+ 257.95	- 504.48	- 229.50	+ 9319.88

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PIPTIME: 3.6967076000 05

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P63: 8RAKQUAD  
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TIPTIME: 3.6967076000 05

R AND RG				V AND VG							
1.73887893749	06	-3.08024999999	03	-8.63068749999	03	-4.37664508819	01	-4.843378067C1	00	1.80835199356	02
2.81337499999	03	-2.18749999999	01	-1.00137499999	04	-4.35859680175	01	1.20849609375	00	1.85556793212	02

LAND				TTF				CG				AFC							
1.73605699999	06	-3.38012499999	03	1.37612499999	03	-7.14989404296	01	0.99	-0.00	0.00	3.00	124520435	00	0.00	0.99	0.03			
								-0.00				-0.03				0.99			

TRANSIENT 0.121

UNFC				UNWC							
5.6856353525	-C1	1.01177195921	-02	-8.22577119355	-01	9.99986113876	-C1	-1.77137552683	-03	-4.96329364335	-03

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	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFSET	REC55
THROTTLE:	369672.10	8897.25	0	2130	2.9943	3.0012	2131	2130	- 1	0	- 1

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	TIME	MODE	VERBNOUN	H	HDOT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
DISPLAYS:	369672.39	63	6 63	9325	- 1466	- 1 11	56	6107	37 72	6087	- 12

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	CDUTIME	CDUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369672.76	- 0.3955	56.2060	0.5053	0.0278	- 0.0044	0.0106	
	369672.76	0.3735	56.5136	0.1318	0.0714	- 0.1428	0.0659	DESIPED

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369672.759	+ 8879.32	+ 1351621.9	+ 1009129.9	+ 422211.9	+ 75.95	- 149.48	- 68.83	+ 2752.18	
ENV	369672.759	+ 8853.25	+ 1351623.5	+ 1006382.7	+ 428687.2	+ 75.66	- 150.14	- 68.31	+ 2750.60	
ERR	0.000	26.06	1.5	2747.2	6475.2	0.29	0.66	0.51	1.57	

ACC	IN POUNDS	+19575.35	+ 4434455.3	+ 3310793.5	+ 1385209.9	+ 249.20	- 490.42	- 225.84	+ 9029.48
ENV	ANO FOOTS	+19517.88	+ 4434460.4	+ 3301740.6	+ 1406454.2	+ 248.24	- 492.60	- 224.13	+ 9024.30

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PIPTIME: 3.6967276000 05      P63: BRAKQUAD      TPIP: 3.6967276000 05

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P63: BRAKQUAD  
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R AND RG				V ANO VG							
1.73879062499	06	-3.08987499999	03	-8.27393749959	03	-4.36122894287	01	-4.56585884094	00	1.75E75240036	02
2.72549999999	03	-1.92499999999	01	-9.64762499959	03	-4.34383392333	01	1.31835937500	00	1.80593872070	02

LANO				TTF		CG			AFC		
1.73605699999	06	-3.38024999999	03	1.36659599959	03	-6.95049804687	01	0.99 - 0.00	0.00	3.01035121083	00
								0.00	0.99	0.03	
								-0.00	-0.03	0.99	

TRANSIENT 0.295

UNFC				UNWC							
5.70281620802	-01	5.38618816237	-03	-8.21431592983	-01	9.99987099946	-01	-1.77700817034	-03	-4.75838033870	-03

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369674.17	8879.32	0	2132	3.0093	3.0103	2132	2132	1	0	1

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OISPLAYS:	TIME	MOOF	VERBNCUN	H	H00T	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
	369674.48	63	6 63	9029	- 1456	- 1 9	54	5947	35 72	5925	- 10

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ATTITUDE:	CDUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
	369674.76	- 0.2307	56.1840	0.4504	0.0866	- 0.0268	- 0.0387	
	369674.76	0.3735	56.3378	0.1318	- 0.0274	- 0.0878	- 0.0769	OESIREO

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369674.759	+ 8861.43	+ 1351769.9	+ 1008833.9	+ 422073.9	+ 72.85	- 145.79	- 67.19	+ 2662.31	
ENV	369674.759	+ 8835.34	+ 1351771.9	+ 1006086.0	+ 428552.2	+ 72.71	- 146.52	- 66.67	+ 2660.99	
FRR	0.000	26.09	1.9	2747.9	6478.2	0.14	0.72	0.51	1.32	

	IN POUNOS	ANO FOOT								
AGC	+19535.92	+ 4434940.9	+ 3309822.8	+ 1384757.2	+ 239.03	- 478.32	- 220.44	+ 8734.62		
ENV	+19478.40	+ 4434947.2	+ 3300807.2	+ 1406011.3	+ 238.55	- 480.70	- 218.74	+ 8730.28		

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PIPTIME:	3.69674760000	05		TPIP:	3.69674760000	05
			P63: BRAKQUAD			

	R ANO RG					V ANO VG					
1.73870231249	06	-3.09893749999	03	-7.92712499995	03	-4.35043334960	01	-4.50739860534	00	1.70788335800	02
2.63749999999	03	-2.18749999999	01	-9.29137499999	03	-4.33364868164	01	1.309967041C1	00	1.75502395629	02

	LANO					TTF	CG	AFC		
1.73605699999	06	-3.38037499999	03	1.35787499999	03	-6.75286083984	01	0.99 -0.00 0.00	3.01928957924	00
								0.00 0.99 0.03		
								-0.00 -0.03 0.99		

	UNFC					UNWC					
5.74576133815	-01	7.86643753428	-03	-8.18413334208	-01	9.99988018607	-01	-1.78231297442	-03	-4.55916669156	-03

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	ΔFC	FP	FC	PIF	PIFPSET	REG55
	369676.10	8861.43	0	2134	3.0193	3.0192	2135	2134	- 1	0	- 1

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OISPLAYS:	TIME	MODE	VERBNGUN	H	FOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
	369676.40	63	6 63	8735	- 1449	- 1 7	52	5787	33 72	5758	- 13

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ATTITUDE:	COUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
	369676.76	- 0.0549	56.1950	0.2526	0.0841	0.0215	- 0.1456	
	369676.76	0.3735	56.2500	0.1318	0.0329	- 0.2307	- 0.0219	OESIREO

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369676.759	+ 8843.58	+ 1351911.9	+ 1008543.9	+ 421941.9	+ 69.90	- 142.14	- 65.54	+ 2572.87	
ENV	369676.759	+ 8817.42	+ 1351914.3	+ 1005796.6	+ 428420.5	+ 69.75	- 142.87	- 65.03	+ 2571.87	
ERR	0.000	26.15	2.3	2747.3	6478.5	0.14	0.73	0.51	1.00	

	IN PCUNDS	+19496.56	+ 4435406.8	+ 3308871.2	+ 1384324.1	+ 229.34	- 466.35	- 215.05	+ 8441.19
AGC									
ENV	AND FDOTS	+19438.90	+ 4435414.6	+ 3299857.8	+ 1405579.2	+ 228.86	- 468.74	- 213.37	+ 8437.89

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PIPTIME:	3.69676760000	05		TPIP:	3.69676760000	05

R AND RG				V AND VG							
1.73861437499	06	-3.10787499999	03	-7.59049999999	03	-4.33073997497	01	-4.43339347839	00	1.65818929672	02
2.54987499999	03	-1.96249999999	01	-8.94549999999	03	-4.31453704833	01	1.22299194335	00	1.70532608032	02

LAND				TTF				CG				AFC				
1.73605699999	06	-3.38049999999	03	1.34874999999	02	-6.55362841756	01	0.99	-0.00	0.00	3.02873784676	00				
								0.00	0.99	0.03						
								-0.00	-0.03	0.99						

UNFC				UNWC							
5.76359703461	-01	8.46764797455	-03	-8.17152244788	-01	9.99988872248	-01	-1.78753583902	-03	-4.36578689244	-03

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THRDTITLE:	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFSET	REG55
	369678.10	8843.58	2	2137	3.0243	3.0287	2134	2137	3	0	3

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DISPLAYS:	TIME	MODE	VERBNDUN	H	HDDT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
	369678.39	63	6 63	8441	- 1443	- 1 5	50	5624	31 72	5595	- 12

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ATTITUDE:	CDUTIME	CDUX	CDUY	CDUZ	DMEGAX	DMEGAY	DMEGAZ	ACTUAL
	369678.76	0.1203	55.8874	0.2197	0.0890	- 0.3111	0.0499	
	369678.76	0.3735	55.8544	0.1318	0.0439	- 0.1098	- 0.0219	DESIRED

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369678.759	+ 8825.77	+ 1352047.9	+ 1008263.5	+ 421811.9	+ 66.93	- 138.60	- 63.66	+ 2484.06	
ENV	369678.759	+ 8799.51	+ 1352050.9	+ 1005514.5	+ 428292.1	+ 66.81	- 139.21	- 63.41	+ 2483.24	
ERR	0.000	26.25	2.9	2749.4	6480.1	0.11	0.60	0.25	0.81	

	IN POUNDS								
AGC	+19457.29	+ 4435853.0	+ 3307952.7	+ 1383857.6	+ 219.59	- 454.75	- 208.88	+ 8149.81	
ENV	AND FOOT5	+19399.40	+ 4435862.7	+ 3298932.3	+ 1405157.8	+ 219.21	- 456.75	- 208.05	+ 8147.14

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PIPTIME:	3.6967876000	05		PIP:	3.6967876000	05
			63: BRAKQUAD			

R AND RG				V AND VG							
1.73852693749	06	-3.11668749999	03	-7.26381249999	03	-4.31302547454	01	-4.09440954262	00	1.60846233367	02
2.46274999999	03	-1.79999999999	01	-8.60562499999	03	-4.29744720458	01	1.40724182128	00	1.65550613403	02

LAND				TTF				CG			AFC	
1.73605699999	06	-3.38062499999	03	1.33962499999	03	-6.35441943359	01	0.99	-0.00	0.00	3.0401488766C	00
								0.00	0.99	0.03		
								-0.00	-0.03	0.95		

UNFC				UNWC							
5.78667519175	-01	2.01802165872	-03	-8.15561052183	-01	9.99989664773	-01	-1.79269910966	-03	-4.17810681063	-03

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369680.10	8825.77	10	2141	3.0193	3.0401	2128	2141	13	0	13

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DISPLAYS:	TIME	MODE	VERBNOUN	H	HDOT	TTF	RANGE	ARVEL	TTF LPD	VHORIZ	DELTAH
	369680.40	63	6 63	8150	- 1435	- 1 3	48	5465	29 72	5431	- 11

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ATTITUDE:	CDUTIME	CDUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
	369680.76	0.2966	55.4589	0.2087	0.0867	- 0.0807	- 0.0384	
	369680.76	0.3735	55.6347	0.0878	- 0.0878	- 0.1208	- 0.1867	DESIRED

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369680.759	+ 8807.99	+ 1352177.9	+ 1007989.9	+ 421685.9	+ 63.94	- 134.87	- 62.02	+ 2395.99	
ENV	369680.759	+ 8781.55	+ 1352181.6	+ 1005239.8	+ 428166.9	+ 63.91	- 135.52	- 61.77	+ 2395.19	
ERR	0.000	26.43	3.6	2750.1	6480.9	0.03	0.64	0.24	0.80	

	IN POUNDS								
AGC	+19418.09	+ 4436279.5	+ 3307053.8	+ 1383484.2	+ 209.80	- 442.51	- 203.47	+ 7860.89	
ENV	+19359.81	+ 4436291.6	+ 3298030.8	+ 1404747.1	+ 209.70	- 444.63	- 202.66	+ 7858.25	

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PIPTIME:	3.6968076000	05		P63: BRAKQUAO	TPIP:	3.6968076000	05
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	R ANO RG					V ANO VG		
1.73844012499	06	-3.12481249999	03	-6.94706249999	03	-4.29085254669	01	-4.04911041259
2.37624999999	03	-2.13749999999	01	-8.28337499999	03	-4.27585601806	01	1.40495300292

	LANO			TTF		CG		AFC
1.73605699999	06	-3.38074999999	03	1.33049999999	03	-6.15591503906	01	0.99 -0.00 0.00
								0.00 0.99 0.03
								-0.00 -0.03 0.99

TRANSIENT 0.258

	UNFC					UNWC		
5.80977394123	-01	5.51811523261	-03	-8.13900987787	-01	9.99990400055	-01	-1.79746747709
								-03 -3.99611146798 -03

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	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFSET	REC55
THROTTLE:	369682.10	8807.99	- 4	2142	3.0443	3.0476	2149	2142	- 7	0	- 7

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	TIME	MOOE	VERBNOUN	H	H00T	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTA
DISPLAYS:	369682.40	63	6 63	7861	- 1425	- 1 1	47	5305	27 71	5266	- 8

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	COUTIME	COUX	COUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369682.76	0.4614	55.3930	- 0.1098	0.0823	- 0.0620	- 0.2210	OESIREO
	369682.76	0.3735	55.4589	- 0.0878	- 0.0109	- 0.0988	0.0000	

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369684.759	+ 8772.00	+ 1352421.9	+ 1007463.9	+ 421443.9	+ 58.19	- 127.34	- 58.75	+ 2223.31	
ENV	369684.759	+ 8745.37	+ 1352425.8	+ 1004712.6	+ 427926.3	+ 58.16	- 127.99	- 58.49	+ 2221.15	
ERR	0.000	26.63	3.8	2751.3	6482.3	0.02	0.64	0.25	2.15	

AGC	IN POUNDS	+19338.76	+ 4437080.0	+ 3305328.0	+ 1382690.2	+ 190.91	- 417.79	- 192.76	+ 7294.33
ENV	ANO FOOTS	+19280.04	+ 4437092.6	+ 3296301.4	+ 1403957.9	+ 190.82	- 419.92	- 191.92	+ 7287.25

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PIPTIME:	3.6968476000	05		P64: APPRQUAD	TPIP:	3.6968476000	05
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R ANO RG				V ANO VG							
1.73826974999	06	-3.14087499999	03	-6.34381249999	03	-4.22663688659	01	-4.01153564453	00	1.45790529251	02
2.20649999999	03	-2.25624999999	02	-7.65812499999	03	-4.21268463134	01	5.29136657714	00	1.50408935546	02

LAND				TTF				CG			AFC	
1.73605699999	06	-3.38099999999	03	1.31224999999	03	-1.70142524414	02	0.99	-0.00	0.00	3.12452903017	00
								0.00	0.99	0.05		
								-0.00	-0.05	0.99		

UNFC				UNWC							
6.95923123636	-01	1.45449715286	-02	-7.17568975507	-01	-1.03063209799	-01	-4.83502749526	-02	9.93498981226	-01

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369685.81	8772.00	- 10	2187	3.0843	3.1245	2203	2187	- 16	0	- 16

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OISPLAYS:	TIME	MOOE	VERBNOUN	H	HOOT	TTF	RANGE	A8VEL	TTF LPO	VHORIZ	DELTAH
	369686.12	64	6 64	7294	- 1403	- 2 50	43	4981	99 71	4937	- 8

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ATTITUDE:	CDUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
	369686.76	3.5815	48.9111	0.4064	1.8088	- 4.1037	0.4307	
	369686.76	3.6364	47.5378	0.2746	- 0.1483	- 0.9228	0.2856	DESIREO

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369686.759	+ 8753.79	+ 1352535.9	+ 1007213.9	+ 421327.9	+ 55.78	- 123.49	- 57.10	+ 2138.49	
ENV	369686.759	+ 8726.40	+ 1352539.7	+ 1004460.5	+ 427810.9	+ 55.75	- 124.15	- 56.85	+ 2135.64	
ERR	0.000	27.38	3.7	2753.4	6482.9	0.02	0.65	0.25	2.85	

AGC	IN PCUNDS	ANO	FOOTS							
	+19298.61	+ 4437454.0	+ 3304507.8	+ 1382309.7	+ 183.02	- 405.17	- 187.35	+ 7016.07		
ENV	+19238.24	+ 4437466.2	+ 3295474.1	+ 1403579.3	+ 182.93	- 407.33	- 186.53	+ 7006.70		

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PIPTIME:	3.69686760000	05		P64: APPRQUAO	PTIP:	3.69686760000	05
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R AND RG				V AND VG							
1.73818593749	06	-3.14887499999	03	-6.05699999999	03	-4.15258884429	01	-4.00767326354	C0	1.41021060943	02
2.12299999999	03	-1.92374999999	02	-7.36287499999	03	-4.13917541503	01	4.47883605957	00	1.45664215087	02

LAND				TTF				CG			AFC	
1.73605699999	06	-3.38112499999	03	1.30312499999	03	-1.68336552734	02	0.99	-0.00	0.00	3.089C9220620	00
TRANSIENT 0.793								0.00	0.99	0.05		
								-0.00	-0.05	0.99		

UNFC				UNWC							
7.05780370523	-01	1.53042514224	-02	-7.08265379976	-01	-2.76154115488	-01	-3.04289080435	-02	9.60631555828	-01

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	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369687.81	8753.79	- 2	2157	3.1092	3.6890	2161	2157	- 4	0	- 4

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	TIME	MODE	VERBNOUN	H	HDQT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
DISPLAYS:	369688.12	64	6 64	7016	- 1377	- 2 48	41	4824	99 65	4781	- 8

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	COUTIME	CDUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369688.76	4.2956	44.2089	0.4284	- 0.6923	- 0.4804	0.1187	
	369688.76	3.0322	46.0107	0.6372	- 0.7415	- 0.6481	0.1647	DESIREO

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	TIME	MASS	PN				VN			ALTITUDE
AGC	369688.759	+ 8735.08	+ 1352645.9	+ 1006971.9	+ 421215.9	+ 53.79	- 119.60	- 55.29	+ 2055.62	
ENV	369688.759	+ 8707.50	+ 1352649.1	+ 1004216.1	+ 427699.0	+ 53.77	- 120.25	- 55.04	+ 2052.04	
ERR	0.000	27.57	3.1	2755.8	6483.0	0.02	0.64	0.24	3.57	

	IN POUNDS AND FOOTS								
AGC	+19257.37	+ 4437814.9	+ 3303713.9	+ 1381942.2	+ 176.50	- 392.41	- 181.42	+ 6744.17	
ENV	+19196.57	+ 4437825.4	+ 3294672.2	+ 1403212.2	+ 176.41	- 394.53	- 180.60	+ 6732.44	

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PIPTIME: 3.6968876000 05

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P64: APPRQUAO  
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TP IP: 3.6968876000 05

R AND RG

1.73810399999	C6	-3.15674999999	03	-5.77956249999	03	-4.03957843780	01	-3.87387275695	00	1.36430531091	02
2.04124999999	03	-1.58874999999	02	-7.07699999999	03	-4.02671813964	01	3.84407043457	00	1.41086959838	02

V AND VG

LANO

1.73605699999	06	-3.38124999999	03	1.29399999999	03	-1.66482597656	02	0.99 -0.00 0.00	3.04651213809	00
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TTF

CG

AFC

TRANSIENT 0.596

0.00	0.99	0.05
-0.00	-0.05	0.99

UNFC

7.13104641641	-01	1.46698371150	-02	-7.00904106100	-01	-2.77849549330	-01	-3.03974243336	-02	9.60143543711	-01
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UNWC

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369689.81	8735.08	- 54	2123	3.1742	3.0465	2210	2123	- 87	0	- 87

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OISPLAYS:	TIME	MODE	VER8NDON	H	HOOT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
	369690.15	64	6 64	6744	- 1339	- 2 46	40	4669	99 60	4630	- 8

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ATTITUDE:	CDUTIME	CDUX	COUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
	369690.76	2.9223	43.6526	0.6701	- 0.6910	- 0.0553	0.1700	
	369690.76	2.1752	44.9890	0.7800	- 0.0659	- 0.4724	- 0.0109	OESIRE0

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369690.759	+ 8716.95	+ 1352751.9	+ 1006735.9	+ 421107.9	+ 52.16	- 115.83	- 53.59	+ 1975.24
ENV	369690.759	+ 8689.37	+ 1352755.0	+ 1003979.4	+ 427590.7	+ 52.13	- 116.49	- 53.35	+ 1971.06
ERR	0.000	27.58	3.0	2756.5	6482.7	0.03	0.65	0.24	4.18

	IN POUNDS	AND FOOT	AND FOOT	AND FOOT	AND FOOT	AND FOOT	AND FOOT	AND FOOT	AND FOOT
AGC	+19217.40	+ 4438162.7	+ 3302939.6	+ 1381587.9	+ 171.13	- 380.04	- 175.84	+ 6480.47	
ENV	+19156.59	+ 4438172.8	+ 3293895.7	+ 1402856.6	+ 171.03	- 382.18	- 175.03	+ 6466.73	

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PIPTIME: 3.6969076000 05

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P64: APPROQAD  
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TPIP: 3.6969076000 05

R AND RG				V AND VG							
1.73802449999	06	-3.16443749999	03	-5.51093749999	03	-3.90860557556	01	-3.79004478454	00	1.32180070877	02
1.96212499999	03	-1.57749999999	02	-6.79899999999	03	-3.89621734619	01	3.82537841796	00	1.36833190917	02

LAND				TTF				CG			AFC	
1.73605659999	06	-3.38137499999	03	1.28487499999	03	-1.64424731445	02	0.99	-0.00	0.00	3.00454674288	00
								0.00	0.69	0.05		
								-0.00	-0.05	0.99		

UNFC				UNWC							
7.18046975474	-01	1.47863901634	-02	-6.95837555523	-01	-2.77960126062	-01	-3.06403125348	-02	9.60103817077	-01

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	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369691.81	8716.95	- 14	2089	3.1142	3.0045	2112	2089	- 23	0	- 23

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	TIME	MODE	VERBNOUN	H	HDOT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
DISPLAYS:	369692.32	64	6 64	6480	- 1295	- 2 44	38	4523	99 60	4491	- 8

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	CDUTIME	CDUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRED
ATTITUDE:	369692.76	1.5270	43.7475	0.7360	- 0.6981	0.0129	- 0.1229		
	369692.76	2.1752	44.3298	0.7800	- 0.0659	- 0.0329	0.0000		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369692.759	+ 8699.39	+ 1352853.9	+ 1006507.9	+ 421001.9	+ 50.51	- 112.25	- 51.95	+ 1897.49
ENV	369692.759	+ 8671.77	+ 1352857.7	+ 1003750.0	+ 427485.6	+ 50.48	- 112.90	- 51.70	+ 1892.60
ERP	0.000	27.62	3.7	2757.9	6493.6	0.03	0.65	0.24	4.89

	IN POUNDS								
AGC	+19179.68	+ 4438497.3	+ 3302191.6	+ 1381240.1	+ 165.74	- 368.29	- 170.45	+ 6225.39	
ENV	+19117.78	+ 4438509.5	+ 3293143.1	+ 1402511.9	+ 165.64	- 370.43	- 169.64	+ 6209.32	

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PIPTIME:	3.69692760000	05		P64: APPRQUAD	TP1P:	3.69692760000	05
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R AND RG				V AND VG							
1.73794749999	06	-3.17193749999	03	-5.25068749999	03	-3.79065990447	01	-3.68628501892	00	1.28078651428	02
1.88524959999	03	-1.47874999999	02	-6.52562499999	03	-3.77872467041	01	3.65371704101	00	1.32732009887	02

LAND				TTF				CG				AFC				
1.73605659999	06	-3.38149999999	03	1.27574999599	03	-1.62316484374	02	0.99	-0.00	0.00	2.96665122732	00				
								0.00	0.59	0.05						
								-0.00	-0.05	0.99						

TRANSIENT 0.441

UNFC				UNWC							
7.23383169087	-01	1.45577457613	-02	-6.90293316438	-01	-2.78104311582	-01	-3.07649316598	-02	9.60058080020	-01

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	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THRITTLE:	369693.88	8699.39	- 14	2059	3.0193	2.9666	2081	2059	- 22	0	- 22

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	TIME	MODE	VFRNDOUN	H	FOCT	TTF	RANGE	APVEL	TTF LPD	VHORIZ	DELTAH
DISPLAYS:	369694.19	64	6 64	6225	- 1255	- 2 42	37	4383	99 60	4356	- 8

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	COUTIME	COUX	COUY	CDUJ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369694.76	1.0217	43.9562	0.6481	- 0.0743	0.2363	0.0181	
	369694.76	2.1752	44.2639	0.7800	- 0.0549	- 0.1208	- 0.0109	DESIRED

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	TIME	MASS		RN		VN		ALTITUDE
AGC	369654.759	+ 8681.87	+ 1352953.9	+ 1006285.9	+ 420859.9	+ 48.85	- 108.66 - 50.44	+ 1822.06
ENV	369694.759	+ 8654.29	+ 1352957.0	+ 1003527.7	+ 427383.8	+ 48.82	- 109.36 - 50.10	+ 1816.51
ERR	0.000	27.57	3.0	2758.2	6483.8	0.03	0.69 0.34	5.54

AGC	IN POUNDS	+19140.05	+ 4438825.4	+ 3301463.2	+ 1380905.5	+ 160.28	- 356.52 - 165.51	+ 5977.89
ENV	AND FOOTS	+19079.26	+ 4438835.3	+ 3292413.9	+ 1402177.9	+ 160.17	- 358.80 - 164.37	+ 5959.71

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PIPTIME: 3.6969476000 05

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P64: APPROUAG  
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TPIP: 3.6969476000 05

R AND RG				V AND VG							
1.73787281249	06	-3.17924999999	03	-4.99862499999	03	-3.67702484130	01	-3.71289253234	00	1.24002361297	02
1.81087459999	03	-1.42999599999	02	-6.26824999999	03	-3.66554260253	01	3.45344543457	00	1.28660964965	02

LAND				TTF				CG		AFC	
1.73605659999	06	-3.38162499999	03	1.26662499999	03	-1.60251972656	02	0.99 -0.00	0.00	2.92915808998	00
								0.00 0.99	0.05		
								-0.00 -0.05	0.99		

UNFC				UNWC							
7.29071921789	-01	1.59123218578	-02	-6.84252095993	-01	-2.78214848381	-01	-3.10077101750	-02	9.60018239435	-01

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	TIME	MASS	FWEIGHT	FCCLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369696.02	8681.87	- 22	2029	2.9943	2.9291	2060	2029	- 31	0	- 31

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	TIME	MODE	VERBNOUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
DISPLAYS:	369696.35	64	6 64	5978	- 1217	- 2 40	35	4244	99 60	4222	- 8

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	CDUTIME	CDUX	COUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369696.76	0.8679	44.2089	0.7360	- 0.074C	- 0.0389	0.0208	
	369696.76	2.1203	44.0441	0.7800	- 0.1208	- 0.1757	0.0219	DESIRED

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369696.759	+ 8664.91	+ 1353049.9	+ 1006071.9	+ 420799.9	+ 47.02	- 105.16	- 48.85	+ 1748.87
ENV	369696.759	+ 8637.05	+ 1353052.9	+ 1003312.5	+ 427285.2	+ 47.11	- 105.88	- 48.50	+ 1742.69
ERR	0.000	27.85	2.9	2759.4	6485.2	0.09	0.71	0.34	6.17

AGC	IN PDUNDS	+19102.66	+ 4439140.4	+ 3300761.1	+ 1380577.4	+ 154.27	- 345.03	- 160.27	+ 5737.77
ENV	AND PDUNTS	+19041.25	+ 4439150.1	+ 3291707.7	+ 1401854.4	+ 154.59	- 347.37	- 159.14	+ 5717.51

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PIPTIME: 3.69696760000 05

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P64: APPPOUAD  
|||||||

TPIP: 3.69696760000 05

R AND RG				V AND VG							
1.73780031249	06	-3.18656249999	03	-4.75468749999	03	-3.57931137084	01	-3.62033843994	00	1.19854879379	02
1.73849999999	03	-1.10624999999	02	-6.01574999999	03	-3.56822967529	01	2.78587341308	00	1.24526596069	02

LAND				TTF				CG				AFC			
1.73605699999	06	-3.38174999999	03	1.25749999999	03	-1.58336665039	02	0.99	-0.00	0.00	2.89237126708	00	0.00	0.99	0.05
								0.00	0.99	0.05					
								-0.00	-0.05	0.99					

TRANSIENT 0.630

UNFC				UNWC							
7.36563050048	-01	1.56496494787	-02	-6.76187815481	-01	-2.78326415446	-01	-3.11286122538	-02	9.59981987312	-01

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THRDTITLE:	TIME	MASS	FWEIGHT	FCDLD	AF	AFC	FP	FC	PIF	PIFSET	REG55
	369698.01	8664.91	- 16	1999	2.9593	2.8923	2024	1999	- 24	0	- 24

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DISPLAYS:	TIME	MODE	VERBNOUN	H	HDDT	TTF	RANGE	ARVEL	TTF LPD	VHORIZ	DELTA
	369698.32	64	6 64	5738	- 1181	- 2 38	34	4107	99 60	4086	- 8

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ATTITUDE:	CDUTIME	CDUX	CDUY	CDUZ	DMEGAX	DMEGAY	DMEGAZ	ACTUAL	DESIRED
	369698.76	0.7360	43.8574	0.7360	- 0.0256	- 0.2866	- 0.0186		
	369698.76	1.9555	43.7145	0.7800	0.0000	- 0.3625	0.0109		

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	TIME	MASS	RN	VN	ALTITUDE
AGC	369698.759	+ 8647.98	+ 1353139.9 + 1005863.9 + 420703.9	+ 45.31 - 101.78 - 47.29	+ 1674.81
ENV	369698.759	+ 9620.05	+ 1353145.5 + 1003104.1 + 427189.7	+ 45.41 - 102.46 - 46.93	+ 1671.00
ERR	0.000	27.92	5.5 2759.8 6485.7	0.09 0.68 0.35	3.80

	IN POUNDS	AND	FOOTS												
AGC	+19065.34		+ 4439435.6		+ 3300078.7		+ 1380262.4		+ 148.67		- 333.94		- 155.17		+ 5494.79
ENV	+19003.76		+ 4439453.7		+ 3291024.2		+ 1401541.3		+ 148.99		- 336.17		- 153.99		+ 5482.30

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PIPTIME:	3.69698760000	05		P64: APPRQUAD	TPIP:	3.69698760000	05

R AND RG				V AND VG							
1.73772681249	06	-3.19368749999	03	-4.51899999999	03	-3.47987651824	01	-3.51696014404	00	1.15885639190	02
1.66512499999	03	-1.03249999999	02	-5.77074599999	03	-3.46927642822	01	2.64549255371	00	1.20557022694	02

LAND				TTF				CG			AFC	
1.73605712499	06	-3.38187499999	03	1.24837499999	03	-1.56351787109	02	0.99	-0.00	0.00	2.85828253254	00
								0.00	0.99	0.05		
								-0.00	-0.05	0.99		

UNFC				UNWC							
7.43613101325	-01	1.53955983281	-02	-6.68432891986	-01	-2.77842230750	-01	-3.12511472197	-02	9.60118253450	-C1

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THROTTLE:	TIME	MASS	WEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369700.16	8647.98	- 20	1972	2.9193	2.8582	1998	1972	- 26	0	- 26

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DISPLAYS:	TIME	MODE	VERBDUN	H	HDDT	TTF	RANGE	ABVEL	TTF LPD	VHDRIZ	DELTAH
	369700.47	64	6 64	5495	- 1150	- 2 36	32	3970	99 60	3956	- 30

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ATTITUDE:	CDUTIME	CDUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIREC
	369700.76	0.7800	43.0224	0.7360	0.0349	- 0.4469	0.0288		
	369700.76	1.9555	43.0554	0.7800	0.0054	- 0.3625	0.0000		

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	TIME	MASS	RN			WV			ALTITUDE
AGC	369700.759	+ 8631.09	+ 1353225.9	+ 1005661.9	+ 420609.9	+ 43.65	- 98.43	- 45.73	+ 1603.31
ENV	369700.759	+ 8603.23	+ 1353234.6	+ 1002902.6	+ 427097.4	+ 43.75	- 99.10	- 45.39	+ 1601.39
ERR	0.000	27.85	-8.6	2759.3	6487.4	0.09	0.67	0.34	1.91

	IN POUNDS								
AGC	+19028.10	+ 4439717.8	+ 3299416.0	+ 1379954.0	+ 143.23	- 322.93	- 150.05	+ 5260.21	
ENV	+18966.69	+ 4439746.2	+ 3290362.9	+ 1401238.4	+ 143.55	- 325.16	- 148.93	+ 5253.92	

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PIPTIME: 3.69700760000 05

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P64: APPROUAD  
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TPIP: 3.69700760000 05

R AND RG				V AND VG							
1.73765593749	06	-3.20062499999	03	-4.29112499999	03	-3.37811470031	01	-3.40151786804	00	1.11961698532	02
1.59449959999	03	-9.91249999999	01	-5.53374999999	03	-3.36795806884	01	2.58483886718	00	1.16630554199	02

LAND				TTF				CG			AFC	
1.73605712499	06	-3.38199999999	03	1.23924999999	03	-1.54406181640	02	0.99	-0.00	0.00	2.82243359833	00
TRANSIENT 0.610								0.00	0.99	0.05		
								-0.00	-0.05	0.99		

UNFC				UNWC							
7.50687801989	-01	1.49971914850	-02	-6.60486872080	-01	-2.77503165020	-01	-3.13762927454	-02	9.60212227404	-01

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	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369702.17	8631.09	- 26	1943	2.8993	2.8224	1976	1943	- 33	0	- 33

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	TIME	MODE	VERBNOUN	H	FOOT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
DISPLAYS:	369702.48	64	6 64	5260	- 1116	- 2 34	31	3838	99 59	3827	- 23

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	COUTIME	COUX	CDUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369702.76	0.8569	42.3083	0.7031	0.0339	- 0.3129	- 0.0109	
	369702.76	1.9555	42.3962	0.7800	0.0164	- 0.3845	- 0.0109	DESIREO

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369702.759	+ 8614.75	+ 1353311.9	+ 1005467.9	+ 420519.9	+ 42.12	- 95.14	- 44.22	+ 1534.81
ENV	369702.759	+ 8586.64	+ 1353320.5	+ 1002707.7	+ 427008.1	+ 42.17	- 95.81	- 43.88	+ 1533.88
ERR	0.000	28.11	8.5	2760.2	6488.1	0.04	0.67	0.34	0.93

	IN POUNDS	ANO F00TS							
AGC	+18992.09	+ 4439999.9	+ 3298779.5	+ 1379658.7	+ 138.19	- 312.16	- 145.10	+ 5035.47	
ENV	+18930.12	+ 4440028.1	+ 3289723.4	+ 1400945.5	+ 138.35	- 314.36	- 143.97	+ 5032.41	

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PIPTIME:				P64: APPROUAD	TPIP:		
	3.69702760000	05				3.69702760000	05

R AND RG				V ANO VG							
1.73758793749	06	-3.20731249999	03	-4.07099999999	03	-3.27205181121	01	-3.30338478088	00	1.0818324C890	02
1.52674999999	03	-9.73749999999	01	-5.30424999999	03	-3.26225280761	01	2.56385803222	00	1.12849044759	02

LAND				TTF				CG			AFC	
1.73605712499	06	-3.38212499999	03	1.23012499999	03	-1.52410170898	02	0.99	-0.00	0.00	2.78671737760	00
								0.00	0.99	0.05		
								-0.00	-0.05	0.99		

TRANSIENT 0.549

UNFC				UNWC							
7.56993392951	-01	1.47933854824	-02	-6.53255048793	-01	-2.77243134070	-01	-3.16186577386	-02	9.60279389080	-01

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THR0TTLE:	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG58
	369704.20	8614.75	- 22	1915	2.8643	2.7867	1943	1915	- 28	0	- 28

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DISPLAYS:	TIME	MODE	VERBNOUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
	369704.52	64	6 64	5035	- 1082	- 2 32	30	3708	99 58	3703	- 15

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ATTITUDE:	CDUTIME	CDUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRED
	369704.76	0.9338	41.6381	0.6701	0.0338	- 0.3264	- 0.0153		
	369704.76	1.9555	41.7370	0.7800	0.0274	- 0.3295	- 0.0219		

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	TIME	MASS		RN		VN		ALTITUDE
ACC	369704.759	+ 8598.45	+ 1353391.9	+ 1005279.9	+ 420431.9	+ 40.57	- 91.99	+ 1468.43
ENV	369704.759	+ 8570.31	+ 1353403.3	+ 1002519.2	+ 426921.9	+ 40.63	- 92.61	+ 1468.44
ERR	0.000	28.14	11.3	2760.7	6489.9	0.05	0.61	0.00
AGC	IN PCUNDS	+18956.15	+ 4440262.4	+ 3298162.7	+ 1379370.0	+ 133.12	- 301.82	+ 4817.70
ENV	ANO FOOTS	+18894.11	+ 4440299.7	+ 3289105.2	+ 1400662.4	+ 133.31	- 303.85	+ 4817.72

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PIPTIME: 3.6970476000 05

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P64: APPRQUAO  
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TIPI: 3.6970476000 05

R AND RG

V AND VG

1.73752159999	06	-3.21381249999	03	-3.85837499999	03	-3.17575931549	01	-3.21016211645	00	1.04509449005	02
1.46099599999	03	-9.34999999999	01	-5.08249999999	03	-3.16638946533	01	2.49023437500	00	1.09173965454	02

LANO

TTF

CG

AFC

1.73605712499	06	-3.38224999999	03	1.22099599999	03	-1.50406074218	02	0.99 -0.00 0.00	2.75419792160	00
								0.00 0.99 0.05		
								-0.00 -0.05 0.99		

TRANSIENT 0.591

UNFC

UNWC

7.63700993586	-01	1.46129944809	-02	-6.45404720146	-01	-2.76871458386	-01	-3.17401142770	-02	9.60382611606	-01
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	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369706.32	8598.45	- 22	1889	2.8243	2.7541	1915	1889	- 26	0	- 26

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	TIME	MODE	VERBNOUN	H	HOOT	TTF	RANGE	ARVEL	TTF LPO	VHORIZ	DELTAH
OISPLAYS:	369706.61	64	6 64	4818	- 1047	- 2 30	29	3583	99 58	3582	- 15

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	CDUTIME	CDUX	COUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369706.76	1.0107	41.0668	0.6701	0.0348	- 0.3163	0.0251	
	369706.76	1.9555	41.0998	0.7800	0.0329	- 0.3076	- 0.0219	DESIRED

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369706.759	+ 8582.70	+ 1353471.9	+ 1005097.9	+ 420347.9	+ 39.08	- 88.92	- 41.20	+ 1403.74	
ENV	369706.759	+ 8554.20	+ 1353483.1	+ 1002337.1	+ 426838.5	+ 39.14	- 89.48	- 40.97	+ 1405.04	
ERR	0.000	28.50	11.1	2760.8	6490.5	0.06	0.55	0.22	1.29	

	IN POUNDS								
AGC	+18921.44	+ 4440524.9	+ 3297565.6	+ 1379094.4	+ 128.22	- 291.74	- 135.18	+ 4605.47	
ENV	+18858.59	+ 4440561.5	+ 3288507.8	+ 1400388.8	+ 128.43	- 293.57	- 134.43	+ 4609.72	

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PIPTIME: 3.6970676000 05

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P64: APPRQUAD  
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TPIP: 3.6970676000 05

		R AND RG				V ANO VG		
1.73745774999	06	-3.22012499999	03	-3.65299999999	03	-3.07695865631	01	-2.96735763549 00
1.39699999999	03	-8.92499999999	01	-4.86799999999	03	-3.06800842285	01	2.56042480468 00

		LAND		TTF		CG		AFC
1.73605712499	06	-3.38237499999	03	1.21199999999	03	-1.48439794921	02	0.99 -0.00 0.00
								2.72051664065 00
								0.00 0.99 0.05
								-0.00 -0.05 0.99

		UNFC				UNWC		
7.70378916242	-01	1.22726313543	-02	-6.37468201504	-01	-2.76498674578	-01	-3.1983511143? -02
								9.60481930059 -01

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	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369708.32	8582.70	- 20	1863	2.7893	2.7205	1888	1863	- 25	0	- 25

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	TIME	MODE	VERBNDUN	H	HOOT	TTF	RANGE	ARVEL	TTF LPO	VHORIZ	OELTAH
OISPLAYS:	369708.61	64	6 64	4605	- 1015	- 2 28	27	3462	99 57	3463	- 17

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	COUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369708.76	1.0876	40.5395	0.6921	0.0339	- 0.1771	- 0.0108	
	369708.76	1.9775	40.6384	0.7800	0.1263	- 0.3845	- 0.0878	OESIREO

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369708.759	+ 8566.99	+ 1353545.9	+ 1004921.9	+ 420265.9	+ 37.61	- 85.85	- 39.79	+ 1341.37	
ENV	369708.759	+ 8538.29	+ 1353559.9	+ 1002161.2	+ 426757.9	+ 37.70	- 86.41	- 39.56	+ 1343.65	
ERR	0.000	28.69	13.9	2760.7	6491.9	0.08	0.56	0.22	2.27	

ACC	IN POUNDS	ANO	FOOTS	+18886.78	+ 4440767.7	+ 3296588.1	+ 1378825.4	+ 123.39	- 281.66	- 130.54	+ 4400.83
ENV	ANO	FOOTS	+18823.53	+ 4440813.6	+ 3287930.7	+ 1400124.5	+ 123.69	- 283.50	- 129.81	+ 4408.31	

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PIPTIME:	3.6970876000	05		P64: APPRQUAD	TPIP:	3.6970876000	05
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R AND RG				V AND VG							
1.737395E1249	06	-3.22593749999	03	-3.45474999999	03	-2.98023223876	01	-2.87470817565	00	9.73294734954	01
1.33524999999	03	-1.12374999999	02	-4.65999999999	03	-2.97164916952	01	3.08189352089	00	1.01966857910	02

LANG				TTF				CG			AFC	
1.73605712499	06	-3.38249999999	03	1.20299999999	03	-1.46483139648	02	0.99	-0.00	0.00	2.68739182502	00
TRANSIENT 0.609								0.00	0.99	0.05		
								-0.00	-0.05	0.99		

UNFC				UNWC							
7.77122252730	-01	1.22662246485	-02	-6.29230120102	-01	-2.76013081137	-01	-3.22279758604	-02	9.60613416839	-01

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THROTTLE:	TIME	MASS	WEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFSET	REG55
	369710.31	8566.99	- 24	1837	2.7593	2.6873	1866	1837	- 29	0	- 29

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DISPLAYS:	TIME	MODE	VERBNOUN	H	FDOT	TTF	RANGE	ARVEL	TTF LPO	VHORIZ	OELTAH
	369710.60	64	6 64	4401	- 983	- 2 26	26	3341	99 57	3346	- 14

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ALTITUDE:	COUTIME	COUX	COUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIREO
	369710.76	1.1975	40.0221	0.5932	0.1079	- 0.3759	- 0.0513		
	369710.76	2.1752	39.9792	0.7800	0.0219	- 0.3845	- 0.0878		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369710.759	+ 8551.30	+ 1353619.9	+ 1004753.9	+ 420187.9	+ 36.19	- 82.88	- 38.43	+ 1281.93
ENV	369710.759	+ 9522.59	+ 1353633.9	+ 1001991.4	+ 426680.2	+ 36.28	- 83.41	- 39.19	+ 1284.24
ERR	0.000	28.70	13.9	2762.5	6492.2	0.09	0.53	0.23	2.30

	IN POUNDS	AND FOOT							
AGC	+18852.20		+ 4441010.4	+ 3296437.0	+ 1378565.5	+ 118.73	- 271.93	- 126.09	+ 4205.83
ENV	+18788.92		+ 4441056.3	+ 3287373.5	+ 1399869.4	+ 119.04	- 273.68	- 125.32	+ 4213.40

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PIPTIME: 3.6971076000 05

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P64: APPROUAD  
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TPIP: 3.6971076000 05

R AND RG				V AND VG							
1.73733668749	06	-3.23162499999	03	-3.26356749999	03	-2.88727760314	01	-2.79121398925	00	9.38974380493	01
1.27624999999	03	-1.09124999999	02	-4.45974999999	03	-2.87902832031	01	3.02925109863	00	9.85332489013	01

LAND				TTF				CG				AFC							
1.73605712499	06	-3.38262499999	03	1.19387499999	03	-1.44500961914	02	0.99	-0.00	0.00	2.65575712546	00	0.00	0.99	0.05				
								-0.00				-0.05				0.99			

TRANSIENT 0.602

UNFC				UNWC							
7.83700901770	-01	1.20265895946	-02	-6.21021946236	-01	-2.75785328722	-01	-3.24740581851	-02	9.60670540823	-01

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THRCTLLE:	TIME	MASS	FWEIGHT	FCCLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369712.29	8551.30	- 16	1812	2.7193	2.6557	1831	1812	- 19	0	- 19

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DISPLAYS:	TIME	MODE	VERBNDUN	H	HOOT	TTF	RANGE	ARVEL	TTF LPD	VHORIZ	DELTAH
	369712.58	64	6 64	4206	- 951	- 2 24	25	3223	99 56	3234	- 5

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ATTITUDE:	CDUTIME	CDUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	OESIRED
	369712.76	1.4172	39.2871	0.5053	0.1089	- 0.3132	- 0.0058		
	369712.76	2.1752	39.3200	0.7900	0.0329	- 0.3735	- 0.0878		

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369712.759	+ 8536.16	+ 1353689.9	+ 1004589.9	+ 420111.9	+ 24.82	- 79.94	- 37.16	+ 1224.12	
ENV	369712.759	+ 8507.13	+ 1353705.1	+ 1001827.5	+ 426605.1	+ 34.91	- 80.49	- 36.86	+ 1226.76	
ERR	0.000	29.02	15.1	2762.4	6493.1	0.08	0.54	0.29	2.63	

	IN POUNDS								
AGC	+18818.83	+ 4441240.1	+ 3295898.9	+ 1378320.2	+ 114.26	- 262.28	- 121.93	+ 4016.15	
ENV	+18754.83	+ 4441289.9	+ 3286835.8	+ 1399623.1	+ 114.55	- 264.08	- 120.96	+ 4024.81	

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PIPTIME: 3.6971276000 05

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P64: APPRQUAD  
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PTIP: 3.6971276000 05

R AND RG				V AND VG							
1.73727924999	06	-3.23712499999	03	-3.07912499999	03	-2.79314517974	01	-2.78229713439	00	9.05455589294	01
1.21887499999	03	-1.04749999999	02	-4.26599999999	03	-2.78526306152	01	2.87551879882	00	9.51843261718	01

LAND				TTF				CG			AF	
1.73605712499	06	-3.38274999999	03	1.18474999999	03	-1.42500961914	02	0.99	-0.00	0.00	2.62426445260	00
TRANSIENT 0.593								0.00	0.99	0.05		
								-0.00	-0.05	0.99		

UNFC				UNWC							
7.90057809916	-01	1.29073044674	-02	-6.12896450048	-01	-2.75299559438	-01	-3.27185285717	-02	9.60801566641	-01

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	TIME	MASS	FWEIGHT	FGOLD	AF	AF	FP	FC	PIF	PIFPSET	REC55
THROTTLE:	369714.27	8536.16	- 18	1787	2.6793	2.6242	1809	1787	- 22	0	- 22

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	TIME	MODE	VERBNOUN	H	HONT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
DISPLAYS:	369714.57	64	6 64	4016	- 921	- 2 22	24	3109	99 55	3124	- 6

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	CDUTIME	CDUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369714.76	1.6479	38.6279	0.5273	0.1098	- 0.3306	0.0262	
	369714.76	2.1752	38.6608	0.7800	0.0000	- 0.3515	- 0.0659	DESIRED

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369714.759	+ 8521.04	+ 1353757.9	+ 1004433.9	+ 420039.9	+ 33.62	- 77.10	- 35.86	+ 1168.68	
ENV	369714.759	+ 8491.84	+ 1353773.6	+ 1001669.4	+ 426532.7	+ 33.59	- 77.62	- 35.56	+ 1171.18	
ERR	0.000	29.20	15.6	2764.5	6492.7	0.02	0.52	0.29	2.49	

AGC	IN PCUNDS	AND FODTS	+ 18785.50	+ 4441463.2	+ 3295387.1	+ 1378083.9	+ 110.32	- 252.96	- 117.66	+ 3834.27
ENV			+ 18721.11	+ 4441514.6	+ 3286317.1	+ 1399385.5	+ 110.22	- 254.67	- 116.69	+ 3842.47

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PIPTIME: 3.6971476000 05

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P64: APPRQUAD  
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TPIP: 3.6971476000 05

R AND RG				V AND VG							
1.7372246249	06	-3.2426249999	03	-2.9013124999	03	-2.69168376922	01	-2.69899368286	00	8.73553276062	01
1.1639999999	03	-8.8749999999	01	-4.0752499999	03	-2.68413543701	01	2.53791809082	00	9.20001923642	01

LAND				TTF				CG			AFC	
1.73605712499	06	-3.3828749999	03	1.1756249999	03	-1.40439716756	02	0.99	-0.00	0.00	2.59183347225	00
TRANSIENT 0.499								0.00	0.99	0.05		
								-0.00	-0.05	0.99		

UNFC				UNWC							
7.95307353664	-01	1.24669335228	-02	-6.06078203514	-01	-2.75039402343	-01	-3.29607805737	-02	9.60867792207	-01

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THRDITLE:	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369716.28	8521.04	- 24	1762	2.6594	2.5918	1790	1762	- 28	0	- 28

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DISPLAYS:	TIME	MODE	VER8NCUN	H	HDC	TTF	RANGE	ABVEL	TTF LPD	VHDRIZ	DELTAH
	369716.57	64	6 64	3834	- 899	- 2 20	23	2998	99 55	3019	- 2

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ATTITUDE:	CDUTIME	CDUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRE
	369716.76	1.8676	37.9907	0.5603	0.1098	- 0.3321	0.0258		
	369716.76	2.1752	38.0236	0.7800	0.0164	- 0.2856	- 0.0659		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369716.759	+ 8505.96	+ 1353823.9	+ 1004281.9	+ 419967.9	+ 32.33	- 74.40	- 34.63	+ 1115.18
ENV	369716.759	+ 8476.73	+ 1353839.5	+ 1001517.0	+ 426462.8	+ 32.32	- 74.82	- 34.29	+ 1117.51
ERR	0.000	29.22	15.5	2764.9	6454.8	0.01	0.41	0.33	2.32

	IN PCUNOS	ANO FDOTS							
ACC	+18752.24	+ 4441679.7	+ 3294888.4	+ 1377847.7	+ 106.07	- 244.11	- 113.61	+ 3658.75	
ENV	+18687.81	+ 4441730.9	+ 3285817.0	+ 1399156.3	+ 106.04	- 245.47	- 112.51	+ 3666.37	

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PIPTIME: 3.6971676000 05

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P64: APPRQUAD  
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TPIP: 3.6971676000 05

R AND RG				V AND VG							
1.73717027499	06	-3.24793749999	03	-2.72981249999	03	-2.60726928710	01	-2.62608528137	00	8.42316627502	01
1.11D74999999	03	-8.56249999999	01	-3.89862499999	03	-2.60002136230	01	2.47688293457	00	8.88755798339	01

LANO				TTF				CG			AFC	
1.73605712499	06	-3.38299999999	03	1.16662499999	03	-1.38376728515	02	0.99	-0.00	0.00	2.56454572081	00
								0.00	0.59	0.05		
								-0.00	-0.05	0.99		

UNFC				UNWC							
8.01533487847	-01	1.23199568562	-02	-5.97822955834	-01	-2.74666380757	-01	-3.32041135848	-02	9.60966110808	-01

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	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369718.29	8505.96	- 20	1740	2.6344	2.5645	1764	1740	- 24	0	- 24

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	TIME	MODE	VERBNOUN	H	HOOT	TTF	RANGE	ARVEL	TTF LPO	VHORIZ	OELTAH
OISPLAYS:	369718.58	64	6 64	3659	- 856	- 2 18	22	2890	99 54	2916	- 2

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	CDUTIME	CDUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369718.76	2.0983	37.4633	0.5932	0.1097	- 0.1903	0.0230	
	369718.76	2.1752	37.5622	0.7800	0.0164	- 0.3515	- 0.0549	DESIRE0

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369718.759	+ 8491.42	+ 1353887.9	+ 1004135.9	+ 419899.9	+ 31.08	- 71.70	- 33.31	+ 1062.93
ENV	369718.759	+ 8461.86	+ 1353902.9	+ 1001370.1	+ 426395.5	+ 31.08	- 72.09	- 33.04	+ 1065.70
ERR	0.000	29.56	14.9	2765.8	6495.5	0.00	0.38	0.26	2.76

	IN PCUNOS	ANO FDOTS							
AGC	IN PCUNOS	+18720.18	+ 4441889.7	+ 3294409.4	+ 1377624.6	+ 101.98	- 235.25	- 109.29	+ 3487.32
ENV	ANO FDOTS	+18655.01	+ 4441938.8	+ 3285335.0	+ 1398935.4	+ 101.97	- 236.52	- 108.42	+ 3496.39

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PIPTIME:	3.6971876000	05		P64: APPRQUAO	TPIP:	3.6971876000	05
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R ANO RG				V AND VG							
1.73711881249	06	-3.25312499999	03	-2.56443749999	03	-2.51700878143	01	-2.47554779052	00	8.11109542846	01
1.05887499999	03	-8.12495999999	01	-3.72424999999	03	-2.51007080078	01	2.46086120605	00	8.57501983642	01

LANO				TTF				CG			AF	
1.73605712499	06	-3.38312499999	03	1.15762499999	03	-1.36401665039	02	0.99	-0.00	0.00	2.53414036706	00
								0.00	0.99	0.06		
TRANSIENT 0.612								-0.00	-0.06	0.99		

UNFC				UNWC							
8.07830060584	-01	1.08782946286	-02	-5.89315073557	-01	-2.74067524532	-01	-3.34496666912	-02	9.61128561533	-01

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	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369720.28	8491.42	- 16	1717	2.5944	2.5341	1737	1717	- 20	0	- 20

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OISPLAYS:	TIME	MOOE	VERBNOUN	H	HOCT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	OELTAH
	369720.58	64	6 64	34E7	- 828	- 2 16	21	2787	99 53	2814	- 8

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ATTITUDE:	COUTIME	CDUX	COUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRED
	369720.76	2.3181	36.9140	0.6152	0.1C97	- 0.3770	0.0181		
	369720.76	2.1752	36.9030	0.7800	0.0714	- 0.3295	- 0.0878		

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369720.759	+ 8476.90	+ 1353947.9	+ 1003993.9	+ 419833.9	+ 29.97	- 69.08	- 32.09	+ 1012.87	
ENV	369720.759	+ 8447.18	+ 1353963.9	+ 1001228.5	+ 426330.6	+ 29.86	- 69.43	- 31.83	+ 1015.70	
ERR	0.000	29.72	15.9	2765.4	6496.6	0.10	0.35	0.26	2.82	

	IN PCUNDS	AND FOOTS								
AGC	+18688.19	+ 4442086.6	+ 3293943.5	+ 1377408.1	+ 98.35	- 226.65	- 105.30	+ 3323.08		
ENV	+18622.66	+ 4442138.8	+ 3284870.7	+ 1398722.5	+ 97.99	- 227.81	- 104.44	+ 3332.34		

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PIPTIME: 3.6972076000 05

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 P64: APPRQUAO  
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TPIP: 3.6972076000 05

R AND RG				V AND VG							
1.73706859999	06	-3.25799999999	03	-2.40524999999	03	-2.42243766784	01	-2.38423347473	00	7.81649589538	01
1.00937499999	03	-8.83749999999	01	-3.55562499999	03	-2.41580963134	01	2.66189575195	00	8.27941894531	01

LANO				TTF				CG				AFC
1.73605712499	06	-3.38324999999	03	1.14849999999	03	-1.34316580078	02	0.99	-0.00	0.00	2.50397715717	00
								0.00	0.99	0.06		
								-0.00	-0.06	0.99		

UNFC				UNWC							
8.12986697979	-01	1.04979256275	-02	-5.82187617926	-01	-2.73693253965	-01	-3.38149113953	-02	9.61222427173	-01

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIPSET	PEG55
	369722.29	8476.90	- 18	1693	2.5594	2.5039	1715	1693	- 21	0	- 21

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DISPLAYS:	TIME	MOOE	VERBNOU	H	HDOT	TTF	RANGE	APVEL	TTF LPD	VHORIZ	DELTAH
	369722.58	64	6 64	3323	- 799	- 2 14	20	2683	99 53	2717	- 3

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ATTITUDE:	COUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRED
	369722.76	2.5488	36.2329	0.5822	0.1092	- 0.3173	- 0.0013		
	369722.76	2.1752	36.2658	0.7580	0.0933	- 0.2636	- 0.1098		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369724.759	+ 8448.46	+ 1354061.9	+ 1003727.9	+ 419709.9	+ 27.66	- 64.06	- 29.54	+ 917.93
ENV	369724.759	+ 8418.35	+ 1354078.7	+ 1000961.1	+ 426208.0	+ 27.56	- 64.29	- 29.49	+ 921.00
ERP	0.000	30.10	16.7	2766.8	6498.0	0.09	0.23	0.05	3.07
AGC	IN POUNDS	+18625.49	+ 4442460.6	+ 3293070.8	+ 1377001.3	+ 90.75	- 210.17	- 96.93	+ 3011.60
ENV	ANO F00TS	+19559.11	+ 4442515.5	+ 3283993.4	+ 1398320.2	+ 90.44	- 210.94	- 96.75	+ 3021.67

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PIPTIME: 3.6972476000 05 P64: APPRQUAO TP1P: 3.6972476000 05

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P64: APPRQUAO  
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R AND RG				V AND VG							
1.73697443749	06	-3.26724999999	03	-2.10431249999	03	-2.25173950195	01	-2.01401710510	00	7.23287582397	01
9.14999999999	02	-8.47499999999	01	-3.23624999999	03	-2.24575042724	01	2.83660888671	00	7.69390106201	01

LANO				TTF				CG			AFC	
1.73605712499	06	-3.38349999999	03	1.13024999999	03	-1.30336064453	02	0.99	-0.00	0.00	2.44694761931	00
								0.00	0.59	0.07		
								-0.00	-0.07	0.99		

UNFC				UNWC							
8.25138458623	-01	5.92793071516	-03	-5.64899445686	-01	-2.72605573931	-01	-3.45487583621	-02	9.61505374065	-01

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSSET	REG55
	369726.28	8448.46	- 18	1649	2.5094	2.4469	1671	1649	- 22	0	- 22

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OISPLAYS:	TIME	MOOE	VER8NOUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	OELTAH
	369726.58	64	6 64	3012	- 740	- 2 10	18	2486	96 51	2525	- 5

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ATTITUDE:	COUTIME	CDUX	COUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
	369726.76	2.9882	35.1672	0.3405	0.1097	- 0.3740	0.0214	
	369726.76	2.2192	35.1672	0.5383	0.2581	- 0.3076	- 0.1428	DESIREO

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	TIME	MASS		PN		VN		ALTITUDE
AGC	369726.759	+ 8434.54	+ 1354115.9	+ 1003601.9	+ 419651.9	+ 26.56	- 61.59 - 28.42	+ 872.93
ENV	369726.759	+ 8404.24	+ 1354132.7	+ 1000835.0	+ 426150.1	+ 26.45	- 61.82 - 28.38	+ 876.24
ERR	0.000	30.29	16.7	2766.9	6498.1	0.10	0.23 0.04	3.31

AGC	IN PCUNOS	+18594.78	+ 4442637.7	+ 3292657.4	+ 1376811.0	+ 87.15	- 202.08 - 93.25	+ 2863.66
ENV	AND FOOT5	+18527.99	+ 4442692.7	+ 3283575.6	+ 1398130.4	+ 86.79	- 202.83 - 93.11	+ 2874.83

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PIPTIME:	3.6972676000	05		P64: APPRQUAD	TPIP:	3.6972676000	05

		R AND RG			V AND VG			
1.73692956249	06	-3.27118749999	03	-1.96249999999	03	-2.16790199279	01	-1.94888114929
3.70249999999	02	-1.11874999999	02	-3.08437499999	03	-2.16217041015	01	3.51409912109

		LANO		TTF		CG		AFC
1.73605712499	06	-3.38362499999	03	1.12124999999	03	-1.28347275390	02	0.99 -0.00 0.00
								0.00 0.99 0.07
		TRANSIENT	0.604					-0.00 -0.07 0.99

		UNFC		UNWC				
8.31052203216	-01	6.07331071330	-03	-5.56161262968	-01	-2.72003830989	-01	-3.50381954640
								9.61658068538

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369728.29	8434.54	- 16	1628	2.4744	2.4190	1647	1628	- 19	0	- 19

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OISPLAYS:	TIME	MOOE	VERBNDUN	H	HCOT	TTF	RANGE	ARVEL	TTF LPO	VHORIZ	OELTAH
	369728.58	64	6 64	2864	- 713	- 2 8	17	2389	94 51	2434	- 6

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ATTITUDE:	COUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
	369728.76	3.2080	34.5190	0.1867	0.1044	- 0.2392	- 0.1880	
	369728.76	2.6147	34.7058	0.3405	0.0439	- 0.3955	- 0.0329	DESIRED

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	TIME	MASS	RN				VN			ALTITUDE
ACC	369728.759	+ 8420.63	+ 1354167.9	+ 1003479.9	+ 419595.9	+ 25.50	- 59.16	- 27.33	+ 829.87	
ENV	369728.759	+ 8390.31	+ 1354184.5	+ 1000713.8	+ 426094.4	+ 25.37	- 59.40	- 27.30	+ 833.14	
ERR	0.000	30.32	16.5	2766.1	6498.4	0.12	0.24	0.03	3.27	
ACC	IN FCUNOS	+18564.13	+ 4442808.3	+ 3292257.2	+ 1376627.2	+ 83.66	- 194.11	- 89.69	+ 2722.68	
ENV	ANO FOOTS	+18497.29	+ 4442862.8	+ 3283181.9	+ 1397947.7	+ 83.26	- 194.90	- 89.57	+ 2733.42	

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PIPTIME: 3.6972876000 05  
 P64: APPRQUAO  
 TPIP: 3.6972876000 05

R ANO RG				V ANO VG							
1.73688668749	06	-3.27506249999	03	-1.82618749999	03	-2.08456993103	01	-1.90467834472	00	6.67870998382	01
8.27495999999	02	-1.08749999999	02	-2.53899999999	03	-2.07912445068	01	3.45039367675	00	7.13634490566	01

LANO				TTF				CG				AFC			
1.73605712499	06	-3.38374999999	03	1.11224999999	03	-1.26358823242	02	0.99	-0.00	0.00	2.39085871726	00	0.00	0.99	0.07
TRANSIENT 0.609								-0.00 -0.07 0.99							

UNFC				UNWC							
8.36919528140	-01	6.01441114002	-03	-5.47292910858	-01	-2.71514969708	-01	-3.55264641120	-02	9.61778296475	-01

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	TIME	MASS	FWEIGHT	FCCL0	AF	AFC	FP	FC	PIF	PIFSET	REG55
THROTTLE:	369730.29	8420.63	- 16	1606	2.4444	2.3908	1626	1606	- 20	0	- 20

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	TIME	MODE	VERBNOUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
DISPLAYS:	369730.58	64	6 64	2723	- 686	- 2 6	16	2296	92 50	2344	- 2

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	COUTIME	CDUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369730.76	3.4167	33.5477	- 0.0769	0.1053	- 0.3571	0.0169	
	369730.76	2.6147	34.0466	0.3405	0.0494	- 0.3515	- 0.0329	DESIFEO

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	TIME	MASS		RN		VN		ALTITUDE
AGC	369730.759	+ 8407.27	+ 1354217.9	+ 1003363.9	+ 419541.9	+ 24.45	- 56.80 - 26.30	+ 788.12
ENV	369730.759	+ 9376.54	+ 1354234.2	+ 1000597.4	+ 426040.9	+ 24.33	- 57.04 - 26.27	+ 791.67
ERR	0.000	30.72	16.2	2766.5	6498.9	0.11	0.24 0.02	3.54

AGC	IN POUNOS	+18534.66	+ 4442972.4	+ 3291876.6	+ 1376450.1	+ 80.22	- 186.36 - 86.28	+ 2585.71
ENV	ANO FOOTS	+18466.93	+ 4443025.8	+ 3282799.9	+ 1397772.0	+ 79.83	- 187.15 - 86.19	+ 2597.35

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PIPTIME: 3.6973076000 05

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P64: APPRQUAD  
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TP1P: 3.6973076000 05

P AND RG				V ANO VG							
1.73684506249	06	-3.27887499999	03	-1.69531249999	03	-2.00504302978	01	-1.87854766845	00	6.41179084777	01
7.85999999999	02	-1.03124999999	02	-2.79899999999	03	-1.99981689453	01	3.30352783203	00	6.86981201171	01

LAND				TTF				CG				AFC			
1.73605712499	06	-3.38387499999	03	1.10312499999	03	-1.24370727539	02	0.99 -0.00	0.00	2.36411811783	00	0.00	0.59	0.07	0.09
TRANSIENT 0.628								-0.00 -0.07							

UNFC				UNWC							
8.42870276276	-01	6.25577593216	-03	-5.38080442533	-01	-2.70767921144	-01	-3.60128659772	-02	9.61970792884	-01

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	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369732.28	8407.27	- 18	1586	2.4194	2.3641	1607	1586	- 21	0	- 21

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	TIME	MODE	VERBNOUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
OISPLAYS:	369732.59	64	6 64	2586	- 659	- 2 4	16	2204	90 50	2256	- 6

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	COUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369732.76	3.6364	33.2336	0.0659	0.0602	- 0.3586	0.1413	
	369732.76	2.6147	33.3874	0.3405	0.0439	- 0.3515	- 0.0109	DESIRED

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369732.759	+ 8393.92	+ 1354263.9	+ 1003251.9	+ 419491.9	+ 23.38	- 54.48	- 25.28	+ 748.24	
ENV	369732.759	+ 8362.94	+ 1354281.9	+ 1000485.6	+ 425989.3	+ 23.32	- 54.74	- 25.27	+ 751.79	
ERR	0.000	30.98	17.9	2766.3	6497.3	0.05	0.25	0.01	3.54	
AGC	IN POUNDS	+18505.25	+ 4443123.3	+ 3291505.1	+ 1376286.0	+ 76.71	- 178.75	- 82.95	+ 2454.88	
ENV	ANO FOOTS	+18436.94	+ 4443182.2	+ 3282433.1	+ 1397602.8	+ 76.52	- 179.59	- 82.91	+ 2466.51	

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PIPTIME: 3.69732760000 05

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P64: APPRQUAO  
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TIPI: 3.69732760000 05

R ANO RG				V ANO VG							
1.73680531249	06	-3.28262499999	03	-1.56968749999	03	-1.93022251129	01	-1.85713768005	00	6.14729881286	01
7.46249999999	02	-9.51249999999	01	-2.66449999999	03	-1.92523956298	01	3.08876037597	00	6.60598754882	01

LANO				TTF				CG			AFC	
1.73605712495	06	-3.38395999999	03	1.09399999999	03	-1.22444389648	02	0.99	-0.00	0.00	2.33831582590	00
TRANSIENT 0.685								0.00	0.99	0.07		
								-0.00	-0.07	0.99		

UNFC				UNWC							
8.49242764456	-01	6.53988242026	-03	-5.27962079085	-01	-2.70165622455	-01	-3.65022689174	-02	9.62121676716	-01

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THROTTLE:	TIME	MASS	WEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFSET	REG55
	369734.35	8393.92	- 16	1566	2.3944	2.3383	1585	1566	- 19	0	- 19

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DISPLAYS:	TIME	MODE	VERBNOU	H	FOCT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
	369734.62	64	6 64	2455	- 633	- 2 2	15	2116	88 49	2169	- 4

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ATTITUDE:	CDUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIREO
	369734.76	3.7573	32.5634	0.3295	0.0592	- 0.2717	0.0900		
	369734.76	2.6147	32.7282	0.3405	0.0439	- 0.3735	0.0109		

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	TIME	MASS	RN			VN			ALTITUDE
ACC	369734.759	+ 8380.60	+ 1354309.9	+ 1003145.9	+ 419441.9	+ 22.39	- 52.28	- 24.31	+ 710.37
ENV	369734.759	+ 8349.51	+ 1354327.6	+ 1000378.3	+ 425939.8	+ 22.35	- 52.50	- 24.28	+ 713.47
ERR	0.000	31.08	17.6	2767.6	6497.8	0.04	0.21	0.02	3.10

	IN POUNDS	ANO	FOOTS						
ACC	+18475.87	+ 4443274.2	+ 3291161.4	+ 1376122.0	+ 73.47	- 171.54	- 79.76	+ 2330.62	
ENV	+18407.34	+ 4443332.0	+ 3282081.3	+ 1397440.3	+ 73.34	- 172.26	- 79.67	+ 2340.81	

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PIPTIME:	3.6973476000	05		P64: APPRQUAO	TP1P:	3.6973476000	05
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R AND RG				V AND VG							
1.73676749999	06	-3.28631249999	03	-1.44924999999	03	-1.85704231262	01	-1.82323455810	00	5.89813232421	01
7.08624599999	02	-8.69999999999	01	-2.53512499999	03	-1.85230255126	01	2.88619995117	00	6.35742187500	01

LANO				TTF				CG			AFC	
1.73605712499	06	-3.38412499999	03	1.08487499999	03	-1.20431738281	02	0.99	-0.00	0.00	2.31426209211	00
								0.00	0.99	0.07		
								-0.00	-0.07	0.99		

UNFC				UNWC							
8.54882837338	-01	6.54748819962	-03	-5.18779784515	-01	-2.69675107339	-01	-3.71123733052	-02	9.62235942079	-01

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THROTTLE:	TIME	MASS	FWEIGHT	FCCLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369736.19	8380.60	- 18	1547	2.3744	2.3142	1571	1547	- 24	0	- 24

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OISPLAYS:	TIME	MODE	VERBNOUN	H	FOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
	369736.49	64	6 64	2331	- 608	- 2 0	14	2028	86 48	2087	- 4

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ATTITUDE:	COUTIME	COUX	COUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
	369736.76	3.8781	31.9812	0.3405	0.0565	- 0.3370	- 0.0221	
	369736.76	2.6147	32.0690	0.3405	0.0549	- 0.3625	0.0109	DESIREO

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369736.759	+ 8367.81	+ 1354353.9	+ 1003043.9	+ 419393.9	+ 21.45	- 50.12	- 23.33	+ 673.56
ENV	369736.759	+ 8336.27	+ 1354371.3	+ 1000275.5	+ 425892.2	+ 21.41	- 50.34	- 23.31	+ 676.70
ERR	0.000	31.53	17.3	2768.4	6498.2	0.03	0.21	0.02	3.13

AGC	IN POUNDS	+18447.67	+ 4443418.6	+ 3290826.7	+ 1375964.5	+ 70.37	- 164.46	- 76.55	+ 2209.85
ENV	AND FOOTS	+18378.14	+ 4443475.6	+ 3281743.9	+ 1397284.1	+ 70.24	- 165.17	- 76.48	+ 2220.14

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PIPTIME:	3.69736760000	05			P64: APPRQUAD	TIPI:	3.69736760000	05

		P AND RG				V AND VG			
1.73673074999	06	-3.28987499999	03	-1.33374999999	03	-1.78254604339	01	-1.77164077758	00
6.71999999999	02	-8.08749999999	01	-2.41062499999	03	-1.77803039550	01	2.74658203125	00

		LAND		TTF		CG		AFC
1.73605712499	06	-3.38424999999	03	1.07587499999	03	-1.18438261718	02	0.99 -0.00 0.00
								2.28960299864 00
		TRANSIENT	0.620					0.00 0.99 0.07
								-0.00 -0.07 0.99

		UNFC				UNWC		
8.60451076158	-01	6.21023121498	-03	-5.09495219374	-01	-2.68959179698	-01	-3.76030083282 -02
								9.62417255363 -01

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369738.28	8367.81	- 12	1528	2.3394	2.2896	1544	1528	- 15	0	- 15

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DISPLAYS:	TIME	MODE	VERBNOUN	H	HDCT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
	369738.58	64	6 64	2210	- 585	- 1 58	14	1945	84 48	2007	- 2

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ATTITUDE:	CDUTIME	CDUX	COUY	COUZ	OMFGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRED
	369738.76	3.9880	31.3220	0.2966	0.0568	- 0.3063	- 0.0105		
	369738.76	2.6147	31.4099	0.3405	0.0714	- 0.3295	- 0.0219		

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369738.759	+ 8355.04	+ 1354395.9	+ 1002943.9	+ 419347.9	+ 20.51	- 48.02	- 22.38	+ 638.18	
ENV	369738.759	+ 8323.21	+ 1354413.2	+ 1000176.9	+ 425846.5	+ 20.49	- 48.24	- 22.37	+ 641.39	
ERR	0.000	31.83	17.2	2767.0	6498.5	0.01	0.22	0.01	3.20	

	IN POUNDS	+	+	+	+	-	-	-	+
AGC	18419.52	4443556.4	3290498.6	1375813.6	67.29	157.56	73.45	2093.79	
ENV	18349.35	4443613.1	3281420.4	1397134.2	67.23	158.29	73.40	2104.31	

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PIPTIME: 3.6973876000 05

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 P64: APPRQUAD  
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TPIP: 3.6973876000 05

	R AND RG					V AND VG		
1.7366549999	06 -3.2933749999	03 -1.2229999999	03 -1.71165943145	01 -1.72848701477	00 5.41556358337	01 5.87512965970	01	
6.3674999999	02 -7.7374999999	01 -2.2907499999	03 -1.70734405517	01 2.66494750976	00	00		

	LANO					TTF	CG			AF
1.73605712459	06 -3.3843749999	03 1.0668749999	03 -1.16458452148	02 0.99	-0.00	0.00	2.26607313379	00		
					0.00	0.99		0.07		
					-0.00	-0.07		0.99		

TRANSIENT 0.647

	UNFC					UNWC		
8.66152771621	-01 6.08771411201	-03 -4.99742249514	-01 -2.68323473791	-01 -3.82098486336	-02 9.62570787464	-01		

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	TIME	MASS	FWEIGHT	FCOLO	AF	AF	FP	FC	PIF	PIFSET	REG55
THROTTLE:	369740.29	8355.04	- 14	1510	2.3094	2.2660	1527	1510	- 17	0	- 17

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	TIME	MODE	VERBNOUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
DISPLAYS:	369740.58	64	6 64	2094	- 561	- 1 56	13	1864	82 47	1925	- 2

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	CDUTIME	CDUX	CDUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369740.76	4.1088	30.7287	0.1977	0.0561	- 0.3425	- 0.0417	
	369740.76	2.6147	30.7507	0.3405	0.0823	- 0.3295	- 0.0329	DESIRE0

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	TIME	MASS		RN		VN		ALTITUDE
AGC	369740.759	+ 8342.29	+ 1354435.9	+ 1002849.9	+ 419303.9	+ 19.60	- 46.01	+ 604.24
ENV	369740.759	+ 8310.28	+ 1354453.3	+ 1000082.5	+ 425802.6	+ 19.61	- 46.19	+ 607.53
ERR	0.000	32.01	17.3	2767.4	6498.6	0.00	0.18	3.28

	IN PCUNDS							
AGC	+18391.41	+ 4443687.6	+ 3290190.2	+ 1375665.2	+ 64.33	- 150.96	- 70.51	+ 1982.44
ENV	+18320.84	+ 4443744.6	+ 3281110.6	+ 1396990.4	+ 64.33	- 151.57	- 70.41	+ 1993.22

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PIPTIME: 3.69740760000 05

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P64: APPRQUAD  
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TPIP: 3.69740760000 05

R AND RG				V AND VG							
1.73666162499	06	-3.29681249999	03	-1.11699999999	03	-1.64435386657	01	-1.69453620910	00	5.18743038177	01
6.02874999999	02	-7.28749999999	01	-2.17574999999	03	-1.64024353027	01	2.54669189453	00	5.64723568505	01

LAND				TTF				CG		AFC		
1.73605724999	06	-3.38449999999	03	1.05774999999	03	-1.1444570312	02	0.99	-0.00	0.00	2.24484829232	00
								0.00	0.59	0.07		
								-0.00	-0.07	0.99		

UNFC				UNWC							
8.71582019074	-01	6.14942004625	-03	-4.90211147016	-01	-2.67492454850	-01	-3.88236424656	-02	9.6277749E378	-01

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	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369742.25	8342.29	- 10	1494	2.2844	2.2448	1506	1494	- 12	0	- 12

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	TIME	MODE	VER8NOUN	H	HDOT	TTF	RANGE	ARVEL	TTF LPD	VHORIZ	DELTAH
DISPLAYS:	369742.58	64	6 64	1982	- 538	- 1 54	12	1785	80 46	1854	- 2

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	CDUTIME	CDUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369742.76	4.2187	30.0476	0.0659	0.0563	- 0.3270	- 0.0305	
	369742.76	2.6147	30.0915	0.3405	0.0933	- 0.3295	- 0.0219	DESIRED

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369742.759	+ 8329.56	+ 1354473.9	+ 1002759.9	+ 419261.9	+ 18.75	- 44.02	- 20.58	+ 571.68
ENV	369742.759	+ 8297.43	+ 1354491.7	+ 999992.1	+ 425760.6	+ 18.75	- 44.19	- 20.58	+ 575.09
ERR	0.000	32.07	17.7	2767.8	6498.6	0.00	0.17	0.00	3.40

	IN POUNDS	ANO	FOOTS	ANO	FOOTS	ANO	FOOTS	ANO	FOOTS
AGC	+18363.34	+ 4443812.3	+ 3289895.0	+ 1375531.4	+ 61.54	- 144.42	- 67.54	+ 1875.61	
ENV	+18292.64	+ 4443870.5	+ 3280814.0	+ 1396852.5	+ 61.54	- 145.01	- 67.53	+ 1886.79	

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PIPTIME:	3.69742760000	05			P64: APPRQUAC			TPIP:	3.69742760000	05
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	R	ANO	RG		V	ANO	VG				
1.73662912499	06	-3.30018749999	03	-1.01549999999	03	-1.57392501831	01	-1.64651870727	00	4.96334075927	01
5.70499999999	02	-6.78749999999	01	-2.06512499999	03	-1.57001495361	01	2.42958068847	00	5.42335510253	01

	LANO		TTF		CG		AFC			
1.73605724999	06	-3.38462499999	03	1.04862459599	03	-1.12444570312	02	0.99 -0.00 0.00	2.22149770706	00
								0.00 0.99 0.07		
								-0.00 -0.07 0.99		

	UNFC		UNWC								
8.76851902175	-01	5.81998046722	-03	-4.80725355815	-01	-2.66744324437	-01	-3.93096899170	-02	9.62965323186	-01

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369744.28	8329.56	- 18	1476	2.2694	2.2214	1498	1476	- 22	0	- 22

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OISPLAYS:	TIME	MODE	VERBNCUN	H	HDOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
	369744.58	64	6 64	1876	- 516	- 1 52	12	1709	78 46	1781	- 2

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ATTITUDE:	CDUTIME	COJX	CDUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
	369744.76	4.3395	29.3994	0.0219	0.0578	- 0.3347	0.0304	
	369744.76	2.6147	29.4543	0.3405	0.1043	- 0.3186	- 0.0219	OESPEO

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369744.759	+ 8317.35	+ 1354509.9	+ 1002673.9	+ 419221.9	+ 17.98	- 42.08	- 19.73	+ 540.56
ENV	369744.759	+ 8284.81	+ 1354528.4	+ 999905.6	+ 425720.3	+ 17.94	- 42.24	- 19.73	+ 544.06
ERR	0.000	32.54	18.4	2768.3	6498.3	0.03	0.16	0.00	3.49

	IN POUNDS	AND FOOT							
ACC	+18336.44		+ 4443930.4	+ 3289612.8	+ 1375400.2	+ 58.99	- 138.06	- 64.74	+ 1773.49
ENV	+18264.69		+ 4443990.9	+ 3280530.5	+ 1396720.2	+ 58.86	- 138.59	- 64.73	+ 1784.68

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PIPTIME:	3.69744760000	05		P64: APPRQUAD		TPIP:	3.69744760000	05
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	R AND RG			V AND VC							
1.73659759999	06	-3.30343749999	03	-9.18437499999	02	-1.50207042694	01	-1.62096023559	00	4.74947452545	01
5.35459959999	02	-6.46249999999	01	-1.95899999999	03	-1.49837493896	01	2.33345031738	00	5.20965576171	01

	LAND			TTF			CG			AFC		
1.73605724999	06	-3.38474999999	03	1.03962499999	03	-1.10407597656	02	0.99	-0.00	0.00	2.19804234802	00
								0.00	0.99	0.07		
								-0.00	-0.07	0.99		

	UNFC			UNWC							
8.81575740717	-01	6.05182062791	-03	-4.72003287170	-01	-2.65994766338	-01	-3.99175257423	-02	9.63147639471	-01

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THRCTLLE:	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369746.30	8317.35	- 12	1458	2.2494	2.1980	1474	1458	- 16	0	- 16

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DISPLAYS:	TIME	MODE	VERBNOUN	H	HDT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
	369746.59	64	6 64	1773	- 493	- 1 50	11	1634	76 45	1710	- 2

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ATTITUDE:	CDUTIME	CDUX	CDUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
	369746.76	4.4165	28.7292	0.0769	- 0.0204	- 0.3128	0.0470	
	369746.76	2.6147	28.9929	0.3405	0.1098	- 0.3945	0.0109	DESIRED

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	TIME	MASS	RN			VN			ALTITUDE
ACC	369746.759	+ 8305.16	+ 1354545.9	+ 1002591.9	+ 419181.9	+ 17.18	- 40.21	- 18.90	+ 510.74
ENV	369746.759	+ 8272.30	+ 1354563.5	+ 999823.1	+ 425681.7	+ 17.15	- 40.35	- 18.90	+ 514.40
ERR	0.000	32.86	17.5	2768.8	6499.7	0.03	0.14	0.00	3.65

	IN POUNDS	AND FOOT							
AGC	+18309.57	+ 4444048.5	+ 3289343.8	+ 1375269.0	+ 56.38	- 131.92	- 62.03	+ 1675.68	
ENV	+18237.12	+ 4444106.0	+ 3280259.5	+ 1396593.5	+ 56.26	- 132.40	- 62.02	+ 1687.67	

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PIPTIME: 3.6974676000 05 P64: APPRQUAO TPIP: 3.6974676000 05

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P64: APPRQUAO  
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R AND RG				V AND VG							
1.73656824999	06	-3.30662499999	03	-8.25562499999	02	-1.43620014190	01	-1.59673690795	00	4.54023838043	01
5.09749999999	02	-5.94999999999	01	-1.85699999999	03	-1.43268585205	01	2.18544006347	00	5.00080108642	01

LAND				TTF				CG			AFC	
1.73605724999	06	-3.38487459999	03	1.03049999999	03	-1.08384692382	02	0.99	-0.00	0.00	2.17685708776	00
								0.00	0.99	0.07		
								-0.00	-0.07	0.99		

UNFC				UNWC							
8.86521717646	-01	6.29442751686	-03	-4.62644165989	-01	-2.65162748774	-01	-4.05313225566	-02	9.63351404501	-01

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	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369748.29	8305.16	- 16	1442	2.2244	2.1768	1462	1442	- 19	0	- 19

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	TIME	MODE	VERBNOUN	H	HDOI	TTF	RANGE	ARVEL	TTF LPD	VHORIZ	DELTAH
DISPLAYS:	369748.59	64	6 64	1676	- 470	- 1 48	10	1562	74 44	1642	- 3

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	CDUTIME	CDUX	CDUY	CDUZ	OMEGAX	DMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369748.76	4.3725	28.0700	0.1318	- 0.0198	- 0.3321	0.0642	
	369748.76	2.6367	29.3337	0.3405	0.1153	- 0.3405	0.0000	DESIREO

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369748.759	+ 8292.99	+ 1354577.9	+ 1002511.9	+ 419145.9	+ 16.42	- 38.35	- 18.17	+ 482.37
ENV	369748.759	+ 8259.94	+ 1354597.0	+ 999744.2	+ 425644.6	+ 16.38	- 38.52	- 18.10	+ 486.07
ERR	0.000	33.05	19.0	2767.7	6498.6	0.04	0.16	0.06	3.70

AGC	IN PDUNDS	+18282.74	+ 4444153.5	+ 3289081.3	+ 1375150.9	+ 53.89	- 125.84	- 59.61	+ 1582.59
ENV	ANO FOOTS	+18209.87	+ 4444216.0	+ 3280000.7	+ 1396472.1	+ 53.76	- 126.40	- 59.39	+ 1594.74

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PIPTIME: 3.6974876000 05

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P64: APPROUAD  
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TPIP: 3.6974876000 05

R ANO PG				V ANO VG							
1.73653987499	06	-3.30981249999	03	-7.36812499999	02	-1.37067317962	01	-1.64699554443	00	4.33726310729	01
4.81499999999	02	-5.44999999999	01	-1.75924999999	03	-1.36730194091	01	1.96495056152	00	4.79881286621	01

LAND				TTF				CG				AFC			
1.73605724999	06	-3.38499999999	03	1.02137499999	03	-1.06361035156	02	0.99	-0.00	0.00	2.15541105717	00	0.00	0.99	0.06
								0.00	0.99	0.06					
								-0.00	-0.06	0.99					

UNFC				UNWC							
8.91290166791	-01	8.30792768531	-03	-4.53357272930	-01	-2.64412748432	-01	-4.11390102593	-02	9.63531774411	-01

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THRCTLLE:	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369750.29	8292.99	- 10	1426	2.1995	2.1554	1439	1426	- 13	0	- 13

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DISPLAYS:	TIME	MODE	VERBNOUN	H	FDCT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
	369750.59	64	6 64	1583	- 449	- 1 46	10	1493	72 43	1575	- 2

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ATTITUDE:	CDUTIME	CDUX	COUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
	369750.76	4.3286	27.4658	0.1757	- 0.0696	- 0.2751	0.0449	
	369750.76	2.9344	27.6965	0.3405	- 0.0439	- 0.2966	0.0659	CESIED

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	TIME	MASS	RN			VN			ALTITUDE
ACC	369750.759	+ 8280.84	+ 1354609.9	+ 1002437.9	+ 419105.9	+ 15.70	- 36.59	- 17.38	+ 455.24
ENV	369750.759	+ 8247.73	+ 1354629.0	+ 999668.9	+ 425609.2	+ 15.65	- 36.75	- 17.32	+ 459.04
ERR	0.000	33.10	19.0	2769.0	6499.2	0.05	0.15	0.06	3.79

	IN POUNDS	ANO FOOT							
AGC	+18255.95	+ 4444258.5	+ 3288838.5	+ 1375032.8	+ 51.53	- 120.07	- 57.02	+ 1493.60	
ENV	+18182.95	+ 4444321.1	+ 3279753.7	+ 1396355.8	+ 51.34	- 120.59	- 56.82	+ 1506.05	

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PIPTIME: 3.6975076000 05

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P64: APPRQUAO  
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TPIP: 3.6975076000 05

R AND PG				V ANO VG							
1.73651281249	06	-3.31306249999	03	-6.52062499999	02	-1.30640983581	01	-1.61237716674	00	4.14172649383	01
4.54499999999	02	-4.28749999999	01	-1.66562499999	03	-1.30321502685	01	1.64184570312	00	4.60430145263	01

LAND				TTF				CG				AFC				
1.73605724999	06	-3.38512499999	03	1.01224999999	03	-1.04320307617	02	0.99	-0.00	0.00	2.13458435609	00				
								0.00	0.99	0.06						
								-0.00	-0.06	0.99						

TRANSIENT 0.576

UNFC				UNWC							
8.95807833026	-01	8.04431014322	-03	-4.44368783065	-01	-2.63694955112	-01	-4.16296202283	-02	9.63707396136	-01

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	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369752.29	8280.84	- 12	1410	2.1745	2.1345	1426	1410	- 16	0	- 16

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	TIME	MODE	VERBNOUN	H	FOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
OISPLAYS:	369752.59	64	6 64	1494	- 428	- 1 44	9	1425	70 43	1511	- 2

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	COUTIME	COUX	COUY	COUZ	OMEGAX	CMEGAY	OMEGAZ	ACTUAL
ALTITUDE:	369752.76	4.1967	26.9494	0.2856	- 0.0684	- 0.2203	0.0874	
	369752.76	2.8344	27.2351	0.3405	- 0.0274	- 0.3405	0.0659	DESIREO

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369752.759	+ 8269.21	+ 1354639.9	+ 1002365.9	+ 419075.9	+ 14.98	- 34.88	- 16.61	+ 429.37
ENV	369752.759	+ 8235.64	+ 1354659.6	+ 999597.1	+ 425575.4	+ 14.93	- 35.03	- 16.55	+ 433.27
ERR	0.000	33.56	19.6	2768.8	6499.4	0.04	0.14	0.06	3.90

AGC	IN POUNDS	+19230.31	+ 4444356.9	+ 3288602.3	+ 1374921.2	+ 49.16	- 114.46	- 54.51	+ 1408.71
ENV	AND FOOTS	+18156.30	+ 4444421.4	+ 3279518.2	+ 1396244.7	+ 49.00	- 114.94	- 54.31	+ 1421.50

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PIPTIME: 3.69752760000 05

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P64: APPRQUAC  
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TIPI: 3.69752760000 05

R AND RG				V AND VG							
1.73648693749	06	-3.31624999999	03	-5.71124999999	02	-1.24547958374	01	-1.57828330993	00	3.95031929016	01
4.28749999999	02	-3.92499999999	01	-1.57549999999	03	-1.24244689941	01	1.52854919433	00	4.41310882568	01

LAND				TTF				CG			AFC	
1.73605724999	06	-3.38524999999	03	1.00312499999	03	-1.02295048828	02	0.99	-0.00	0.00	2.11458187550	00
								0.00	0.99	0.06		
								-0.00	-0.06	0.99		

UNFC				UNWC							
9.00484270505	-01	8.17545016727	-03	-4.34811730047	-01	-2.63058205286	-01	-4.22357953730	-02	9.63855029670	-01

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	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369754.29	8269.21	- 14	1395	2.1595	2.1145	1412	1395	- 17	0	- 17

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	TIME	MODE	VERBNOU	H	HOOT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
DISPLAYS:	369754.59	64	6 64	1409	- 407	- 1 42	9	1359	68 42	1448	- 3

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	CDUTIME	COUX	CDUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ALTITUDE:	369754.76	4.0649	26.4001	0.3515	- 0.0706	- 0.3367	- 0.0107	
	369754.76	2.8344	26.5979	0.3405	- 0.0164	- 0.3076	0.0549	OESIREC

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369754.759	+ 8257.60	+ 1354669.9	+ 1002297.9	+ 419043.9	+ 14.28	- 33.22	- 15.86	+ 404.74
ENV	369754.759	+ 8223.69	+ 1354688.8	+ 999528.7	+ 425543.0	+ 14.23	- 33.37	- 15.80	+ 408.72
ERR	0.000	33.91	18.8	2769.2	6499.0	0.04	0.14	0.05	3.97

AGC	IN PCUNOS	+18204.71	+ 4444455.3	+ 3288379.2	+ 1374816.2	+ 46.86	- 109.01	- 52.03	+ 1327.91
ENV	ANO FOOT5	+18129.95	+ 4444517.1	+ 3279293.8	+ 1396138.5	+ 46.71	- 109.48	- 51.85	+ 1340.97

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PIPTIME: 3.6975476000 05

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P64: APPRQUAO  
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TPIP: 3.6975476000 05

R ANO RG				V ANO VG							
1.73646237499	06	-3.31937499999	03	-4.93999999999	02	-1.18607521057	01	-1.53660774230	00	3.76414299011	01
4.04249999999	02	-3.57499999999	01	-1.48924999999	03	-1.18320465087	01	1.42250061035	00	4.2271041E701	01

LANO				TTF				CG			AFC	
1.73605724999	06	-3.38537499999	03	9.93999999999	02	-1.00286342773	02	0.99	-0.00	0.00	2.09502642974	00
								0.00	0.99	0.06		
								-0.00	-0.06	0.99		

UNFC				UNWC							
9.05054578853	-01	8.13840636186	-03	-4.25217562711	-01	-2.62453625953	-01	-4.27250088761	-02	9.63998271699	-01

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	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369756.29	8257.60	- 10	1380	2.1345	2.0950	1392	1380	- 12	0	- 12

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	TIME	MODE	VFRBDOUN	H	HDDT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
OISPLAYS:	369756.59	64	6 64	1328	- 388	- 1 40	8	1295	66 42	1387	- 2

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	CDUTIME	CDUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ALTITUDE:	369756.76	3.9221	25.6178	0.2636	- 0.0698	- 0.2424	0.0214	
	369756.76	2.8344	26.1364	0.3405	- 0.0109	- 0.3735	0.0439	DESIREO

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	TIME	MASS		RN		VN		ALTITUDE
AGC	369756.759	+ 8246.00	+ 1354697.9	+ 1002231.9	+ 419011.9	+ 13.62	- 31.62 - 15.12	+ 381.31
ENV	369756.759	+ 8211.88	+ 1354716.6	+ 999463.6	+ 425512.1	+ 13.55	- 31.75 - 15.07	+ 385.35
ERR	0.000	34.12	18.6	2768.3	6500.1	0.06	0.13 0.04	4.04

AGC	IN PCUNOS	+18179.14	+ 4444547.2	+ 3288162.7	+ 1374711.2	+ 44.70	- 103.74 - 49.62	+ 1251.02
ENV	AND FOOTS	+18103.91	+ 4444608.3	+ 3279080.1	+ 1396037.2	+ 44.48	- 104.19 - 49.47	+ 1264.30

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PIPTIME: 3.6975676000 05

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P64: APPROQUA  
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TPIP: 3.6975676000 05

R AND RG				V ANO VG							
1.73643893749	06	-3.32237499999	03	-4.20499999999	02	-1.12699985504	01	-1.49197578430	00	3.58534336090	01
3.80874999999	02	-3.28749999999	01	-1.40674999999	03	-1.12430572509	01	1.34544372558	00	4.04838562011	01

LANO				TTF				CG				AFC			
1.73605724999	06	-3.38549999999	03	9.84999999999	02	-9.82593359374	01	0.99	-0.00	0.00	2.07554781805	00	0.00	0.99	0.06
								0.00	0.99	0.06					
								-0.00	-0.06	0.99					

UNFC				UNWC							
9.09352582759	-C1	7.86478619566	-03	-4.15951950790	-01	-2.61735146776	-01	-4.32155979285	-02	9.64171730055	-C1

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	TIME	MASS	FWFIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369758.29	8246.00	- 12	1365	2.1145	2.0755	1381	1365	- 16	0	- 16

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	TIME	MODE	VERBNOUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
DISPLAYS:	369758.59	64	6 64	1251	- 365	- 1 38	8	1233	64 41	1328	- 2

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	COUTIME	CDUX	COUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369758.76	3.7902	25.2795	0.2636	- 0.0702	- 0.3158	- 0.0018	
	369758.76	2.8344	25.4772	0.3405	0.0109	- 0.3295	0.0219	DESIRE0

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369758.759	+ 8234.42	+ 1354723.9	+ 1002171.9	+ 418983.9	+ 12.96	- 30.06	- 14.41	+ 359.06	
ENV	369758.759	+ 8200.17	+ 1354743.0	+ 999401.6	+ 425482.7	+ 12.90	- 30.18	- 14.37	+ 363.13	
ERR	0.000	34.25	19.0	2770.3	6498.7	0.06	0.11	0.03	4.07	

	IN POUNDS	ANO	FOOTS	FOOTS	FOOTS	FOOTS	FOOTS	FOOTS	FOOTS
AGC	+18153.62	+ 4444632.5	+ 3287965.8	+ 1374619.4	+ 42.54	- 98.64	- 47.29	+ 1178.02	
ENV	+18078.10	+ 4444695.1	+ 3278876.9	+ 1395940.6	+ 42.33	- 99.04	- 47.16	+ 1191.38	

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PLPTIME: 3.6975876000 05 P64: APPROQUAD TP1P: 3.6975876000 05

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R AND RG				V ANO VG							
1.73641668749	06	-3.32531249999	03	-3.50562499999	02	-1.07169151306	01	-1.44786834716	00	3.41063022613	01
3.58624999999	02	-3.08749999999	01	-1.32774999999	03	-1.06910705566	01	1.28746032714	00	3.87367248535	01

LAND				TTF				CG			AFC	
1.73605724999	06	-3.38562499999	03	9.75999999999	02	-9.62500195312	01	0.99	-0.00	0.00	2.05739634111	00
								0.00	0.59	0.06		
								-0.00	-0.06	0.99		

UNFC				UNWC							
9.13766715407	-01	7.70784064648	-03	-4.06166196286	-01	-2.61242501723	-01	-4.38252608031	-02	9.64277813603	-01

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THROTTLE:	TIME	MASS	FWFIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369760.25	8234.42	- 10	1351	2.0945	2.0573	1364	1351	- 12	0	- 12

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OISPLAYS:	TIME	MODE	VERBANCUN	H	FOOT	TTF	RANGE	ARVEL	TTF LPO	VHORIZ	DELTAH
	369760.59	64	6 64	1178	- 350	- 1 36	7	1173	62 40	1271	- 2

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ATTITUDE:	CDUTIME	COJX	CDUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
	369760.76	3.6474	24.6752	0.2526	- D.0698	- 0.2925	0.0148	
	369760.76	2.8344	24.8400	0.3405	0.0274	- 0.2966	0.0000	DESIRED

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369760.759	+ 8222.86	+ 1354749.9	+ 1002111.9	+ 418953.9	+ 12.32	- 28.55	- 13.71	+ 337.93
ENV	369760.759	+ 8188.60	+ 1354768.2	+ 999342.8	+ 425454.6	+ 12.26	- 28.66	- 13.69	+ 342.01
ERR	0.000	34.26	18.2	2769.1	6500.6	0.06	0.11	0.02	4.08
AGC	IN PCUNOS	+18128.13	+ 4444717.8	+ 3287769.0	+ 1374520.9	+ 40.43	- 93.67	- 45.00	+ 1108.71
ENV	AND FOOTS	+18052.58	+ 4444777.7	+ 3278683.8	+ 1395848.5	+ 40.23	- 94.05	- 44.93	+ 1122.10

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PIPTIME: 3.69760760000 05

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P64: APPRQUAO  
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TPIP: 3.69760760000 05

R AND RG				V AND VG							
1.73639556249	06	-3.32818749999	03	-2.84062499999	02	-1.01733684539	01	-1.40314102172	00	3.24036121368	01
3.37499999999	02	-2.87499999999	01	-1.25212499999	03	-1.01493835449	01	1.22261047363	00	3.70342254638	01

LANO				TTF				CG				AFC	
1.73605724999	06	-3.38574999999	03	9.66874999999	02	-9.42500195312	01	0.99	-0.00	0.00	2.03922158107	00	
								0.00	0.99	0.06			
								-0.00	-0.06	0.99			

TRANSIENT 0.619

UNFC				UNWC							
9.18104616888	-01	7.51850351967	-03	-3.96266809804	-01	-2.60751122347	-01	-4.43130418596	-02	9.64388514300	-01

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	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369762.35	8222.86	- 14	1338	2.0795	2.0392	1354	1338	- 16	0	- 16

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	TIME	MODE	VERBNOUN	H	HDOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
DISPLAYS:	369762.61	64	6 64	1109	- 333	- 1 34	7	1115	60 40	1215	- 2

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	COUTIME	CDUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369762.76	3.5156	24.1699	0.2307	- 0.0693	- 0.2102	0.0336	
	369762.76	2.8344	24.3786	0.3405	0.0384	- 0.3845	0.0109	DESIREO

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369762.759	+ 8211.82	+ 1354771.9	+ 1002055.9	+ 418927.9	+ 11.71	- 27.08	- 13.05	+ 317.62
ENV	369762.759	+ 8177.12	+ 1354792.1	+ 999286.9	+ 425427.9	+ 11.64	- 27.19	- 13.03	+ 321.97
ERR	0.000	34.69	20.1	2769.0	6499.9	0.07	0.10	0.01	4.35

	IN POUNDS	ANO	FOOTS	FOOTS	FOOTS	FOOTS	FOOTS	FOOTS	FOOTS
AGC	18103.78	4444790.0	3287585.3	1374435.6	38.44	88.84	42.82	1042.07	
ENV	18027.29	4444856.1	3278500.6	1395760.8	38.21	89.20	42.76	1056.35	

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PIPTIME: 3.6976276000 05

||||| P64: APPROQUAD |||||

TPIP: 3.6976276000 05

R ANO RG				V ANO VG							
1.73637524999	06	-3.33093749999	03	-2.20874999999	02	-9.63797569274	00	-1.36880874633	00	3.07650089263	01
3.17249999999	02	-2.66249999999	01	-1.17974999999	03	-9.61532592773	00	1.15509033203	00	3.53965759277	01

LANO				TTF				CG			AFC	
1.73605724999	06	-3.38587499999	03	9.57749999999	02	-9.22500195312	01	0.99	-0.00	0.00	2.02155672013	00
								0.00	0.99	0.06		
								-0.00	-0.06	0.99		

TRANSIENT 0.597

UNFC				UNWC							
9.22190686736	-01	7.48515322095	-03	-3.86663044236	-01	-2.60144392073	-01	-4.49240433050	-02	9.64524092807	-01

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	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369764.30	8211.82	- 8	1324	2.0595	2.0215	1335	1324	- 11	C	- 11

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	TIME	MODE	VERBNOUN	H	HDOT	TTF	RANGE	ASVEL	TTF LPO	VHORIZ	DELTAH
DISPLAYS:	369764.59	64	6 64	1042	- 315	- 1 32	7	1058	58 39	1161	- 4

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	COUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRED
ATTITUDE:	369764.76	3.3728	23.6096	0.2856	- 0.0691	- 0.3968	0.0301		
	369764.76	2.8344	23.7194	0.3405	0.0494	- 0.3515	0.0109		

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	TIME	MASS		RN		VN		ALTITUDE
AGC	369764.759	+ 8200.79	+ 1354795.9	+ 1002003.9	+ 418901.9	+ 11.09	- 25.67 - 12.40	+ 298.56
ENV	369764.759	+ 8165.79	+ 1354814.8	+ 999234.0	+ 425402.4	+ 11.04	- 25.76 - 12.39	+ 302.97
ERR	0.000	35.00	18.8	2769.9	6500.4	0.05	0.09 0.00	4.41

AGC	IN POUNDS	+18079.47	+ 4444868.7	+ 3287414.6	+ 1374350.3	+ 36.41	- 84.22 - 40.69	+ 979.53
ENV	AND FOOTS	+18002.30	+ 4444930.5	+ 3278326.8	+ 1395677.4	+ 36.22	- 84.54 - 40.66	+ 994.01

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PIPTIME: 3.6976476000 05

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P64: APPROUAD  
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TPIP: 3.6976476000 05

R AND PG				V AND VG							
1.73635618749	06	-3.33362499999	03	-1.60937499999	02	-9.15160179138	00	-1.32470120920	00	2.91654586791	01
2.98249999999	02	-2.42459999999	01	-1.11087499999	03	-9.13009643554	00	1.08146667480	00	3.37974548339	01

LAND				TTF				CG				AFC			
1.73605724999	06	-3.38599999999	03	9.48749999999	02	-9.02707128906	01	0.99	-0.00	0.00	2.00557988137	00	0.00	0.99	0.06
								0.00	0.99	0.06					
								-0.00	-0.06	0.99					

TRANSIENT 0.642

UNFC				UNWC							
9.26468643339	-01	7.24758660833	-03	-3.76302172991	-01	-2.59766577224	-01	-4.54103227102	-02	9.64603145313	-01

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	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369766.29	8200.79	- 8	1312	2.0345	2.0055	1323	1312	- 11	C	- 11

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	TIME	MODE	VERBNOU	H	PDCT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
DISPLAYS:	369766.58	64	6 64	980	- 299	- 1 30	6	1003	56 39	1109	- 1

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	CDUTIME	CDUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369766.76	3.2409	22.8845	0.2746	- 0.0692	- 0.3170	0.0222	
	369766.76	2.8344	23.0603	0.3405	0.0604	- 0.3735	0.0109	CEASURED

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	TIME	MASS	RN				VN			ALTITUDE
ACC	369766.759	+ 8189.78	+ 1354815.9	+ 1001953.9	+ 418877.9	+ 10.52	- 24.28	- 11.77	+ 280.56	
ENV	369766.759	+ 8154.55	+ 1354836.3	+ 999183.8	+ 425378.3	+ 10.46	- 24.38	- 11.77	+ 284.96	
ERR	0.000	35.23	20.3	2770.1	6500.3	0.06	0.09	0.00	4.40	

	IN POUNDS	AND FEET								
ACC	+18055.19		+ 4444934.3	+ 3287250.6	+ 1374271.6	+ 34.53	- 79.68	- 38.62	+ 920.48	
ENV	+17977.52		+ 4445001.1	+ 3278162.3	+ 1395598.1	+ 34.32	- 80.01	- 38.62	+ 934.93	

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PIPTIME:	3.6976676000	05		P64: APPROQUAD		TPIP:	3.6976676000	05
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R AND RG				V ANO VG							
1.73633818749	06	-3.33624999999	03	-1.04124999999	02	-8.64820480346	00	-1.28841400146	00	2.76225566864	01
2.80374999999	02	-2.24999999999	01	-1.04499999999	03	-8.62770080566	00	1.02310180664	00	3.22547912597	01

LANO				TTF				CG			AFC	
1.73605724999	06	-3.38612499999	03	9.35749999999	02	-8.82814306640	01	0.99	-0.00	0.00	1.98814319446	00
TRANSIENT 0.607								0.00	0.59	0.06		
								-0.00	-0.06	0.99		

UNFC				UNWC							
9.30407720911	-01	7.14484812685	-03	-3.66456578619	-01	-2.59531645964	-01	-4.60223097501	-02	9.64637378365	-01

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	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369768.29	8189.78	- 16	1299	2.0295	1.9881	1318	1299	- 19	0	- 19

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	TIME	MODE	VERBNOUN	H	FOOT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
OISPLAYS:	369768.58	64	6 64	920	- 283	- 1 28	6	950	54 38	1058	- 1

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	CDUTIME	CDUX	CDUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369768.76	3.1091	22.2802	0.2856	- 0.0691	- 0.3203	0.0211	
	369768.76	2.8344	22.4011	0.3405	0.0769	- 0.3405	0.0109	DESIRED

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369768.759	+ 8178.78	+ 1354837.9	+ 1001505.9	+ 418855.9	+ 9.92	- 22.93	- 11.15	+ 263.56
ENV	369768.759	+ 8143.41	+ 1354856.7	+ 999136.4	+ 425355.3	+ 9.90	- 23.05	- 11.16	+ 267.94
ERR	0.000	35.36	18.7	2769.5	6499.3	0.01	0.11	0.01	4.38

	IN POUNDS AND FOOTS	MASS	RN			VN			ALTITUDE
AGC	+18030.94	+ 4445006.5	+ 3287093.1	+ 1374199.4	+ 32.57	- 75.25	- 36.58	+ 864.70	
ENV	+17952.96	+ 4445067.9	+ 3278006.7	+ 1395522.9	+ 32.51	- 75.63	- 36.64	+ 879.09	

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PIPTIME: 3.69768760000 05

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P64: APPRQUAD
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TPIP: 3.69768760000 05

	R AND RG	V ANO VG					
1.73632118749	06 -3.33981249999 03	-5.03749999999	01 -8.18586345487	00 -1.24669075012	00 2.60885053344	01	
2.63374999999	02 -2.06249999999 01	-9.82124999999	02 -8.16688537597	00 9.56344604452	-01 3.07216644287	01	

	LAND	TTF	CG	AFC
1.73605724999	06 -3.38624999999 03	9.30624999999 02	-8.63481738281 01	0.99 -0.00 0.00
				0.00 0.99 0.06
				-0.00 -0.06 0.99

	UNFC	UNWC
9.34717757850	-01 6.99059952675 -03	-3.55322170278 -01 -2.59524307456 -01 -4.66313666266 -02 9.64610102313 -01

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	TIME	MASS	FWEIGHT	FCOLO	AE	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369770.28	8178.78	- 4	1287	2.0045	1.9720	1292	1287	- 5	0	- 5

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	TIME	MODE	VERBNOUN	H	HOOT	TTF	RANGE	ARVEL	TTF LPD	VHORIZ	OELTAN
OISPLAYS:	369770.57	64	6 64	865	- 267	- 1 26	5	899	52 37	1008	- 1

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	COUTIME	COUX	CDUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL DESIRED
ATTITUDE:	369770.76	2.9663	21.6320	0.2856	- 0.0688	- 0.3120	0.0270	
	369770.76	2.8344	21.7419	0.3405	0.0933	- 0.3515	- 0.0109	

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	TIME	MASS	RN				VN			ALTITUDE
ACC	369770.759	+ 8167.79	+ 1354855.9	+ 1001861.9	+ 418833.6	+ 9.38	- 21.65	- 10.56	+ 247.37	
ENV	369770.759	+ 8132.41	+ 1354875.9	+ 999091.6	+ 425333.6	+ 9.36	- 21.77	- 10.59	+ 251.86	
ERR	0.000	35.37	19.9	2770.3	6499.6	0.01	0.12	0.02	4.48	

	IN PCUMDS	MASS	RN				VN			ALTITUDE
ACC	18006.72	+ 4445065.6	+ 3286948.8	+ 1374127.2	+ 30.80	- 71.05	- 34.66	+ 811.59		
ENV	AND FOOT5	+ 4445131.1	+ 3277856.6	+ 1395451.5	+ 30.74	- 71.45	- 34.74	+ 826.31		

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PIPTIME:	3.69770760000	05		P64: APPROUAD	TPIP:	3.69770760000	05
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R AND RG				V AND VG							
1.7363C49999	06	-3.3412499999	03	3.7499999999	-01	-7.72585868835	00	-1.21240615844	00	2.46531486511	01
2.4724999999	02	-1.8874999999	01	-9.2224999999	02	-7.70797729492	00	8.96072387695	-01	2.92865753173	01

LANO				TTF				CG			AFC	
1.73605724999	06	-3.3863749999	03	9.2162499999	02	-8.43712402343	01	0.99	-0.00	0.00	1.95671105757	00
TRANSIENT 0.604								0.00	0.99	0.06		
								-0.00	-0.06	0.99		

UNFC				UNWC							
9.38412924493	-01	6.91454890195	-03	-3.45446627073	-01	-2.59403020511	-01	-4.72418677355	-02	9.64613020274	-C1

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	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369772.27	8167.79	- 10	1275	1.9845	1.9567	1289	1275	- 14	0	- 14

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	TIME	MODE	VERBNOU	H	HDOT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
DISPLAYS:	369772.57	64	6 64	812	- 253	- 1 24	5	848	50 37	961	- 2

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	CDUTIME	CDJX	CDUY	CDJZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369772.76	2.9344	20.9948	0.2856	- 0.0690	- 0.3419	0.0146	DESIRE
	369772.76	2.8344	21.0827	0.3405	0.1043	- 0.3405	- 0.0109	

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369772.759	+ 8157.32	+ 1354873.9	+ 1001819.9	+ 418811.9	+ 8.87	- 20.41	- 10.01	+ 232.18
ENV	369772.759	+ 8121.48	+ 1354894.2	+ 999049.3	+ 425313.0	+ 8.86	- 20.53	- 10.02	+ 236.68
ERR	0.000	35.84	20.2	2770.6	6501.0	0.01	0.12	0.01	4.49

	IN PCUNDS	ANO FOOTS							
AGC	+17983.64	+ 4445124.6	+ 3286811.0	+ 1374055.1	+ 29.12	- 66.96	- 32.85	+ 761.77	
ENV	+17904.61	+ 4445190.9	+ 3277720.8	+ 1395383.8	+ 29.06	- 67.37	- 32.90	+ 776.52	

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PIPTIME: 3.6977276000 05

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P64: APPRQUAO
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TPIP: 3.6977276000 05

R AND RG				V AND VG							
1.736289E1249	06	-3.34362499999	03	4.83124999999	01	-7.27200508117	00	-1.19295120239	00	2.32711315155	C1
2.32124959999	02	-1.71245999999	01	-8.65249999999	02	-7.25517272949	00	8.19015502929	-01	2.79060363769	01

LANO				TTF				CG				AFC			
1.73605724999	06	-3.38649999999	03	9.12624999999	02	-8.23832031249	01	0.99	-0.00	0.00	1.94108579307	00	0.00	0.99	0.06
								0.00	0.99	0.06					
								-0.00	-0.06	0.99					

UNFC				UNWC							
9.41900944126	-01	7.34684991451	-03	-3.35810415635	-01	-2.59541414205	-01	-4.77331575513	-02	9.64551605660	-01

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	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFSET	REG55
THROTTLE:	369774.27	8157.32	- 8	1263	1.9745	1.9410	1275	1263	- 11	C	- 11

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	TIME	MODE	VERBNOUN	F	FOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
DISPLAYS:	369774.57	64	6 64	762	- 238	- 1 22	5	800	48 36	915	- 1

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	COUTIME	CDUX	CDUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIREO
ATTITUDE:	369774.76	2.7026	20.3247	0.2746	- 0.0688	- 0.3179	0.0203		
	369774.76	2.8344	20.4235	0.3405	0.1043	- 0.3295	0.0000		

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369774.759	+ 8146.86	+ 1354891.9	+ 1001779.9	+ 418793.9	+ 8.37	- 19.20	- 9.46	+ 217.81	
ENV	369774.759	+ 8110.66	+ 1354911.4	+ 999009.4	+ 425293.4	+ 8.37	- 19.34	- 9.48	+ 222.40	
ERR	0.000	36.20	19.4	2770.5	6499.4	0.00	0.13	0.02	4.59	

	IN POUNDS	FOOTS								
AGC	+17960.58	+ 4445183.7	+ 3286679.7	+ 1373996.0	+ 27.47	- 63.01	- 31.05	+ 714.60		
ENV	+17880.76	+ 4445247.5	+ 3277590.0	+ 1395319.8	+ 27.46	- 63.46	- 31.12	+ 729.68		

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PIPTIME:	3.69774760000	05		P64: APPRQUA0	TPIP:	3.69774760000	05
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	R AND RG					V AND VG			
1.73627543749	06 -3.34599999999	03	9.35624997999	01	-6.83860778808	00 -1.16019248962	00	2.19217777252	01
2.17749999999	02 -1.46249999999	01	-8.10999999999	02	-6.82296752929	00	7.27462768554	-01	2.65583038330

	LANO					TTF	CG	AFC	
1.73605724999	06 -3.38662499999	03	9.03499999999	02	-8.04204785156	01	0.99 -0.00 0.00	1.92617997527	00
							0.00 0.99 0.06		
	TRANSIENT	0.611					-0.00 -0.06 0.99		

	UNFC					UNWC					
9.45433427716	-01	7.27557745155	-03	-3.25734093592	-01	-2.59792074409	-01	-4.83447657265	-02	9.64453659695	-01

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THRITTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369776.28	8146.86	- 10	1252	1.9595	1.9261	1265	1252	- 13	0	- 13

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OISPLAYS:	TIME	MOOE	VERBNCUN	H	FOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
	369776.57	64	6 64	715	- 223	- 1 20	5	755	46 35	871	- 2

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ATTITUDE:	COUIME	CDUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
	369776.76	2.5708	19.6875	0.2856	- 0.0691	- 0.3396	- 0.0003	
	369776.76	2.8564	19.7863	0.3405	0.1208	- 0.2966	- 0.0109	DESIRED

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369776.759	+ 8136.42	+ 1354907.9	+ 1001741.9	+ 418773.9	+ 7.90	- 18.05	- 8.92	+ 204.43
ENV	369776.759	+ 8099.93	+ 1354927.7	+ 998971.8	+ 425275.0	+ 7.90	- 18.19	- 8.96	+ 208.98
ERR	0.000	36.49	19.7	2770.1	6501.0	0.00	0.13	0.03	4.54
AGC	IN POUNDS	+17937.56	+ 4445236.2	+ 3286555.1	+ 1273930.4	+ 25.92	- 59.24	- 29.28	+ 670.72
ENV	AND FEET	+17857.11	+ 4445300.8	+ 3277466.8	+ 1395259.3	+ 25.92	- 59.70	- 29.41	+ 685.65

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PIPTIME: 3.69776760000 05

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P64: APPRQUAO  
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TPIP: 3.69776760000 05

R AND PG			V AND VG			
1.7362626249	06	-3.34824999999 03	1.36124999999 02	-6.41374588012 00	-1.11594200134 00	2.06377983053 01
2.04374999999	02	-1.31249999999 01	-7.59374999999 02	-6.39877319335 00	6.77871704101 -01	2.52742767333 01

LAND			TTF			CG			AFC		
1.73605724999	06	-3.38674999999 03	8.94499999999 02	-7.84462792968 01	0.99 -0.00 0.00	1.91126484423 00					
TRANSIENT 0.572			0.00 0.99 0.06			-0.00 -0.06 0.99					

UNFC			UNWC			
9.48640572925	-01	6.90598622861 -03	-3.16280525409 -01	-2.60384072360 -01	-4.89517173073 -02	9.64263379075 -01

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	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369778.27	8136.42	- 10	1240	1.9445	1.9112	1252	1240	- 12	0	- 12

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	TIME	MODE	VERBNOUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
DISPLAYS:	369778.57	64	6 64	671	- 209	- 1 18	4	710	44 35	829	- 1

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	COUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369778.76	2.4279	19.1271	0.2526	- 0.0693	- 0.2187	- 0.0051	
	369778.76	3.0541	19.3249	0.3405	0.0274	- 0.3515	- 0.0219	DESIREO

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369778.759	+ 8125.99	+ 1354921.9	+ 1001705.9	+ 418757.9	+ 7.45	- 16.56	- 8.42	+ 191.74	
ENV	369778.759	+ 8089.31	+ 1354943.0	+ 998936.6	+ 425257.6	+ 7.45	- 17.09	- 8.46	+ 196.39	
ERR	0.000	36.67	21.0	2769.3	6499.6	0.00	0.13	0.03	4.64	

	IN POUNDS	AND	FOOTS							
AGC	+17914.56			+ 4445282.1	+ 3286437.0	+ 1373877.9	+ 24.44	- 55.64	- 27.64	+ 629.10
ENV	+17833.71			+ 4445351.2	+ 3277351.0	+ 1395202.1	+ 24.44	- 56.08	- 27.77	+ 644.33

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PIPTIME:	3.69778760000	05		P64: APPROUAD		TPIP:	3.69778760000	05
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R AND RG				V AND VG							
1.73624937499	06	-3.35043749999	03	1.76187499999	02	-6.01043701171	00	-1.08714103698	00	1.94145202636	01
1.91749999999	02	-1.23749999999	01	-7.10249999999	02	-5.99670410156	00	6.37817382812	-01	2.40512847900	01

LAND				TTF				CG			AFC	
1.73605724999	06	-3.38687499999	03	8.85499999999	02	-7.64328808593	01	0.99	-0.00	0.00	1.89752550795	00
TRANSIENT 0.548								0.00	0.99	0.06		
								-0.00	-0.06	0.99		

UNFC				UNWC							
9.51622620634	-01	7.14985398899	-03	-3.07186047022	-01	-2.61121840307	-01	-4.94410216570	-02	5.64038884014	-01

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	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369780.27	8125.99	- 4	1230	1.9245	1.8975	1237	1230	- 7	0	- 7

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	TIME	MODE	VERBNOUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
DISPLAYS:	369780.57	64	6 64	629	- 196	- 1 16	4	667	42 34	789	- 1

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	COUTIME	CDUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369780.76	2.2961	18.6218	0.1977	- 0.0690	- 0.3358	- 0.0014	
	369780.76	3.0541	18.6877	0.3405	0.0329	- 0.2856	- 0.0219	DESIRED

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369780.759	+ 8115.57	+ 1354937.9	+ 1001673.9	+ 418741.9	+ 7.00	- 15.90	- 7.93	+ 179.93
ENV	369780.759	+ 8078.79	+ 1354957.5	+ 998903.4	+ 425241.1	+ 7.00	- 16.03	- 7.98	+ 184.58
ERR	0.000	36.77	19.5	2770.5	6499.1	0.00	0.13	0.04	4.65

	IN POUNDS	AND FEET							
AGC	+17891.59		+ 4445334.6	+ 3286332.0	+ 1373825.4	+ 22.99	- 52.17	- 26.03	+ 590.34
ENV	+17810.52		+ 4445398.6	+ 3277242.3	+ 1395148.2	+ 22.99	- 52.61	- 26.20	+ 605.60

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PIPTIME: 3.6978076000 05

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P64: APPROUAD
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TPIP: 3.6978076000 05

	R AND RG	V ANO VG								
1.73623749999	06 -3.35256249999	03	2.13812499999	02	-5.62825202941	00	-1.05304718017	00	1.82283401489	01
1.79874999999	02 -1.07499999999	01	-6.63374999999	02	-5.61523437500	00	5.80978393554	-01	2.28656768798	01

	LAND	TTF			CG		AFC		
1.73605724999	06 -3.38699999999	03	8.76374599999	02	-7.44328808593	01	0.99 -0.00 0.00	1.88457779586	00
							0.00 0.99 0.06		
	TRANSIENT 0.549						-0.00 -0.06 0.99		

	UNFC	UNWC								
9.54524039173	-01 6.90000111153	-03	-2.98054103519	-01	-2.62116051263	-01	-5.00547652622	-02	9.63737358487	-C1

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	TIME	MASS	FWEIGHT	FCCLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369782.27	8115.57	- 10	1220	1.9095	1.8845	1232	1220	- 12	0	- 12

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	TIME	MODE	VERBNOUN	H	ICDT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	OELTAH
DISPLAYS:	369782.56	64	6 64	590	- 183	- 1 14	4	626	40 34	750	- 1

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	CDUTIME	CDUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRED
ATTITUDE:	369782.76	2.1533	18.0065	0.1977	- 0.0685	- 0.2427	0.0203		
	369782.76	3.0541	18.2263	0.3405	0.0549	- 0.3295	- 0.0109		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369782.759	+ 8105.17	+ 1354949.9	+ 1001641.9	+ 418725.9	+ 6.57	- 14.88	- 7.46	+ 168.87
ENV	369782.759	+ 8068.34	+ 1354971.1	+ 998872.4	+ 425225.6	+ 6.59	- 15.00	- 7.52	+ 173.54
ERR	0.000	36.82	21.1	2769.5	6499.6	0.01	0.12	0.05	4.66

AGC	IN POUNDS	+17868.66	+ 4445374.0	+ 3286227.0	+ 1373772.9	+ 21.58	- 48.84	- 24.49	+ 554.05
ENV	AND FOOT5	+17787.48	+ 4445443.2	+ 3277140.5	+ 1395097.3	+ 21.62	- 49.24	- 24.67	+ 569.36

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PIPTIME: 3.69782760000 05 P64: APPRQUAD TP1P: 3.69782760000 05

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P64: APPRQUAD  
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R AND RG				V AND VG							
1.73622643749	06	-3.35462499999	03	2.49124999999	02	-5.26237487792	00	-1.01885795593	00	1.70870304107	01
1.68874959999	02	-9.62499999999	00	-6.19124959999	02	-5.25016784667	00	5.36727905273	-01	2.17243194580	01

LAND				TTF				CG			AFC	
1.73605724999	06	-3.38712499999	03	8.67374999999	02	-7.24328808593	01	0.99	-0.00	0.00	1.87182333320	00
		TRANSIENT 0.555						0.00	0.99	0.06		
								-0.00	-0.06	0.99		

UNFC				UNWC							
9.57370356439	-01	6.75794351942	-03	-2.88784228810	-01	-2.63566115855	-01	-5.05402371302	-02	9.63316452160	-01

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369784.28	8105.17	- 6	1210	1.8995	1.8718	1218	1210	- 8	0	- 8

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DISPLAYS:	TIME	MODE	VERBNCUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
	369784.57	64	6 64	554	- 171	- 1 12	3	587	38 33	712	- 1

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ATTITUDE:	CDUTIME	CDIUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
	369784.76	2.0764	17.4902	0.2197	0.044C	- 0.3091	0.0432	
	369784.76	3.0541	17.5891	0.3405	0.0659	- 0.2746	- 0.0219	DESIRED

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369784.759	+ 8095.27	+ 1354963.9	+ 1001613.9	+ 418711.9	+ 6.17	- 13.89	- 7.03	+ 158.56	
ENV	369784.759	+ 8057.98	+ 1354983.8	+ 998843.4	+ 425211.0	+ 6.18	- 14.02	- 7.07	+ 163.23	
ERR	0.000	37.29	19.8	2770.5	6499.0	0.00	0.12	0.04	4.67	

	IN POUNDS	AND FEET								
AGC	+17846.84		+ 4445419.9	+ 3286135.1	+ 1373727.0	+ 20.27	- 45.59	- 23.06	+ 520.21	
ENV	+17764.62		+ 4445485.1	+ 3277045.2	+ 1395049.4	+ 20.28	- 46.01	- 23.22	+ 535.54	

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PIPTIME: 3.6978476000 05

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P64: APPROQUAD  
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PTIP: 3.6978476000 05

	R AND RG	V AND VG					
1.73621612499	06 -3.35662499999 03	2.82187499999	02 -4.89878654479	00 -1.00736618041	00 1.59945964813	01	
1.58624999999	02 -8.62499999999 00	-5.76874999999	02 -4.88739013671	00 4.76074218750	-01 2.06333160400	01	

	LANO	TTF	CG	AFC
1.73605724999	06 -3.38724999999 03	8.58249999999	02 -7.04178027343	01 0.99 -0.00 0.00
				1.85866374522 00
	TRANSIENT 0.514			0.00 0.99 0.06
				-0.00 -0.06 0.99

	UNFC	UNWC					
9.59909871910	-01 7.48975400098 -03	-2.80208746106	-01 -2.65529998888	-01 -5.11526756479	-02 9.62744630452	-01	

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	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369786.26	8095.27	- 8	1200	1.8845	1.8586	1211	1200	- 11	0	- 11

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	TIME	MODE	VERBNOU	H	HOCT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
OISPLAYS:	369786.56	64	6 64	520	- 160	- 1 10	3	549	36 33	677	- 1

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	COUIME	CDUX	CDUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369786.76	2.1643	16.9189	0.2416	0.0428	- 0.2278	- 0.0056	
	369786.76	3.0541	17.1496	0.3405	0.0714	- 0.3076	0.0109	DESIRED

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369786.759	+ 8085.39	+ 1354975.9	+ 1001587.9	+ 418697.9	+ 5.76	- 12.94	- 6.58	+ 143.87	
ENV	369786.759	+ 8047.70	+ 1354995.8	+ 998816.3	+ 425157.3	+ 5.79	- 13.07	- 6.64	+ 153.62	
ERR	0.000	37.69	19.8	2771.6	6499.3	0.03	0.13	0.06	4.75	

AGC	IN POUNDS	ENV	ANO FOOTS	+ 4445459.3	+ 3286049.8	+ 1373681.1	+ 18.90	- 42.46	- 21.61	+ 488.43
				+ 4445524.4	+ 3276956.3	+ 1395004.4	+ 19.01	- 42.90	- 21.80	+ 504.03

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PIPTIME:	3.69786760000	05		P64: APPRQUAG		TPIP:	3.69786760000	05
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R AND RG				V AND VG							
1.73620643749	06	-3.35862499999	03	3.13124999999	02	-4.56476211547	00	-9.75084304809	-01	1.49116039276	01
1.48874999999	02	-6.87499999999	00	-5.36874999999	02	-4.55398559570	00	4.02069091796	-01	1.95510864257	01

LAND				TTF				CG			AFC	
1.73605724999	06	-3.38737499999	03	8.49249999999	02	-6.84649462890	01	0.99	-0.00	0.00	1.84681732207	00
TRANSIENT 0.576								0.00	0.99	0.06		
								-0.00	-0.06	0.99		

UNFC				UNMC							
9.62680612065	-01	7.40920186996	-03	-2.70538616246	-01	-2.67722875908	-01	-5.15180363125	-02	9.62117640234	-01

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369788.31	8085.39	- 6	1191	1.8695	1.8468	1198	1191	- 7	0	- 7

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DISPLAYS:	TIME	MODE	VERBNOUN	H	FDGT	TTF	RANGE	ASVFL	TTF LPO	VHORIZ	DELTAH
	369788.61	64	6 64	488	- 148	- 1 8	3	513	34 32	641	- 2

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ATTITUDE:	CDUTIME	CDUX	CDUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
	369788.76	2.2521	16.4904	0.2416	0.0436	- 0.2132	0.0246	
	369788.76	3.0541	16.6882	0.3405	0.0769	- 0.3515	0.0109	DESIREO

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	TIME	MASS	RN				VN				ALTITUDE
AGC	369788.759	+ 8075.51	+ 1354985.9	+ 1001561.9	+ 418683.9	+ 5.37	- 12.04	- 6.16	+ 139.81		
ENV	369788.759	+ 8037.50	+ 1355007.0	+ 998791.0	+ 425184.4	+ 5.41	- 12.16	- 6.23	+ 144.70		
ERR	0.000	38.01	21.0	2770.9	6500.4	0.04	0.12	0.06	4.89		

	IN POUNDS								
AGC	+17803.28	+ 4445492.1	+ 3285964.5	+ 1373635.1	+ 17.62	- 39.50	- 20.22	+ 458.70	
ENV	AND FEET	+17719.48	+ 4445561.2	+ 3276873.5	+ 1394962.1	+ 17.77	- 39.91	- 20.44	+ 474.74

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PIPTIME: 3.69788760000 05

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P64: APPROUAD.  
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TPIP: 3.69788760000 05

R AND RG				V AND VG							
1.73619737499	06	-3.36056249999	03	3.41937499999	02	-4.24776077270	00	-9.40895080566	-01	1.38924121856	01
1.39874999999	02	-5.87499999999	00	-4.98874999999	02	-4.23812866210	00	3.57437133789	-01	1.85317993164	01

LAND				TTF				CG				AFC			
1.73605724999	06	-3.38749999999	03	8.40124999999	02	-6.64649462890	01	0.99	-0.00	0.00	1.83584168553	00	0.00	0.99	0.06
TRANSIENT 0.525								-0.00				-0.06 0.99			

UNFC				UNWC							
9.65122669834	-01	7.27594752721	-03	-2.61696948318	-01	-2.70398613943	-01	-5.18823525625	-02	9.61349473953	-01

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	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369790.28	8075.51	- 6	1183	1.8595	1.8358	1192	1183	- 9	0	- 9

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	TIME	MODE	VERBNOUN	H	HDOT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
DISPLAYS:	369790.57	64	6 64	459	- 138	- 1 6	3	477	32 32	608	- 1

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	CDUTIME	CDUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369790.76	2.3400	15.9301	0.2526	0.0436	- 0.3518	0.0182	
	369790.76	3.0541	16.0510	0.3405	0.0878	- 0.2856	- 0.0109	DESIPED

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369790.759	+ 8065.66	+ 1354995.9	+ 1001537.9	+ 418671.9	+ 5.01	- 11.16	- 5.76	+ 131.43	
ENV	369790.759	+ 8027.37	+ 1355017.5	+ 998767.6	+ 425172.4	+ 5.05	- 11.29	- 5.83	+ 136.42	
ERR	0.000	38.28	21.5	2770.3	6500.4	0.03	0.12	0.06	4.98	

	IN POUNDS								
AGC	+17781.55	+ 4445524.9	+ 3285885.8	+ 1373595.8	+ 16.45	- 36.64	- 18.90	+ 431.22	
ENV	+17697.15	+ 4445595.5	+ 3276796.6	+ 1394922.5	+ 16.57	- 37.04	- 19.13	+ 447.58	

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PIPTIME:	3.69790760000	05		P64: APPROUAC	TPIP:	3.69790760000	05
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	R AND RG					V AND VG		
1.7319859999	06	-3.26243749999	03	3.68749999999	02	-3.92470359802	00	-9.12809371948 -01
1.31499999999	02	-5.12499999999	00	-4.62874999999	02	-3.91540527343	00	3.15475463667 -01

	LANO			TTF		CG		AFC
1.73605724999	06	-3.38762499999	03	8.30599999999	02	-6.44478759765	01	0.99 -0.00 0.00
						0.00 0.59 0.06		1.82365258254 00
	TRANSIENT	0.438				-0.00 -0.06 0.99		

	UNFC					UNWC		
9.67315306355	-C1	7.46995638930	-03	-2.53466561585	-01	-2.73700865124	-01	-5.22497637258 -02
								9.60354605680 -01

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THRITTLE:	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369792.27	8065.66	- 8	1173	1.8495	1.8236	1184	1173	- 10	0	- 10

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DISPLAYS:	TIME	MODE	VERBNOUN	H	HDOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
	369792.57	64	6 64	431	- 128	- 1 4	3	443	30 32	576	- 1

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ATTITUDE:	COUTIME	CDUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
	369792.76	2.4389	15.3369	0.2416	0.0423	- 0.2307	- 0.0333	
	369792.76	3.0541	15.6115	0.3405	0.0878	- 0.2966	0.0000	OESIREO

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	TIME	MASS	RN			VN			ALTITUDE
ACC	369792.759	+ 8055.81	+ 1355005.9	+ 1001517.9	+ 418661.9	+ 4.67	- 10.33	- 5.36	+ 123.74
ENV	369792.759	+ 8017.32	+ 1355027.2	+ 998745.8	+ 425161.1	+ 4.70	- 10.45	- 5.44	+ 128.76
ERR	0.000	38.48	21.2	2772.1	6499.1	0.03	0.11	0.07	5.01

	IN POUNDS	ANO FEET							
ACC	+17759.84	+ 4445557.7	+ 3285820.2	+ 1373562.9	+ 15.32	- 33.90	- 17.61	+ 406.00	
ENV	+17674.99	+ 4445627.5	+ 3276725.3	+ 1394885.5	+ 15.43	- 34.28	- 17.86	+ 422.47	

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PIPTIME: 3.6979276000 05

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P64: APPRQUAO
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TPIP: 3.6979276000 05

	R AND RG				V ANO VG
1.73618131249	06 -3.36424999999	03 3.93624999999	02 -3.61919403076	00 -8.78000259399	-01 1.19836330413
1.23874959999	02 -4.37499999999	00 -4.28874999999	02 -3.61061096191	00 2.79998779296	-01 1.66225433349

	LANO				TTF	CG	AFC
1.73605724999	06 -3.38774999999	03 8.21874999999	02 -6.24478759765	01 0.99	-0.00	0.00	1.81160168722
					0.00	0.99	0.06
					-0.00	-0.06	0.99

	UNFC				UNWC
9.69401522041	-01 7.36558543070	-03 -2.45370000641	-01 -2.77853723354	-01 -5.26164124629	-02 9.59181328820

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THRCTL:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFSET	REG55
	369794.27	8055.81	- 4	1164	1.8345	1.8116	1171	1164	- 7	0	- 7

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DISPLAYS:	TIME	MODE	VERBNOUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	OELTAH
	369794.57	64	6 64	406	- 118	- 1 2	2	411	28 31	545	- 0

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ALTITUDE:	COUTIME	CDUX	COUY	CDUZ	OMEGAX	OMFGAY	OMEGAZ	ACTUAL
	369794.76	2.5158	14.9414	0.1757	0.0431	- 0.1615	0.0015	
	369794.76	3.0541	15.1721	0.3405	0.0998	- 0.2966	0.0000	DESIREO

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	TIME	MASS	RN			VN			ALTITUDE
ACC	369794.759	+ 8045.97	+ 1355013.9	+ 1001457.9	+ 418651.9	+ 4.32	- 9.53	- 4.99	+ 116.74
ENV	369794.759	+ 8007.35	+ 1355036.3	+ 998725.7	+ 425150.6	+ 4.36	- 9.64	- 5.07	+ 121.71
ERR	0.000	38.62	22.3	2772.2	6498.6	0.03	0.10	0.08	4.96

	IN POUNDS								
AGC	+17738.16	+ 4445583.9	+ 3285754.5	+ 1373530.1	+ 14.20	- 31.28	- 16.37	+ 383.03	
ENV	AND FEET	+17653.01	+ 4445657.3	+ 3276659.4	+ 1394851.0	+ 14.32	- 31.64	- 16.65	+ 395.32

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PIPTIME:			PIPTIME:		
3.6979476000	05		3.6979476000	05	
		P64: APPROX			

R AND RG				V AND VG							
1.73617424999	06	-3.36599999999	03	4.16687499999	02	-3.33223342855	00	-8.43763351440	-01	1.10810756683	01
1.16749959999	02	-3.74995999999	00	-3.96624999999	02	-3.32450866699	00	2.51007080078	-01	1.57196044921	01

LANO				TTF				CG				AFC				
1.73605737499	06	-3.38787499999	03	8.12749999999	02	-6.04292675781	01	0.99	-0.00	0.00	1.80039787665	00				
								0.00	0.99	0.06						
								-0.00	-0.06	0.99						

UNFC				UNWC							
9.71418401977	-01	7.17347726431	-03	-2.37265314621	-01	-2.82597898315	-01	-5.28574038750	-02	9.57781041116	-01

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THROTTLE:	TIME	MASS	WEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369796.28	8045.97	- 8	1155	1.8245	1.8003	1167	1155	- 11	C	- 11

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DISPLAYS:	TIME	MODE	VERBNOUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
	369796.57	64	6 64	383	- 108	- 1 0	2	380	26 31	515	- 0

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ATTITUDE:	COUTIME	COUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRE0
	369796.76	2.6037	14.6228	0.1977	0.0443	- 0.1895	C.0481		
	369796.76	3.0541	14.7326	0.3405	0.1098	- 0.2966	- 0.0109		

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	TIME	MASS	RN				VN				ALTITUDE
AGC	369796.759	+ 8036.15	+ 1355021.9	+ 1001477.9	+ 418641.9	+ 3.99	- 8.74	- 4.67	+ 110.24		
ENV	369796.759	+ 7997.44	+ 1355044.7	+ 998707.2	+ 425140.8	+ 4.03	- 8.86	- 4.72	+ 115.22		
ERR	0.000	38.70	22.7	2770.7	6498.8	0.03	0.12	0.04	4.97		
AGC	IN POUNDS	+17716.50	+ 4445610.2	+ 3285688.9	+ 1373497.3	+ 13.11	- 28.68	- 15.34	+ 361.71		
ENV	ANO FEET	+17631.17	+ 4445684.8	+ 3276598.6	+ 1394818.9	+ 13.23	- 29.08	- 15.49	+ 378.02		

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PIPTIME: 3.69796760000 05

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P64: APPRQAO  
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TPIP: 3.69796760000 05

		R ANO RG				V ANO VG					
1.73616774999	06	-3.36768749999	03	4.37999999999	02	-3.05852890014	00	-8.67271423339	-01	1.02094173431	01
1.10249999999	02	-3.24999999999	00	-3.66124999999	02	-3.05099487304	00	1.68991088867	-01	1.48513793945	01

		LAND				TTF				CG				AFC			
1.73605737499	06	-3.38799999999	03	8.03624999999	02	-5.84098046874	01	0.99	-0.00	0.00	1.78904039785	00	0.00	0.99	0.05		
		TRANSIENT 0.503								-0.00 -0.05 0.99							

		UNFC				UNWC					
9.73341812319	-01	9.92077142964	-03	-2.29144702500	-01	-2.88588371390	-01	-5.31031901670	-02	9.55979499305	-01

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFSET	PEG55
	369798.27	8036.15	- 6	1147	1.8145	1.7890	1155	1147	- 8	0	- 8

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DISPLAYS:	TIME	MODE	VERBNOU	H	FOCT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
	369798.57	64	6 64	362	- 99	- 0 58	2	350	24 31	487	- 1

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ATTITUDE:	COUTIME	CDUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRED
	369798.76	2.7026	14.1943	0.2307	0.0430	- 0.2244	- 0.0058		
	369798.76	3.0541	14.2932	0.3405	0.0714	- 0.3186	0.0769		

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369798.759	+ 8026.83	+ 1355029.9	+ 1001461.9	+ 418631.9	+ 3.65	- 7.99	- 4.32	+ 104.24	
ENV	369798.759	+ 7987.63	+ 1355052.4	+ 998690.2	+ 425131.7	+ 3.70	- 8.12	- 4.38	+ 109.25	
ERR	0.000	39.19	22.4	2771.7	6499.7	0.04	0.12	0.06	5.00	

	IN POUNDS	AND FOOT								
AGC	+17695.94	+ 4445636.4	+ 3285636.4	+ 1373464.5	+ 11.98	- 26.22	- 14.17	+ 342.02		
ENV	+17609.53	+ 4445710.2	+ 3276542.9	+ 1394789.0	+ 12.14	- 26.65	- 14.38	+ 358.45		

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PIPTIME: 3.6979876000 05 P64: APPRQUAO TPIP: 3.6979876000 05

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P64: APPRQUAO  
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R AND RG				V AND VG							
1.73616174999	06	-3.36937499999	03	4.57562499999	02	-2.81047821044	00	-8.34131240844	-01	9.34615135192	00
1.04249999999	02	-1.12499999999	00	-3.37499999999	02	-2.80380249023	00	6.56127929687	-02	1.39881134033	01

LANO				TTF				CG			AFG	
1.73605737499	06	-3.38812499999	03	7.94499999999	02	-5.64709716796	01	0.99	-0.00	0.00	1.77864916622	00
								0.00	0.59	0.05		
								-0.00	-0.05	0.99		

UNFC				UNWC							
9.75446665337	-01	9.76928486383	-03	-2.20019008621	-01	-2.95422288783	-01	-5.25806914595	-02	9.53896596523	-01

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	TIME	MASS	FWEIGHT	FCOLD	AF	AFG	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369800.27	8026.83	- 4	1139	1.7995	1.7786	1146	1139	- 7	0	- 7

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	TIME	MOOE	VERBNOUN	H	HDOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	OELTAH
DISPLAYS:	369800.57	64	6 64	342	- 91	- 0 56	2	321	22 31	458	- 1

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	CDUTIME	CDUX	CDUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369800.76	2.7905	13.7438	0.2856	0.0452	- 0.2144	0.0807	
	369800.76	3.0541	13.8317	0.3405	0.0714	- 0.3625	0.0769	DESIRED

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369800.759	+ 8017.52	+ 1355037.9	+ 1001445.9	+ 418623.9	+ 3.33	- 7.28	- 3.98	+ 98.81
ENV	369800.759	+ 7977.88	+ 1355059.5	+ 998674.7	+ 425123.2	+ 3.37	- 7.41	- 4.05	+ 103.78
ERR	0.000	39.63	21.5	2771.2	6499.2	0.04	0.12	0.07	4.96

	IN POUNDS	ANO	FOOTS							
AGC	+17675.42	+ 4445662.7	+ 3285583.9	+ 1373438.3	+ 10.93	- 23.89	- 13.05	+ 324.18		
ENV	+17588.05	+ 4445733.4	+ 3276492.0	+ 1394761.3	+ 11.08	- 24.31	- 13.30	+ 340.49		

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PIPTIME: 3.69800760000 05

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P64: APPRQUAD  
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TPIP: 3.69800760000 05

	R AND PG	V ANO VG					
1.73615631249	06 -3.37099999999 03 4.75437499999 02 -2.56657600402 00 -7.99894332885 -01 8.53157043457 00						
9.88749999999	01 -4.99999999999 -01 -3.10499999999 02 -2.56042480468 00 3.31878662109 -02 1.31729125976 01						

	LANO	TTF	CG	AFC
1.73605737499	06 -3.38824999999 03 7.85374999999 02 -5.45136816406 01 0.99 -0.00 0.00 1.76740577444 00			
	TRANSIENT 0.478		0.00 0.99 0.05	
			-0.00 -0.05 0.99	

	UNFC	UNWC
9.77250379355	-01 9.56006665038 -03 -2.11873313974 -01 -3.03600984982 -01 -5.28585550854 -02 9.51331916352 -01	

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	TIME	MASS	FWEIGHT	FCOLD	AF	DFC	FP	FC	PIF	PIFSET	REG55
THROTTLE:	369802.27	8017.52	- 8	1130	1.7895	1.7674	1140	1130	- 10	0	- 10

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	TIME	MODE	VERBNOUN	H	HDOT	TTF	RANGE	ARVEL	TTF LPO	VHORIZ	DELTAH
DISPLAYS:	369802.57	64	6 64	324	- 93	- 0 54	2	293	20 31	432	- 0

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	COUTIME	CDUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRED
ATTITUDE:	369802.76	2.8784	13.2165	0.2966	0.0433	- 0.3087	- 0.0022		
	369802.76	3.0541	13.1945	0.3405	0.0714	- 0.2856	0.0549		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369802.759	+ 8008.21	+ 1355043.9	+ 1001431.9	+ 418615.9	+ 3.02	- 6.60	- 3.68	+ 93.81
ENV	369802.759	+ 7968.20	+ 1355066.0	+ 998660.6	+ 425115.4	+ 3.06	- 6.73	- 3.73	+ 98.76
ERR	0.000	40.01	22.0	2771.3	6495.4	0.04	0.13	0.05	4.95
AGC	IN POUNDS	+17654.92	+ 4445682.4	+ 3285538.0	+ 1373412.0	+ 9.92	- 21.66	- 12.07	+ 307.78
ENV	AND FOOT5	+17566.70	+ 4445754.6	+ 3276445.6	+ 1394735.8	+ 10.06	- 22.09	- 12.25	+ 324.04

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PIPTIME: 3.6980276000 05

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P64: APPROUAD

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TPIP: 3.6980276000 05

R AND R5				V AND VG							
1.73615131249	06	-3.37256249999	03	4.91749999999	02	-2.34308242797	00	-7.92074203491	-01	7.75895118713	00
9.38749999999	01	-2.49999999999	-01	-2.84999999999	02	-2.33764648437	00	-1.25885009765	-02	1.24011993408	01

LAND				TTF		CG		AFC				
1.73605737499	06	-3.38837499999	03	7.76249999999	02	-5.25136816406	01	0.99	-0.00	0.00	1.75733119249	00
								0.00	0.99	0.05		
								-0.00	-0.05	0.99		

UNFC				UNWC							
9.78913510403	-01	1.10669707673	-02	-2.03975148751	-01	-3.13005032951	-01	-5.26151205936	-02	9.48292939144	-01

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	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369804.26	8008.21	- 4	1122	1.7795	1.7573	1129	1122	- 6	0	- 6

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	TIME	MODE	VERBNOU	H	FOCT	TTF	RANGE	ARVEL	TTF LPD	VHORIZ	DELTAH
DISPLAYS:	369804.56	64	6 64	308	- 76	- 0 52	2	267	18 31	406	- 0

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	CDUTIME	CDUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRED
ATTITUDE:	369804.76	2.9663	12.6892	0.3295	0.0436	- 0.1460	0.0135		
	369804.76	3.0541	12.7551	0.3405	0.0329	- 0.3076	0.0878		

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369804.759	+ 7998.92	+ 1355049.9	+ 1001419.9	+ 418609.9	+ 2.71	- 5.95	- 3.36	+ 89.18	
ENV	369804.759	+ 7958.60	+ 1355071.8	+ 998647.7	+ 425108.3	+ 2.76	- 6.09	- 3.43	+ 94.19	
ERR	0.000	40.32	21.8	2772.2	6498.3	0.04	0.13	0.06	5.00	

	IN POUNOS	+17634.43	+ 4445702.0	+ 3285498.6	+ 1373392.3	+ 8.92	- 19.54	- 11.05	+ 292.60
AGC	ANO FOOT5	+17545.53	+ 4445773.7	+ 3276403.5	+ 1394712.3	+ 9.08	- 19.98	- 11.26	+ 309.02

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PIPTIME:	3.6980476000	05		P64: APPRQUAO	TP IP:	3.6980476000	05
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	R AND RG	V ANO VG
1.73614668749	06 -3.37412499999 03 5.06499999999 02 -2.13184356689 00 -7.58171081542 -01 7.00769424438 00	
8.92499999999	01 7.49999999999 -01 -2.61124999999 02 -2.12669372558 00 -6.94274902343 -02 1.16485595703 01	

	LANO	TTF	CG	AFC
1.73605737499	06 -3.38849999999 03 7.67124999999 02 -5.05842431640 01 0.99 -0.00 0.00 1.74753833562 00		0.00 0.99 0.05	
	TRANSIENT 0.461		-0.00 -0.05 0.99	

	UNFC	UNWC
9.80524725246	-01 1.09957545162 -02 -1.96087624704 -01 -3.23735685988 -01 -5.20027911882 -02 9.44717373252 -01	

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THRITTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFSET	REC55
	369806.27	7998.92	- 8	1115	1.7696	1.7475	1125	1115	- 10	0	- 10

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OISPLAYS:	TIME	MOOE	VERBNOUN	H	HDOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	OELTAH
	369806.57	64	6 64	293	- 69	- 0 50	1	241	16 32	382	- 0

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ATTITUOE:	COUTIME	COUX	CDUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIREO
	369806.76	3.0541	12.3706	0.3625	0.0445	- 0.2352	0.0464		
	369806.76	3.0541	12.3156	0.3405	0.0219	- 0.3076	0.0878		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369806.759	+ 7989.65	+ 1355053.9	+ 1001407.9	+ 418601.9	+ 2.41	- 5.35	- 3.07	+ 84.93
ENV	369806.759	+ 7949.05	+ 1355077.0	+ 998636.2	+ 425101.7	+ 2.47	- 5.47	- 3.14	+ 90.02
ERR	0.000	40.59	23.0	2771.7	6499.7	0.05	0.12	0.06	5.08
AGC	IN POUNDS	+17613.98	+ 4445715.2	+ 3285455.3	+ 1373366.1	+ 7.93	- 17.55	- 10.08	+ 278.66
ENV	AND FEET	+17524.48	+ 4445760.9	+ 3276365.5	+ 1394690.7	+ 8.11	- 17.97	- 10.30	+ 295.34

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PIPTIME: 3.69806760000 05

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P64: APPRQUAO  
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TPIP: 3.69806760000 05

R AND RG				V AND VG							
1.73614243749	06	-3.37562499999	03	5.19812499999	02	-1.94644927978	00	-7.23981857299	-01	6.29487037658	00
8.49999999999	01	8.74999999999	-01	-2.38499999999	02	-1.94168090820	00	-8.96453857421	-02	1.09348297119	01

LAND				TTF		CG		AFC				
1.73605737499	06	-3.38862499999	03	7.57599999999	02	-4.85842431640	01	0.99	-0.00	0.00	1.73928448930	00
								0.00	0.99	0.04		
								-0.00	-0.04	0.99		

UNFC				UNWC							
9.82015886198	-01	1.12728290836	-02	-1.88461461787	-01	-3.35847577753	-01	-5.12744393516	-02	9.40519716107	-01

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	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369808.28	7989.65	0	1108	1.7546	1.7392	1110	1108	- 2	0	- 2

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	TIME	MODE	VERBNCUN	H	HDOT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
DISPLAYS:	369808.57	64	6 64	275	- 63	- 0 48	1	217	14 32	358	- 1

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	COUTIME	COUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIREO
ATTITUDE:	369808.76	3.1530	11.7993	0.3186	0.0429	- 0.2707	- 0.0219		
	369808.76	3.0541	11.8762	0.3405	- 0.0164	- 0.3186	0.0988		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369808.759	+ .7980.38	+ 1355057.9	+ 1001397.9	+ 418595.9	+ 2.13	- 4.77	- 2.78	+ 81.24
ENV	369808.759	+ 7939.58	+ 1355081.7	+ 998625.8	+ 425095.7	+ 2.18	- 4.89	- 2.86	+ 86.21
ERR	0.000	40.80	23.7	2772.1	6499.7	0.04	0.11	0.08	4.96

	IN PCUNOS	AND FEET	AND FEET	AND FEET	AND FEET	AND FEET	AND FEET	AND FEET	AND FEET
AGC	+17593.55	+ 4445728.3	+ 3285426.5	+ 1373346.4	+ 7.01	- 15.68	- 9.12	+ 266.56	
ENV	+17503.60	+ 4445806.2	+ 3276331.5	+ 1394671.0	+ 7.17	- 16.07	- 9.39	+ 282.86	

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PIPTIME: 3.6980876000 05

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P64: APPRQUAO  
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TPIP: 3.6980876000 05

	R AND RG	V AND VG		
1.73613874999	06 -3.3769999999 03	5.3174999999	02 -1.76362991333	00 -6.79731369018 -01
8.13749999999	01 1.12499999999 00	-2.17374999999	02 -1.75933837890	00 -1.00708007812 -01

	LANO	TTF	CG	AFC
1.73605737499	06 -3.38874999999 03	7.48874999999	02 -4.66102587890	01 0.99 -0.00 0.00
				0.00 0.99 0.04
	TRANSIENT 0.393			-0.00 -0.04 0.99

	UNFC	UNWC		
9.83288609793	-01 1.06592214750 -02	-1.81741274475	-01 -3.50474066820 -01	-5.05385801685 -02
				9.35207880848 -01

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THRCTL:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369809.99	7980.38	- R	1101	1.7496	1.7293	1114	1101	- 13	0	- 13

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OISPLAYS:	TIME	MOOE	VERBNOUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	OELTAH
	369810.30	64	6 64	267	- 57	- 0 46	1	194	12 32	336	- 1

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ATTITUDE:	COUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIREO
	369810.76	3.2409	11.3488	0.3405	0.0444	- 0.1924	0.0415		
	369810.76	3.0541	11.4367	0.3405	- 0.0219	- 0.3186	0.0659		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369810.759	+ 7971.12	+ 1355061.9	+ 1001389.9	+ 418591.9	+ 1.86	- 4.22	- 2.50	+ 77.87
ENV	369810.759	+ 7930.15	+ 1355085.8	+ 998616.6	+ 425090.2	+ 1.91	- 4.34	- 2.59	+ 82.77
ERR	0.000	40.96	23.8	2773.3	6498.2	0.05	0.12	0.09	4.89
AGC	IN PCUNDS	+17573.14	+ 4445741.4	+ 3285400.2	+ 1373333.3	+ 6.11	- 13.85	- 8.22	+ 255.49
ENV	AND FOOTS	+17482.82	+ 4445819.7	+ 3276301.2	+ 1394653.1	+ 6.29	- 14.25	- 8.52	+ 271.56

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PIPTIME:	3.69810760000	05		TPIP:	3.69810760000	05
			P64: APPROUAD			

	R AND RG		V AND VG
1.73613537499	06 -3.37831249999 03	5.42312499999 02	-1.59082412719 00
7.79999999999	01 1.12499999999 00	-1.97749999999 02	-1.58691406250 00
			-6.45494461059 -01
			4.96578216552 00
			9.60273742675 00

	LAND		TTF	CG	AFC
1.73605737499	06 -3.38887499999 03	7.39749999999 02	-4.46651269531 01	0.99 -0.00 0.00	1.71931926161 00
				0.00 0.99 0.04	
				-0.00 -0.04 0.99	

	UNFC		UNWC
9.84590215746	-01 1.04747529702 -02	-1.74563417146 -01	-3.66971516740 -01
			-4.96864295786 -02
			9.28904281730 -01

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLD	AF	ΔFC	FP	FC	PIF	PIFPSET	REG55
	369811.97	7971.12	- 2	1093	1.7396	1.7193	1C98	1093	- 5	0	- 5

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DISPLAYS:	TIME	MODE	VERNDOUN	H	HOOT	TTF	RANGE	ARVEL	TTF LPD	VHORIZ	DELTAH
	369812.29	64	6 64	255	- 51	- 0 44	1	172	10 33	315	- 1

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ATTITUDE:	CDUTIME	CDUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
	369812.76	3.3288	10.9054	0.3515	0.0428	- 0.2562	- 0.0267	
	369812.76	3.0541	10.9973	0.3405	- 0.0439	- 0.3076	0.0549	DESIRED

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369812.759	+ 7961.87	+ 1355065.9	+ 1001381.9	+ 418585.9	+ 1.59	- 3.71	- 2.24	+ 74.81	
ENV	369812.759	+ 7920.82	+ 1355089.4	+ 998608.4	+ 425085.3	+ 1.64	- 3.93	- 2.34	+ 79.64	
ERR	0.000	41.05	23.4	2773.5	6499.3	0.05	0.11	0.10	4.83	

	IN POUNOS	+17552.75	+ 4445754.5	+ 3285374.0	+ 1373313.6	+ 5.22	- 12.20	- 7.35	+ 245.44
AGC	ANO FOOTS	+17462.25	+ 4445831.3	+ 3276274.4	+ 1394636.9	+ 5.40	- 12.57	- 7.70	+ 261.29

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PIPTIME: 3.6981276000 05

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P64: APPROUAD  
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PIIP: 3.6981276000 05

	R ANO RG					V ANO VG					
1.73613231245	C6	-3.37956249999	03	5.51624999999	02	-1.44805908203	00	-6.01243972778	-01	4.35113506860	00
7.48749999999	01	1.12499999999	00	-1.79249999999	02	-1.44462585449	00	-1.02996826171	-01	8.98666381835	00

	LAND	TTF	CG	AF						
1.73605737499	06	-3.38899999999	03	7.30624999999	02	-4.26651269531	01	0.99 -0.00 0.00	1.71173363924	00
			TRANSIENT 0.379			-0.00 -0.04 0.99				

	UNFC	UNWC									
9.85726714791	-01	9.84378753833	-03	-1.68065295626	-01	-3.85662545418	-01	-4.84672461320	-02	9.21366011481	-01

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFSET	REG55
	369814.02	7961.87	- 4	1087	1.7246	1.7117	1093	1087	- 6	0	- 6

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OISPLAYS:	TIME	MODE	VERBNDUN	H	FOCT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
	369814.32	64	6 64	245	- 46	- 0 42	1	151	8 34	294	- 1

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ATTITUDE:	COUTIME	COUX	COUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIREO
	369814.76	3.4167	10.4479	0.2746	0.0436	- 0.2308	0.0073		
	369814.76	3.0541	10.5578	0.3405	- 0.0659	- 0.2636	0.0109		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369814.759	+ 7952.64	+ 1355069.9	+ 1001373.9	+ 418581.9	+ 1.33	- 2.23	- 1.99	+ 72.12
ENV	369814.759	+ 7911.54	+ 1355092.4	+ 998601.2	+ 425080.8	+ 1.38	- 3.34	- 2.11	+ 76.79
ERR	0.000	41.10	22.4	2772.7	6498.8	0.05	0.11	0.11	4.67

	IN POUNDS	AND FEET							
AGC	+17532.39	+ 4445767.7	+ 3285347.7	+ 1373300.5	+ 4.38	- 10.59	- 6.54	+ 236.63	
ENV	+17441.78	+ 4445841.3	+ 3276250.9	+ 1394622.2	+ 4.55	- 10.95	- 6.93	+ 251.95	

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PIPTIME: 3.6981476000 05

||||||| P64: APPROUAD |||||

TPIP: 3.6981476000 05

R AND RG				V AND VG							
1.73612956249	06	-3.38074999999	03	5.59749999999	02	-1.30529403686	00	-5.67007064819	-01	3.76644134521	00
7.21249999999	01	9.99999999999	-01	-1.61999999999	02	-1.30195617675	00	-1.00326538085	-01	8.40072631835	00

LAND				TTF				CG		AFC		
1.73605737499	06	-3.28912499999	03	7.21499999999	02	-4.06651269531	01	0.99	-0.00	0.00	1.70222250744	00
								0.00	0.99	0.04		
								-0.00	-0.04	0.99		

UNFC				UNWC							
9.86709717879	-01	9.69088313860	-03	-1.62203635675	-01	-4.07023448427	-01	-4.71238905498	-02	9.12201321731	-01

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	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369815.97	7952.64	- 4	1080	1.7196	1.7022	1087	1080	- 7	0	- 7

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	TIME	MODE	VERPNOUN	H	FCOT	TTF	RANGE	ARVEL	TTF LPO	VHORIZ	OELTAH
DISPLAYS:	369816.28	64	6 64	237	- 42	- 0 40	1	132	6 34	275	- 1

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	CDUTIME	CDUX	COUY	COUZ	OMEGAX	CMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369816.76	3.5046	10.0415	0.2307	0.0433	- 0.1866	- 0.0023	
	369816.76	3.0541	10.1733	0.3405	- 0.0933	- 0.1977	0.0109	DESIRED

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369816.759	+ 7543.90	+ 1355071.9	+ 1001367.9	+ 418577.9	+ 1.08	- 2.77	- 1.76	+ 69.62	
ENV	369816.759	+ 7502.30	+ 1355094.9	+ 998595.0	+ 425076.8	+ 1.13	- 2.87	- 1.89	+ 74.21	
ERR	0.000	41.59	22.9	2772.9	6498.8	0.05	0.09	0.12	4.59	

	IN POUNDS	AND FEET	+	+	+	+	-	-	-	+
AGC	+17513.12	+ 4445774.2	+ 3285328.0	+ 1373287.4	+ 3.56	- 9.10	- 5.78	+ 228.42		
ENV	+17421.43	+ 4445849.6	+ 3276230.5	+ 1394609.1	+ 3.73	- 9.43	- 6.20	+ 243.49		

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PIPTIME: 3.6981676000 05

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P64: APPROQUAD  
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TPIP: 3.6981676000 05

	R AND RG	V AND VG
1.73612706249 06	-3.38187499999 03	5.66749999999 02 -1.18250846862 00 -5.32770156860 -01 3.21168899536 00
6.96249999999 01	8.74995999999 -01	-1.45749999999 02 -1.17988586425 00 -1.04141235351 -01 7.84492492675 00

	LANO	TTF	CG	AFC
1.73605737499 06	-3.38924999999 03	7.12374999999 02 -3.86326904296 01	0.99 -0.00 0.00	1.69398728758 00
	TRANSIENT 0.295		0.00 0.99 0.04	
			-0.00 -0.04 0.99	

	UNFC	UNWC
9.87529342600 -01	9.96065061375 -03	-1.57125930386 -01 -4.31202304246 -01 -4.55375026851 -02 9.01105381551 -01

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFSET	REG55
	369817.98	7943.90	- 4	1073	1.7096	1.6939	1079	1073	- 6	0	- 6

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OISPLAYS:	TIME	MODE	VERBNOUN	H	HDOT	TTF	RANGE	ARVEL	TTF LPO	VHORIZ	DELTAH
	369818.29	64	6 64	229	- 38	- 0 38	1	113	4 36	257	- 1

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ATTITUDE:	COUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRED
	369818.76	3.5925	9.7668	C.2307	0.0434	- 0.1071	0.0029		
	369818.76	2.9992	9.9536	0.3405	- 0.1428	- 0.2087	0.0219		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369818.759	+ 7935.17	+ 1355073.9	+ 1001363.9	+ 418575.9	+ 0.84	- 2.33	- 1.54	+ 67.37
ENV	369818.759	+ 7893.13	+ 1355097.0	+ 998589.7	+ 425073.3	+ 0.89	- 2.43	- 1.68	+ 71.87
ERR	0.000	42.04	23.0	2774.2	6497.3	0.04	0.10	0.13	4.50
AGC	IN PCUNDS	+17493.88	+ 4445780.8	+ 3285314.9	+ 1373280.8	+ 2.77	- 7.64	- 5.07	+ 221.04
ENV	AND FOOTS	+17401.20	+ 4445856.3	+ 3276213.1	+ 1394597.4	+ 2.92	- 7.98	- 5.51	+ 235.81

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PIPTIME: 3.6981876000 05      |||||  
 P64: APPRQUAO      TPIP: 3.6981876000 05  
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R AND RG				V AND VG							
1.73612481249	06	-3.38293749999	03	5.72624999999	02	-1.05977058410	00	-5.08451461791	-01	2.67696380615	00
6.73749999999	01	8.74999999999	-01	-1.30874999999	02	-1.05743408203	00	-1.18637084960	-01	7.30934143066	00

LANO				TTF		CG		AFC			
1.73605737499	06	-3.38937499999	03	7.03249599999	02	-3.66671630855	C1	0.99 -0.00	0.00	1.68392201885	00
TRANSIENT 0.301								0.00 0.99	0.03		
								-0.00 -0.03	0.99		

UNFC				UNWC							
9.88326304844	-01	1.06589907792	-02	-1.51978621132	-01	-4.58273122899	-01	-4.37031907293	-02	8.87736321183	-01

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	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369819.98	7935.17	- 6	1066	1.7046	1.6839	1075	1066	- 9	0	- 9

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	TIME	MODE	VERRANGUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTA
DISPLAYS:	369820.29	64	6 64	221	- 24	- 0 36	1	95	2 37	239	- 1

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	COUTIME	COJX	CDUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369820.76	3.6804	9.5471	0.2416	0.0441	- 0.1258	0.0291	
	369820.76	2.8344	9.6789	0.3405	- 0.0933	- 0.2197	0.0659	DESIRED

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369820.759	+ 7926.45	+ 1355075.9	+ 1001359.9	+ 418571.9	+ 0.59	- 1.91	- 1.33	+ 65.37	
ENV	369820.759	+ 7884.01	+ 1355098.5	+ 998585.3	+ 425070.1	+ 0.64	- 2.01	- 1.48	+ 69.74	
ERR	0.000	42.43	22.5	2774.6	6498.1	0.05	0.09	0.14	4.37	

	IN POUNDS	AND FOOTS	+17474.66	+ 4445787.4	+ 3285301.8	+ 1373267.7	+ 1.94	- 6.28	- 4.37	+ 214.48
AGC										
ENV			+17381.10	+ 4445861.3	+ 3276198.5	+ 1394587.0	+ 2.11	- 6.60	- 4.85	+ 228.83

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PIPTIME:	3.6982076000	05		P64: APPRQUAD		TPIP:	3.6982076000	05
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	R AND RG					V ANO VG					
1.73612281249	06	-3.38393749999	03	5.77437499999	02	-9.67073440551	-01	-4.74214553833	-01	2.15225219726	00
6.54599999999	01	9.99999999999	-01	-1.16749999999	02	-9.64736938476	-01	-1.31607055664	-01	6.78291320800	00

	LANO	TTF	CG	AFG								
1.73605737499	06	-3.38949999999	03	6.94124999999	02	-3.46671630859	01	0.99	-0.00	0.00	1.67456222698	00
								0.00	0.99	0.03		
								-0.00	-0.03	0.99		

	UNFC	UNWC									
9.89087956750	-01	1.05656252269	-02	-1.46946865819	-01	-4.88713775354	-01	-4.15095387510	-02	8.71456140015	-01

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLD	AF	AFG	FP	FC	PIF	PIFPSET	REG55
	369821.87	7926.45	0	1059	1.6896	1.6745	1062	1059	- 3	0	- 3

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DISPLAYS:	TIME	MODE	VERBNOU	H	HOOT	TTF	RANGE	ARVEL	TTF LPO	VHORIZ	OELTAH
	369822.17	64	6 64	214	- 31	- 0 34	1	78	0 39	222	- 1

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ATTITUDE:	CDUTIME	COUX	CDUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIREO
	369822.76	3.7792	5.1516	0.3076	0.0411	- 0.2408	0.0443		
	369822.76	2.7685	9.3054	0.3405	- 0.1483	- 0.1538	0.0549		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369822.759	+ 7917.74	+ 1355075.9	+ 1001355.9	+ 418569.9	+ 0.33	- 1.53	- 1.13	+ 63.49
ENV	369822.759	+ 7874.96	+ 1355099.5	+ 998581.6	+ 425067.3	+ 0.39	- 1.62	- 1.29	+ 67.78
ERR	0.000	42.78	23.5	2774.3	6497.3	0.05	0.09	0.15	4.28
AGC	IN POUNDS	+17455.46	+ 4445787.4	+ 3285288.7	+ 1373261.1	+ 1.11	- 5.02	- 3.71	+ 208.33
ENV	AND FOOTS	+17361.14	+ 4445864.7	+ 3276186.6	+ 1394577.9	+ 1.29	- 5.32	- 4.23	+ 222.40

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PIPTIME: 3.6982276000 05

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P64: APPROUAD  
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TPIP: 3.6982276000 05

R ANO RG				V ANO VG							
1.73612093749	06	-3.38487499999	03	5.81249999999	02	-8.94308090209	-01	-4.39929962158	-01	1.65748596191	00
6.36249999999	01	8.74999999999	-01	-1.03874999999	02	-8.92639160156	-01	-1.32369995117	-01	6.28700256347	00

LANO				TTF				CG				AFC			
1.73605737499	06	-3.38962499999	03	6.84999999999	02	-3.27063720703	01	0.99	-0.00	0.00	1.66783109307	00	0.00	0.99	0.03
TRANSIENT 0.273								-0.00	-0.03	0.99					

UNFC				UNWC							
9.89776607098	-01	1.07436770801	-02	-1.42221100558	-01	-5.22036782108	-01	-3.89452136324	-02	8.52033372856	-01

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	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369823.88	7917.74	- 4	1053	1.6796	1.6678	1061	1053	- 7	0	- 7

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	TIME	MODE	VERBNCUN	H	HDGT	TTF	RANGE	ARVEL	TTF LPO	VHORIZ	DELTAH
DISPLAYS:	369824.18	64	6 64	208	- 28	- 0 32	1	63	0 41	206	- 1

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	COUTIME	CDUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRED
ATTITUDE:	369824.76	3.5046	8.7780	0.2746	- 0.1391	- 0.1489	- 0.0296		
	369824.76	2.5488	9.0856	0.3405	- 0.1208	- 0.1647	0.0659		

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369824.759	+ 7909.04	+ 1355075.9	+ 1001351.9	+ 418567.9	+ 0.10	- 1.15	- 0.93	+ 61.81	
ENV	369824.759	+ 7865.93	+ 1355100.1	+ 998578.8	+ 425064.9	+ 0.15	- 1.25	- 1.10	+ 65.98	
ERR	0.000	43.10	24.1	2772.1	6496.9	0.04	0.09	0.16	4.17	

	IN PCUNOS	ANO FOOT\$	+ 4445787.4	+ 3285275.5	+ 1373254.5	+ 0.34	- 3.79	- 3.06	+ 202.79
AGC	17436.28								
ENV	17341.24		+ 4445866.5	+ 3276177.2	+ 1394570.1	+ 0.51	- 4.10	- 3.61	+ 216.48

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PIPTIME: 3.6982476000 05

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P64: APPRQUAO

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TPIP: 3.6982476000 05

	R ANO RG	V ANO VG
1.73611924999	06 -3.38574999999 03 5.84062499999 02 -8.11624526577 -01 -4.0556786767 -01 1.18274688720 00	
6.18745999999	01 7.49999999999 -01 -9.19999999999 01 -8.09860229492 -01 -1.27792358398 -01 5.81092834472 00	

	LANO	TTF	CG	AFc
1.73605737499	06 -3.38974999999 03 6.75874999999 02 -3.07C637207C3 01 0.99 -0.00 0.00 1.65741192176 00		0.00 0.99 0.03	
	TRANSIENT 0.277		-0.00 -0.03 0.99	

	UNFC	UNWC
9.90455309092 -01	1.06763552399 -02 -1.37420144557 -01 -5.58531065747 -01 -3.60145714525 -02 8.28701393288 -01	

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THROTTLE:	TIME	MASS	FWEIGHT	FCCL0	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369825.87	7909.04	- 6	1046	1.6796	1.6574	1056	1046	- 10	0	- 10

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OISPLAYS:	TIME	MOOE	VFRBNOUN	H	HOOT	TF	RANGE	ABVEL	TF LPO	VHORIZ	DELTAH
	369826.17	64	6 64	203	- 26	- 0 30	1	48	0 43	190	- 1

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ATTITUDE:	COUTIME	CDUX	COUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRE0
	369826.76	3.2299	8.5693	0.3076	- 0.1372	- C.677	0.0490		
	369826.76	2.3950	8.8659	0.3405	- 0.0878	- 0.1647	0.0659		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369826.759	+ 7900.35	+ 1355075.9	+ 1001349.9	+ 418565.9	- 0.13	- 0.81	- 0.74	+ 59.81
ENV	369826.759	+ 7856.99	+ 1355100.1	+ 998576.6	+ 425062.9	- 0.08	- 0.90	- 0.92	+ 64.30
ERR	0.000	43.36	24.1	2773.3	6496.9	0.05	0.08	0.18	4.49

	IN POUNDS AND FOOT								
AGC	+17417.11	+ 4445787.4	+ 3285269.0	+ 1373248.0	- 0.44	- 2.66	- 2.45	+ 196.23	
ENV	+17321.52	+ 4445866.7	+ 3276170.1	+ 1394563.4	- 0.27	- 2.96	- 3.05	+ 210.98	

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PIPTIME: 3.69826760000 05

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P64: APPRQUAD  
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TPIP: 3.69826760000 05

	R AND RG	V AND VG		
1.73611724999	06 -3.38649999999 03 5.85999999999 02 -7.58886337280 -01 -3.71265411376 -01 7.27891921997 -01			
5.98749999999	01 7.49999999999 -01 -8.07499999999 01 -7.57598876953 -01 -1.23977661132 -01 5.35469055175 00			

	LAND	TTF	CG	AFC
1.73605737499	06 -3.38987499999 03 6.66749999999 02 -2.86612304687 01 0.99 -0.00 0.00 1.65340024977 00			
	TRANSIENT 0.212		0.00 0.99 0.03	
			-0.00 -0.03 0.99	

	UNFC	UNWC
9.90957040579	-01 9.98126143565 -03 -1.33807765643 -01 -5.95279760581 -01 -3.34509135355 -02 8.02821924853 -01	

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	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369827.89	7900.35	0	1042	1.66646	1.6534	1043	1042	- 1	C	- 1

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	TIME	MODE	VERBNOUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
DISPLAYS:	369828.20	64	6 64	196	- 24	- 0 28	1	36	0 45	175	- 4

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	CDUTIME	CDUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRED
ATTITUDE:	369828.76	2.9553	8.4265	0.3076	- 0.1384	- 0.0782	- 0.0022		
	369828.76	2.3291	8.6462	0.3405	- 0.1428	- 0.1318	0.0439		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369830.759	+ 7882.99	+ 1355073.9	+ 1001347.9	+ 418563.9	- 0.62	- 0.17	- 0.39	+ 56.56
ENV	369830.759	+ 7839.23	+ 1355098.8	+ 998574.3	+ 425059.8	- 0.57	- 0.25	- 0.60	+ 61.19
ERR	0.000	43.76	24.8	2773.6	6495.8	0.05	0.07	0.20	4.63

AGC	IN POUNOS	+17378.86	+ 4445780.8	+ 3285262.4	+ 1373241.4	- 2.06	- 0.58	- 1.28	+ 185.57
ENV	ANO FOOT5	+17292.37	+ 4445862.4	+ 3276162.6	+ 1394553.4	- 1.88	- 0.83	- 1.97	+ 200.77

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PIPTIME: 3.69830760000 05

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P64: APPRQUAC  
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TPIP: 3.69830760000 05

	R AND RG	V ANO VG							
1.73611399999	C6 -3.38781249999 03	5.87124999999	02	-6.90603256225	-01	-2.92730331420	-01	-1.45053863525	-01
5.66249999999	01 3.74999999999 -01	-6.13749999999	01	-6.89697265625	-01	-7.40051269531	-02	4.47959899902	00

	LAND	TTF	CG	AFC				
1.73605737499	06 -3.39012499999 03	6.48499999999	02	-2.47142626953	01	0.99 -0.00 0.00	1.64214521646	00
	TRANSIENT 0.259					0.00 0.99 0.03		
						-0.00 -0.03 0.99		

	UNFC	UNWC
9.92058061592	-01 7.30473010858 -03	-1.25568480707 -01
		-6.77819020719 -01
		-2.75913362180 -02
		7.34710890974 -01

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	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369831.89	7882.99	- 2	1032	1.6546	1.6421	1038	1032	- 6	0	- 6

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	TIME	MODE	VERBNOUN	H	FOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	OELTAH
DISPLAYS:	369832.20	64	6 64	186	- 22	- 0 24	0	25	0 51	146	- 2

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	CDUTIME	CDUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIREO
ATTITUDE:	369832.76	2.4060	8.1628	0.2526	- 0.1392	- 0.0463	- 0.0330		
	369832.76	2.1643	8.4155	0.3405	- 0.1098	- 0.2087	- 0.0329		

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	TIME	MASS	RN				VN			ALTITUDE
ACC	369832.759	+ 7874.33	+ 1355071.9	+ 1001347.9	+ 418563.9	- 0.86	+ 0.13	- 0.22	+ 55.18	
ENV	369832.759	+ 7830.39	+ 1355097.4	+ 998574.1	+ 425058.8	- 0.81	+ 0.05	- 0.44	+ 59.74	
ERR	0.000	43.94	25.4	2773.8	6494.8	0.05	0.07	0.22	4.55	

	IN POUNDS								
AGC	+17359.76	+ 4445774.2	+ 3285262.4	+ 1373241.4	- 2.85	+ 0.43	- 0.72	+ 181.06	
ENV	AND FOOTS	+17262.89	+ 4445857.8	+ 3276161.9	+ 1394550.0	- 2.68	+ 0.18	- 1.46	+ 196.00

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PIPTIME: 3.6983276000 05 P64: APRROUAD TP1P: 3.6983276000 05

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P64: APRROUAD  
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		R AND RG			V AND VG			
1.73611262499	06	-3.38837499999	03	5.86437499999	02	-6.57892227172	-01	-2.58398056030
5.52499999999	01	2.49999999999	-01	-5.29999999999	01	-6.57272338867	-01	-5.34057617187

		LANO		TTF		CG		AFC
1.73605737499	06	-3.39024999999	03	6.39374999999	02	-2.27142626953	01	0.99 -0.00 0.00
		TRANSIENT	0.317			0.00 0.99 0.03		1.63061544299
						-0.00 -0.03 0.99		00

		UNFC		UNWC				
9.92727769471	-01	5.95136050600	-03	-1.20233759934	-01	-7.21872056478	-01	-2.44164402664
								-02
								6.91595670547
								-01

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	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	P1F	P1FSET	REG55
THROTTLE:	369833.77	7874.33	- 6	1024	1.6546	1.6306	1037	1024	- 13	0	- 13

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	TIME	MODE	VERBNOUD	H	FDDT	TTF	RANGE	ARVEL	TTF LPO	VHORIZ	DELTAH
DISPLAYS:	369834.08	64	6 64	181	- 21	- 0 22	0	29	0 54	133	- 2

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	COUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRED
ATTITUDE:	369834.76	2.1203	7.9321	0.1428	- 0.1394	- 0.2097	- 0.0497		
	369834.76	2.0764	8.1079	0.3405	- 0.1483	- 0.2526	- 0.0769		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369834.759	+ 7865.68	+ 1355069.9	+ 1001349.9	+ 418563.9	- 1.12	+ 0.41	- 0.07	+ 53.87
ENV	369834.759	+ 7821.63	+ 1355095.5	+ 998574.5	+ 425058.1	- 1.07	+ 0.34	- 0.30	+ 58.31
ERR	0.000	44.04	25.5	2775.4	6494.1	0.04	0.07	0.22	4.44

	IN POUNDS	AND FEET							
AGC	+17340.69		+ 4445767.7	+ 3285269.0	+ 1373241.4	- 3.67	+ 1.35	- 0.24	+ 176.75
ENV	+17242.58		+ 4445851.6	+ 3276163.2	+ 1394547.5	- 3.52	+ 1.11	- 0.99	+ 191.32

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PIPTIME: 3.69834760000 05

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P64: APPRQUAD  
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TPIP: 3.69834760000 05

	R AND RG	V AND VG		
1.73611131249 06	-3.38887499999 03	5.84874999999 02	-6.55126571655 -01	-2.33983993530 -01
5.39999999999 01	1.24999999999 -01	-4.53749999999 01	-6.54983520507 -01	-4.23431356484 -02

	LAND	TTF	CG	AFC
1.73605737499 06	-3.39037499999 03	6.30249999999 02	-2.07780029296 01	0.99 -0.00 0.00
				0.00 0.99 0.03
	TRANSIENT 0.200			-0.00 -0.03 0.99

	UNFC	UNWC
9.93142968304 -01	5.88663596535 -03	-1.16757834960 -01
		-7.65067747633 -01
		-2.12417086465 -02
		6.43599356234 -01

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THROTTLE:	TIME	MASS	FWHEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369835.78	7865.68	- 2	1017	1.6396	1.6216	1023	1017	- 5	0	- 5

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DISPLAYS:	TIME	MODE	VERBNOU	H	HDOT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
	369836.09	64	6 64	177	- 20	- 0 20	0	39	0 58	119	- 2

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ATTITUDE:	CDUTIME	CDUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRED
	369836.76	1.9457	7.4707	0.0109	- 0.1390	- 0.2018	- 0.0313		
	369836.76	1.8566	7.7453	0.3405	- 0.1208	- 0.1208	- 0.0549		

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	TIME	MASS	RN				VN				ALTITUDE
ACC	369836.759	+ 7857.52	+ 1355067.9	+ 1001349.9	+ 418563.9	- 1.38	+ 0.66	+ 0.05	+ 0.18	+ 52.56	
ENV	369836.759	+ 7812.96	+ 1355093.1	+ 998575.5	+ 425057.6	- 1.33	+ 0.60	- 0.18	+ 0.18	+ 56.86	
ERR	0.000	44.55	25.1	2774.4	6493.6	0.04	0.06	0.24		4.29	
AGC	IN PCUNDS	+17322.69	+ 4445761.1	+ 3285269.0	+ 1373241.4	- 4.53	+ 2.17	+ 0.19		+ 172.44	
ENV	ANO FOOTS	+17224.45	+ 4445843.7	+ 3276166.4	+ 1394545.9	- 4.37	+ 1.97	- 0.59		+ 186.55	

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PIPTIME: 3.6983676000 05

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P64: APPRQUAO

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TPIP: 3.69836760000 05

	R	ANO	RG		V	AND	VG				
1.73610999999	06	-3.3893124999	03	5.82562499999	02	-6.82401657104	-01	-2.09569931030	-01	-1.35960578918	00
5.26249999999	01	0.0		-3.86249999999	01	-6.82449340820	-01	-3.05175781250	-02	3.26309204101	00

	LANO		TTF		CG		AF
1.73605737499	06	-3.39049999999	03	6.21124999999	02	-1.88485693359	C1
						0.99	-0.00
						0.00	0.99
						-0.00	-0.03
						0.00	0.99

	UNFC		UNWC		
9.93572321426	-01	5.81086096515	-03	-1.13049882754	-01
				-8.06469468932	-01
				-1.81901227476	-02
				5.90995867257	-01

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369837.77	7857.52	0	1014	1.6196	1.6179	1013	1014	1	0	1

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DISPLAYS:	TIME	MODE	VERBAND	H	HODT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
	369838.08	64	6 64	172	- 21	- 0 18	0	50	0 61	1C7	- 2

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ALTITUDE:	COUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRE
	369838.76	1.5710	7.2619	0.0000	- 0.1382	- 0.0384	0.0066		
	369838.76	1.7138	7.5256	0.3405	- 0.1043	- 0.1098	- 0.0439		

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	TIME	MASS	PN				VN			ALTITUDE
AGC	369838.759	+ 7848.88	+ 1355065.9	+ 1001351.9	+ 418563.9	- 1.63	+ 0.91	+ 0.18	+ 51.18	
ENV	369838.759	+ 7804.31	+ 1355090.2	+ 998576.9	+ 425057.3	- 1.58	+ 0.84	- 0.06	+ 55.35	
ERR	0.000	44.57	24.2	2775.0	6493.3	0.04	0.06	0.25	4.16	
AGC	IN POUNDS	+17303.65	+ 4445754.5	+ 3285275.5	+ 1373241.4	- 5.34	+ 3.01	+ 0.60	+ 167.93	
ENV	AND FEET	+17205.39	+ 4445834.1	+ 3276171.1	+ 1394545.1	- 5.19	+ 2.78	- 0.22	+ 181.61	

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PIPTIME: 3.69838760000 05

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P64: APPROUAO  
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TPIP: 3.69838760000 05

	R AND RG	V AND VG
1.73610862499 06	-3.38968749999 03	-1.95169448852 -01
5.12499999999 01	0.0	-2.82287597656 -02

	LANO	TTF	CG	AFC
1.73605737499 06	-3.39062499999 03	6.11999999999 02	0.99 -0.00 0.00	1.60924391821 00
	TRANSIENT 0.203		0.00 0.99 0.03	
			-0.00 -0.03 0.99	

	UNFC	UNWC
9.93968468192 -01	5.59055448727 -03	-1.53824358899 -02
	-1.09523650137 -01	5.36187765305 -01

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFSET	REG55
	369839.77	7848.88	- 6	1007	1.6246	1.6092	1017	1007	- 10	0	- 10

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OISPLAYS:	TIME	MODE	VERBNOUJ	H	HOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
	369840.09	64	6 64	168	- 22	- 0 16	0	61	0 65	94	- 2

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ATTITUDE:	CDUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRED
	369840.76	1.2854	7.1850	0.0219	- 0.1379	- 0.0731	0.0172		
	369840.76	1.6369	7.3059	0.3405	- 0.1867	- 0.1098	- 0.0329		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369840.759	+ 7840.73	+ 1355061.9	+ 1001353.9	+ 418563.9	- 1.88	+ 1.14	+ 0.30	+ 49.74
ENV	369840.759	+ 7795.69	+ 1355086.8	+ 998578.9	+ 425057.3	- 1.83	+ 1.08	+ 0.04	+ 53.80
ERR	0.000	45.04	24.8	2775.0	6493.3	0.04	0.05	0.26	4.05

	IN POUNDS	AND	FOOTS							
AGC	+17285.69			+ 4445741.4	+ 3285282.1	+ 1373241.4	- 6.17	+ 3.74	+ 1.00	+ 163.22
ENV	+17186.37			+ 4445822.9	+ 3276177.5	+ 1394545.0	- 6.01	+ 3.55	+ 0.13	+ 176.51

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PIPTIME: 3.6984076000 05

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P64: APPQUAC  
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TPIP: 3.69840760000 05

	R	AND	RG				V			AND	VG
1.7361071P749	06	-3.39006249999	03	5.75624999999	02	-7.36951828002	-01	-1.70755386352	-01	-2.08926200866	00
4.98749999999	01	-1.24999999999	-01	-2.72499999999	01	-7.37380981445	-01	-1.60217285156	-02	2.53257751464	00

	LANO				TTF	CG			AFC	
1.73605737499	06	-3.39074999999	03	6.02874999999	02	-1.49274511718	01	0.99 -0.00 0.00	1.59851042553	00
								0.00 0.99 0.03		
								-0.00 -0.03 0.99		

	UNFC				UNWC						
9.94193901211	-01	5.88736340017	-03	-1.07442197232	-01	-6.56832437406	-01	-2.19123037575	-02	7.53718117146	-01

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369841.81	7840.73	- 2	1000	1.6146	1.5985	1004	1000	- 4	0	- 4

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DISPLAYS:	TIME	MOOE	VERBNOU	H	HDOT	TTF	RANGE	ABVEL	TTF	LPO	VHORIZ	OELTAH
	369842.12	64	6 64	163	- 23	- 0 14	0	72	0 68	83	- 2	

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ALTITUDE:	COUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIREO
	369842.76	1.0107	6.9763	0.0769	- 0.1373	- 0.1356	0.0349		
	369842.76	1.4941	7.1630	0.3405	- 0.0109	- 0.0439	- 0.0109		

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369842.759	+ 7832.59	+ 1355057.9	+ 1001355.9	+ 418563.9	- 2.14	+ 1.34	+ 0.42	+ 48.24	
ENV	369842.759	+ 7787.13	+ 1355082.9	+ 998581.2	+ 425057.5	- 2.09	+ 1.29	+ 0.14	+ 52.15	
ERR	0.000	45.46	24.9	2774.7	6493.5	0.04	0.04	0.27	3.90	

	IN POUNDS								
AGC	+17267.74	+ 4445728.3	+ 3285288.7	+ 1373241.4	- 7.02	+ 4.41	+ 1.37	+ 158.30	
ENV	+17167.51	+ 4445810.1	+ 3276185.3	+ 1394545.6	- 6.86	+ 4.25	+ 0.46	+ 171.10	

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PIPTIME: 3.6984276000 05

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P64: APPRQUAO  
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TIPTIME: 3.6984276000 05

	R ANO RG	V ANO VG
1.73610568749 06	-3.39037499999 03	5.71124999999 02 -7.94172286987 -01 -1.46341323852 -01 -2.43411064147 00
4.83749999999 01	-1.24999999999 -01	-2.26249999999 01 -7.94601440429 -01 -2.67028808553 -03 -2.18734741210 00

	LANO	TTF	CG	AFC
1.73605737499 06	-3.39087499999 03	5.93749999999 02 -1.29274511718 01	0.99 -0.00 0.00	1.58941838890 00
	TRANSIENT 0.169		0.00 0.99 0.03	
			-0.00 -0.03 0.99	

	UNFC	UNWC
9.94458121907 -01	4.16611633604 -03 -1.05050879327 -01	-3.33245062516 -01 -2.90598866153 -02 9.42392302227 -01

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFSET	REG55
	369842.77	7832.59	- 4	993	1.6046	1.5894	1000	993	- 7	0	- 7

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OISPLAYS:	TIME	MODE	VERBDOWN	H	HDOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
	369844.08	64	6 64	158	- 25	- 0 12	0	84	0 72	71	- 2

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ATTITUDE:	COUTIME	COUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRED
	369844.76	0.7360	6.8225	0.1428	- 0.1377	- 0.0398	0.0223		
	369844.76	1.5710	7.1630	0.3405	0.1208	- 0.0988	- 0.0549		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369844.759	+ 7824.46	+ 1355053.9	+ 1001359.9	+ 418565.9	- 2.40	+ 1.55	+ 0.53	+ 46.62
ENV	369844.759	+ 7778.62	+ 1355078.4	+ 998584.0	+ 425057.9	- 2.35	+ 1.49	+ 0.24	+ 50.38
ERR	0.000	45.84	24.4	2775.9	6491.9	0.04	0.05	0.29	3.76

AGC	IN PCUNOS	+17249.82	+ 4445715.2	+ 3285301.8	+ 1373248.0	- 7.88	+ 5.08	+ 1.75	+ 152.96
ENV	ANO FOOTS	+17148.74	+ 4445795.5	+ 3276194.5	+ 1394546.9	- 7.71	+ 4.91	+ 0.79	+ 165.32

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PIPTIME: 3.69844760000 05

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P64: APPRQUAO
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TPIP: 3.69844760000 05

R AND RG				V ANO VG							
1.736104C6249	06	-3.39062499999	03	5.65937499999	02	-8.51392745971	-01	-1.21927261352	-01	-2.77895927429	00
4.67499999999	01	-1.24999999999	-01	-1.87499999999	01	-8.52203369140	-01	1.02996826171	-02	1.84173583984	00

LAND				TTF				CG			AFC	
1.73605737499	06	-3.39099999999	03	5.84624999999	02	-1.10483984374	01	0.99	-0.00	0.00	1.58108072355	00
								0.00	0.99	0.03		
TRANSIENT 0.249								-0.00	-0.03	0.99		

UNFC				UNWC							
9.94856678962	-01	2.02335644477	-03	-1.01272377047	-01	-3.66239854670	-04	-3.25953470657	-02	9.99468563396	-01

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	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369845.79	7824.46	- 6	987	1.6046	1.5810	597	987	- 10	0	- 10

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	TIME	MODE	VERBNOUN	H	HOOT	TTF	RANGE	APVEL	TTF LPO	VHORIZ	OELTAH
DISPLAYS:	369846.10	64	6 64	153	- 27	- 0 11	0	95	0 74	60	- 2

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	COUTIME	COUX	CDUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369846.76	0.8129	6.7785	0.1428	0.1335	- 0.0046	- 0.0363	
	369846.76	1.7138	7.0861	0.2636	0.0769	- 0.1977	- 0.1208	DESIREC

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369846.759	+ 7816.34	+ 1355047.9	+ 1001361.9	+ 418565.9	- 2.67	+ 1.72	+ 0.62	+ 44.81
ENV	369846.759	+ 7770.15	+ 1355073.5	+ 998587.2	+ 425058.4	- 2.62	+ 1.67	+ 0.33	+ 48.47
ERR	0.000	46.19	25.5	2774.7	6492.4	0.04	0.04	0.29	3.66

	IN POUNDS								
AGC	17231.91	+ 4445655.5	+ 3285308.3	+ 1373248.0	- 8.77	+ 5.66	+ 2.05	+ 147.02	
ENV	17130.08	+ 4445779.2	+ 3276204.9	+ 1394548.8	- 8.61	+ 5.50	+ 1.08	+ 159.04	

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PIPTIME:	3.6984676000	05			TPIP:	3.6984676000	05
			P65:	VERTICAL			

	R AND RG			V AND VG			
1.7361224999	06	-3.39087499999	03	5.60062499999	02	-9.38653945922	-01
4.48749999999	01	-2.49599999999	-01	-1.54599599999	01	-9.39178466756	-01
				-1.07526779174	-01	1.37329101562	-02
				-3.10378074645	00	1.51672363281	00

	LANO		TTF	CG	AFC
1.73605737499	06	-3.39112499999	03	5.75495999999	02
				-9.04839843749	00
				0.99 -0.00 0.00	1.63611555540
				0.00 0.99 0.03	
				-0.00 -0.03 0.99	

	UNFC		UNWC
9.95725805162	-01	2.36228815939	-04
		-9.23583517065	-02
		-3.66239854670	-04
		-3.25953470657	-02
		9.99468563396	-01

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369847.62	7816.34	18	1020	1.5896	1.6361	985	1020	35	0	35

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OISPLAYS:	TIME	MODE	VERBNOUN	H	FDOT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
	369847.92	65	6 64	147	- 30	- 0 9	0	106	0 77	45	- 2

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ATTITUDE:	COUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRED
	369848.76	1.0766	6.5917	- 0.0439	0.1322	- 0.2028	- 0.0925		
	369848.76	1.7138	6.6687	0.1428	0.0000	- 0.3295	- 0.0659		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369848.759	+ 7808.23	+ 1355041.9	+ 1001365.9	+ 418567.9	- 2.92	+ 1.91	+ 0.73	+ 42.87
ENV	369848.759	+ 7761.63	+ 1355067.9	+ 998590.8	+ 425059.2	- 2.87	+ 1.87	+ 0.42	+ 46.38
ERR	0.000	46.59	25.9	2775.1	6491.2	0.04	0.04	0.31	3.51

	IN POUNDS AND FEET								
AGC	+17214.02	+ 4445675.8	+ 3285321.5	+ 1373254.5	- 9.58	+ 6.29	+ 2.41	+ 140.66	
ENV	+17111.30	+ 4445761.1	+ 3276216.5	+ 1394551.2	- 9.43	+ 6.14	+ 1.39	+ 152.18	

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PIPTIME: 3.6984876000 05

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P65: VERTICAL  
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TPIP: 3.6984876000 05

		R AND RG			V AND VG						
1.73610031249	06	-3.39106249999	03	5.53499999999	02	-9.95922088623	-01	-8.31127166748	-02	-3.42860221862	00
4.25999999999	01	-1.24999999999	-01	-1.28749999999	01	-9.96398925781	-01	2.78472900390	-02	1.19132995605	00

		LANO			TTE			CG			AFC	
1.73605737499	06	-3.39124999999	03	5.66374999999	02	-7.04839843749	00	0.99	-0.00	0.00	1.63917895406	00
								0.00	0.99	0.03		
								-0.00	-0.03	0.99		

		UNFC			UNWC						
9.97376940360	-01	-1.28120870010	-03	-7.23712466508	-02	-3.66239854670	-04	-3.25953470657	-02	9.99468563396	-01

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	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369849.60	7808.23	0	1021	1.6046	1.6391	1018	1021	3	0	3

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	TIME	MOOF	VERBNOUN	H	FOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	OELTAH
DISPLAYS:	369849.90	65	6 60	141	- 32	- 0 7	0	117	0 78	39	- 2

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	COUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369850.76	1.3403	5.8447	- 0.1428	0.1345	- 0.5418	- 0.0087	
	369850.76	1.7138	5.8117	0.0439	0.0000	- 0.6042	- 0.1098	DESIREO

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369850.759	+ 7799.65	+ 1355035.9	+ 1001365.9	+ 418569.9	- 3.10	+ 2.14	+ 0.81	+ 40.18	
ENV	369850.759	+ 7752.93	+ 1355062.0	+ 998594.7	+ 425060.1	- 3.05	+ 2.09	+ 0.52	+ 44.26	
ERR	0.000	46.71	26.0	2775.2	6490.1	0.04	0.05	0.29	4.08	

	IN POUNDOS								
AGC	+17195.10	+ 4445656.1	+ 3285334.6	+ 1373261.1	- 10.17	+ 7.04	+ 2.68	+ 131.84	
ENV	+17092.12	+ 4445741.6	+ 3276225.5	+ 1394554.4	- 10.02	+ 6.88	+ 1.70	+ 145.23	

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PIPTIME: 3.69850760000 05

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P65: VERTICAL  
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TIPI: 3.69850760000 05

		R AND RG				V AND VG					
1.73605762499	06	-3.39118749999	03	5.46312499999	02	-9.82999601635	-01	-9.65595245361	-02	-3.73120307922	00
4.02499999999	01	0.0		-1.09999999999	01	-9.84191894531	-01	4.57763671875	-03	8.89205932617	-01

		LANO		TTF		CG		AFC		
1.73605737499	06	-3.39137499999	03	5.57249999999	02	-5.04839843749	00	0.99 -0.00 0.00	1.63603806868	00
		TRANSIENT	1.055			0.00 0.69 0.03				
						-0.00 -0.03 0.99				

		UNFC				UNWC					
9.98540319472	-01	-4.61095967649	-04	-5.40094230501	-02	-3.66239854670	-04	-3.25953470657	-02	9.99468563396	-01

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	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369851.88	7799.65	0	1018	1.6396	1.6360	1021	1018	- 3	0	- 3

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	TIME	MODE	VERBNOUN	H	HDOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
DISPLAYS:	369852.18	65	6 60	132	- 31	- 0 5	0	126	0 79	29	- 6

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	CDUTIME	CDUX	COUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRED
ATTITUDE:	369852.76	1.6040	4.4934	- 0.2526	0.1328	- 0.7455	- 0.0837		
	369852.76	1.7138	4.7131	- 0.1098	0.0000	- 0.6042	0.0109		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369852.759	+ 7791.09	+ 1355029.9	+ 1001373.9	+ 418571.9	- 3.22	+ 2.32	+ 0.90	+ 37.74
ENV	369852.759	+ 7744.22	+ 1355055.7	+ 998599.1	+ 425061.3	- 3.18	+ 2.29	+ 0.59	+ 42.19
ERR	0.000	46.85	25.7	2774.8	6489.3	0.04	0.03	0.30	4.44

	IN PCUNOS	MASS	RN			VN			ALTITUDE
AGC	17176.21	+ 4445636.4	+ 3285347.7	+ 1373267.7	- 10.59	+ 7.63	+ 2.95	+ 123.85	
ENV	17072.92	+ 4445721.1	+ 3276244.0	+ 1394558.0	- 10.45	+ 7.51	+ 1.96	+ 138.42	

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PIPTIME: 3.69852760000 05

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P65: VERTICAL  
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TPIP: 3.69852760000 05

	R AND RG	V ANO VG		
1.73605518749	06 -3.39137499999 03 5.38624999999 02 -9.59444046020 -01 -9.14096832275 -02 -3.96609306335 00			
3.78749999999	01 -1.24999999999 -01 -9.49999999999 00 -9.60540771484 -01 1.90734863281 -03 6.54220581054 -01			

	LANO	TTF	CG	AFC
1.73605737499	06 -3.39149999999 03 5.48124999999 02 -3.04839843749 00 0.99 -0.00 0.00 1.63256423547 00			
			0.00 0.99 0.03	
			-0.00 -0.03 0.99	

	UNFC	UNWC
9.99210098036	-01 -7.67275976329 -04 -3.97314896367 -02 -3.66239854670 -04 -3.25953470657 -02 9.99468563396 -01	

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	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THROTTLE:	369853.89	7791.08	- 2	1014	1.6396	1.6325	1019	1014	- 4	0	- 4

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	TIME	MOOE	VERBNOUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	OELTAH
DISPLAYS:	369854.19	65	6 60	124	- 31	- 0 3	0	134	0 78	21	- 4

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	COUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369854.76	1.8676	3.1860	- 0.3405	0.1358	- 0.5344	0.0450	
	369854.76	1.7138	3.6145	- 0.1098	0.0000	- 0.5493	0.0109	OESIED

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369854.759	+ 7782.52	+ 1355021.9	+ 1001377.9	+ 418571.9	- 3.30	+ 2.46	+ 0.96	+ 35.56
ENV	369854.759	+ 7735.55	+ 1355049.3	+ 998603.9	+ 425062.5	- 3.26	+ 2.43	+ 0.64	+ 40.17
ERR	0.000	46.97	27.3	2774.0	6490.5	0.03	0.02	0.31	4.61

	IN POUNDS	AND FODTS							
AGC	+17157.34		+ 4445610.2	+ 3285360.8	+ 1373267.7	- 10.85	+ 8.07	+ 3.16	+ 116.67
ENV	+17053.79		+ 4445659.9	+ 3276259.5	+ 1394562.1	- 10.72	+ 7.99	+ 2.12	+ 131.81

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PIPTIME: 3.6985476000 05

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 P65: VERTICAL  
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TPIP: 3.6985476000 05

	R AND RG				V AND VG			
1.7360929999	06 -3.39156249999	03	5.30499999999	02 -9.27877426147	-01 -8.70227813720	-02 -4.13093566894	00	
3.56249999999	01 -1.24999999999	-01	-8.49999999999	00 -9.28878784179	-01	7.62939453125	-04 4.89425659179	-01

	LAND	TTF	CG	AFC				
1.73605727499	06 -3.39162499999	03	5.38999999999	02 -1.04839843749	00	0.99 -0.00 0.00	1.62882031872	00
	TRANSIENT 0.573					0.00 0.99 0.03		
						-0.00 -0.03 0.99		

	UNFC	UNWC					
9.99557197760	-01 -1.02633921951	-03 -2.97381074132	-02 -3.66239854670	-04 -3.25953470657	-02	9.99468563396	-01

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFSET	REG55
	369855.88	7782.52	- 2	1011	1.6396	1.6288	1016	1011	- 5	0	5

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DISPLAYS:	TIME	MODE	VERBNOUN	H	HDOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
	369856.19	65	6 60	117	- 29	- 0 1	0	138	0 78	16	- 2

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ATTITUDE:	COUTIME	COUX	COUY	CRUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRED
	369856.76	2.1313	2.2961	- 0.1977	0.1372	- 0.3775	0.0992		
	369856.76	1.7138	2.7136	- 0.1098	0.0000	- 0.3186	0.0000		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369856.759	+ 7773.96	+ 1355015.9	+ 1001383.9	+ 418573.9	- 3.34	+ 2.56	+ 0.97	+ 33.43
ENV	369856.759	+ 7726.90	+ 1355042.7	+ 998608.8	+ 425063.8	- 3.31	+ 2.53	+ 0.67	+ 38.21
ERR	0.000	47.05	26.7	2775.1	6489.8	0.02	0.03	0.30	4.78

AGC	IN POUNOS	+17138.49	+ 4445590.5	+ 3285380.5	+ 1373274.2	- 10.97	+ 8.41	+ 3.20	+ 109.70
ENV	AND FOOTS	+17034.74	+ 4445678.3	+ 3276275.8	+ 1394566.5	- 10.88	+ 8.30	+ 2.22	+ 125.39

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PIPTIME:	3.6985676000	05		P65: VERTICAL		PTIP:	3.6985676000	05
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		R AND RG		V AND VG			
1.73605087499	06	-3.39174999999	03	5.22124999999	02	-8.95309448242	-01
3.34999999999	01	-1.24999999999	-01	-7.74999999999	00	-8.96453857421	-01

		LANO		TTF		CG		AFC
1.73605737499	06	-3.39174999999	03	5.25874999999	02	9.51601562499	-01	0.99 -0.00 0.00
								0.00 0.99 0.03
		TRANSIENT	0.371					-0.00 -0.03 0.99

		UNFC		UNWC			
9.99724088667	-01	6.90478525833	-04	-2.34791349344	-02	-3.66239854670	-04
						-3.25953470657	-02
							9.99468563396

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	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFSET	REG55
THROTTLE:	369857.88	7773.96	- 4	1008	1.6396	1.6253	1015	1008	- 7	0	- 7

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	TIME	MODE	VERBNCUN	H	FDOT	TTF	RANGE	ARVEL	TTF LPO	VHORIZ	DELTAH
DISPLAYS:	369858.18	65	6 60	110	- 28	- 0 0	0	142	0 78	12	- 2

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	CDUTIME	CDUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369858.76	2.4060	1.7578	- 0.1538	0.1343	- 0.1914	- 0.0133	
	369858.76	1.7138	2.2741	- 0.1098	0.0000	- 0.2636	0.0439	CES1RE0

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369858.759	+ 7765.42	+ 1355007.9	+ 1001387.9	+ 418575.9	- 3.38	+ 2.62	+ 1.00	+ 31.43
ENV	369858.759	+ 7718.31	+ 1355036.0	+ 998614.0	+ 425065.2	- 3.34	+ 2.58	+ 0.69	+ 36.30
ERR	0.000	47.11	28.0	2773.9	6489.2	0.03	0.04	0.31	4.86
AGC	IN POUND	+17119.65	+ 444564.3	+ 3285393.7	+ 1373280.8	- 11.11	+ 8.62	+ 3.30	+ 103.14
ENV	AND FEET	+17015.79	+ 4445656.4	+ 3276292.6	+ 1394571.0	- 10.98	+ 8.48	+ 2.28	+ 119.09

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PIPTIME: 3.69858760000 05

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P65: VERTICAL  
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TPIP: 3.69858760000 05

	R AND RG	V AND VG				
1.73608887499	06 -3.39199999999 03	5.13562499999	02 -8.82816314697	-01 -1.11293792724	-01 -4.31423187255	00
3.14999999999	01 -2.49999999999 -01	-7.24999999999	00 -8.83865356445	-01 -2.89916992187	-02 3.06701660156	-01

	LANO	TTF	CG	AFC	
1.73605737499	06 -3.39187499999 03	5.20749999999 02	2.95160156249 00	0.99 -0.00 0.00	1.62387965247 00
	TRANSIENT 0.284			0.00 0.99 0.03	
				-0.00 -0.03 0.99	

	UNFC	UNWC			
9.99828310254	-01 4.35872448585 -04	-1.85245790648 -02	-3.66239854670 -04	-3.25953470657 -02	9.99468563396 -01

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369858.89	7765.42	0	1006	1.6296	1.6238	1005	1006	1	0	1

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OISPLAYS:	TIME	MODE	VERBNOUN	H	HDOT	TTF	RANGE	ABVEL	TTF LPO	VHOR IZ	DELTAH
	369860.18	65	6 60	103	- 28	- 0 2	0	144	0 77	10	- 2

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ATTITUDE:	COUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIREO
	369860.76	2.6806	1.4611	- 0.0988	0.1352	- 0.1278	0.0228		
	369860.76	1.7138	1.9006	- 0.1098	0.0000	- 0.1647	0.0329		

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369860.759	+ 7757.36	+ 1355001.9	+ 1001393.9	+ 418577.9	- 3.42	+ 2.63	+ 1.02	+ 29.43	
ENV	369860.759	+ 7709.76	+ 1355029.3	+ 998619.2	+ 425066.6	- 3.37	+ 2.61	+ 0.70	+ 34.38	
ERR	0.000	47.60	27.3	2774.7	6488.6	0.04	0.02	0.32	4.94	
AGC	IN PCUNDS	+17101.88	+ 4445544.6	+ 3285413.3	+ 1373287.4	- 11.22	+ 8.65	+ 3.37	+ 96.57	
ENV	ANO FOOTS	+16996.93	+ 4445634.3	+ 3276309.7	+ 1394575.6	- 11.07	+ 8.57	+ 2.31	+ 112.81	

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PIPTIME: 3.69860760000 05 P65: VERTICAL TPIP: 3.69860760000 05

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 P65: VERTICAL  
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R AND RG				V AND VG							
1.736086E7499	06	-3.39218749999	03	5.04874999999	02	-8.98838043212	-01	-9.68933105468	-02	-4.34889793395	00
2.94999999999	01	-2.49599999999	-01	-6.74999999999	00	-8.99887084960	-01	-1.60217285156	-02	2.71987915039	-01

LAND				TTF				CG				AFC			
1.73605737499	06	-3.39199999999	03	5.11624999999	02	4.95160156249	00	0.99	-0.00	0.00	1.62541633471	00	0.00	0.99	0.03
TRANSIENT 0.131								-0.00 -0.03 0.99							

UNFC				UNWC							
9.99865441708	-01	-4.32595382061	-04	-1.63985163372	-02	-3.66239854670	-04	-3.25953470657	-02	9.99468563396	-01

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369861.88	7757.36	2	1006	1.6196	1.6254	1002	1006	4	C	4

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DISPLAYS:	TIME	MODE	VERBNOUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
	369862.19	65	6 60	97	- 28	- 0 4	0	145	0 77	8	- 2

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ATTITUDE:	COU TIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
	369862.76	2.7355	1.3073	- 0.1757	0.0080	- 0.0351	- 0.0588	
	369862.76	1.7138	1.7468	- 0.1098	0.0000	- 0.0549	0.0000	OESIED

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369862.759	+ 7748.84	+ 1354993.9	+ 1001397.9	+ 418579.9	- 3.43	+ 2.67	+ 1.02	+ 27.43
ENV	369862.759	+ 7701.17	+ 1355022.5	+ 998624.4	+ 425068.0	- 3.38	+ 2.63	+ 0.71	+ 32.47
ERR	0.000	47.66	28.5	2773.5	6488.0	0.04	0.03	0.30	5.03

	IN POUNDS	AND FEET	+	+	+	-	+	+	+	+
AGC	17083.09	16978.01	4445518.3	3285426.5	1373293.9	11.25	8.78	3.35	90.01	
ENV	4445612.1	3276326.9	1394580.3	11.11	8.65	2.34	106.53			

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PIPTIME: 3.6986276000 05

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P65: VERTICAL  
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TIPI: 3.6986276000 05

	R AND RC	V AND VG				
1.73608487499	06 -3.39237499999 03	4.96124999999	02 -8.86154174804	-01 -1.16825103759	-01 -4.38194274902	00
2.74999999999	01 -3.74999999999 -01	-6.37499999999	00 -8.86917114257	-01 -3.70025634765	-02 2.39181518554	-01

	LAND	TTF	CG	AFC		
1.73605727499	06 -3.39212499999 03	5.02499999999	02 6.95160156249	00 0.99 -0.00 0.00	1.62407290190	00
					0.00 0.99 0.03	
	TRANSIENT 0.136				-0.00 -0.03 0.99	

	UNFC	UNWC				
9.99896668921	-01 7.94226430375 -04	-1.43534206153	-02 -3.66239854670	-04 -3.25953470657	-02 9.99468563396	-01

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THROTTLE:	TIME	MASS	FWEIGHT	FCGLD	AF	AFC	FP	FC	PIF	PIFSET	REG55
	369863.89	7748.84	- 2	1004	1.6296	1.6240	1009	1004	- 5	0	- 5

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DISPLAYS:	TIME	MODE	VERRNGUN	H	FDCT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
	369864.19	65	6 60	90	- 28	- 0 6	0	146	0 77	7	- 1

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ATTITUDE:	CDUTIME	CDUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRED
	369864.76	2.7465	1.3732	- 0.2416	0.0091	0.0683	- 0.0110		
	369864.76	1.7138	1.7468	- 0.1098	0.0000	- 0.0659	0.0219		

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369864.759	+ 7740.32	+ 1354987.9	+ 1001403.9	+ 418581.9	- 3.43	+ 2.69	+ 1.03	+ 25.56	
ENV	369864.759	+ 7692.59	+ 1355015.8	+ 998629.7	+ 425069.5	- 3.39	+ 2.66	+ 0.72	+ 30.58	
ERR	0.000	47.72	27.8	2774.2	6487.5	0.04	0.02	0.31	5.02	
AGC	IN POUNDS	+17064.31	+ 4445458.6	+ 3285446.1	+ 1373300.5	- 11.26	+ 8.85	+ 3.40	+ 83.86	
ENV	AND FEET	+16959.10	+ 4445589.9	+ 3276344.3	+ 1394585.0	- 11.12	+ 8.75	+ 2.36	+ 100.35	

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PIPTIME: 3.6986476000 05

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P65: VERTICAL  
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TPIP: 3.6986476000 05

	R AND RG	V AND VG					
1.7360829999	06 -3.3926249999 03	4.8731249999	02 -8.73374938964	-01 -1.1219793325	-01 -4.40206527709	00	
2.5624999999	01 -4.9999999999 -01	-5.9999999999	00 -8.74328613281	-01 -3.31878662105	-02 2.19345092773	-01	

	LAND	TTF	CG		AFC
1.73605737499	06 -3.3922499999 03	4.9337499999 02	8.95160156249	00 0.99 -0.00 0.00	1.62278767675 00
				0.00 0.59 0.03	
	TRANSIENT 0.070			-0.00 -0.03 0.99	

	UNFC	UNWC				
.9.99913424984	-01 5.19381881823 -04	-1.31481092956	-02 -3.66239854670	-04 -3.25953470657	-02 9.99468563396	-01

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THROTTLE:	TIME	MASS	FWEIGHT	FCCLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369866.95	7740.32	0	1002	1.6296	1.6227	1004	1002	- 2	0	- 2

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DISPLAYS:	TIME	MODE	VERBNOU	H	FOOT	TTF	RANGE	ARVEL	TTF LPD	VHORIZ	OELTAH
	369866.27	65	6 60	84	- 28	- 0 8	0	147	0 77	7	- 1

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ATTITUDE:	COUTIME	CDUX	CDUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
	369866.76	2.7685	1.4941	- 0.1867	0.0103	0.0436	0.0368	
	369866.76	1.7138	1.7468	- 0.1098	0.0000	- 0.0439	0.0219	DESIRED

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369866.759	+ 7731.81	+ 1354979.9	+ 1001409.9	+ 418583.9	- 3.44	+ 2.71	+ 1.04	+ 23.68
ENV	369866.759	+ 7684.05	+ 1355009.0	+ 998635.1	+ 425070.9	- 3.40	+ 2.69	+ 0.72	+ 28.72
ERR	0.000	47.76	29.0	2774.8	6486.9	0.04	0.01	0.32	5.03

	IN POUNDS	AN0 FOOT5	+17045.56	+ 4445472.4	+ 3285465.8	+ 1373307.0	- 11.31	+ 8.91	+ 3.44	+ 77.71
AGC										
ENV			+16940.25	+ 4445567.6	+ 3276361.9	+ 1394585.7	- 11.17	+ 8.84	+ 2.37	+ 94.24

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PIPTIME: 3.69866760000 05

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P65: VERTICAL  
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TIIP: 3.69866760000 05

	R AND RG	V AND VG
1.73608112499 06	-3.39287499999 03	4.78499999999 02 -8.70418548583 -01 -1.07812881469 -01 -4.42700386047 00
2.37499999999 01	-6.24999999999 -01	-5.62499999999 00 -8.71276855468 -01 -2.93731689453 -02 1.94168090820 -01

	LAND	TTF	CG	AFC
1.73605737499 06	-3.39237499999 03	4.84249999999 02 1.09516015624 01	0.99 -0.00 0.00	1.62244541570 00
	TRANSIENT 0.098		0.00 0.99 0.03	
			-0.00 -0.03 0.99	

	UNFC	UNWC
9.99932244616 -01	2.35349759348 -04	-1.16383326117 -02 -3.66239854670 -04 -3.25953470657 -02 9.99468563396 -01

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFSET	REG55
	369867.88	7731.81	0	1001	1.6246	1.6224	1002	1001	- 1	C	- 1

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DISPLAYS:	TIME	MODE	VERBNDUN	H	HDOT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
	369868.19	65	6 60	78	- 28	- 0 10	0	148	0 77	6	- 1

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ATTITUDE:	CDUTIME	COUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRED
	369868.76	2.7905	1.5600	- 0.1867	0.0089	0.0213	- 0.0212		
	369868.76	1.7138	1.7468	- 0.1098	0.0000	- 0.0439	0.0109		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369868.759	+ 7723.32	+ 1354973.9	+ 1001413.9	+ 418585.9	- 3.46	+ 2.74	+ 1.04	+ 21.81
ENV	369868.759	+ 7675.51	+ 1355002.1	+ 998640.5	+ 425072.4	- 3.42	+ 2.72	+ 0.73	+ 26.86
ERR	0.000	47.80	28.1	2773.4	6486.4	0.03	0.02	0.31	5.05

	IN PCUNOS	+17026.83	+ 4445452.7	+ 3285479.0	+ 1373313.6	- 11.37	+ 9.01	+ 3.42	+ 71.56
AGC	ANO FOOTS	+16921.44	+ 4445545.2	+ 3276379.7	+ 1394594.5	- 11.24	+ 8.93	+ 2.39	+ 88.14

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PIPTIME:	3.69868760000	05		P65: VERTICAL		TIPT:	3.69868760000	05
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	R ANO RG	V ANO VG
1.73607924999	06 -3.39306249999 03 4.69624999999 02 -8.67795944213 -01 -1.26075744628 -01 -4.46009635925 00	
2.18749999999	01 -6.24999999999 -01 -5.37499999999 00 -8.68606567382 -01 -4.88281250000 -02 1.61743164062 -01	

	LANO	TTF	CG	AFC
1.73605737499	06 -3.39249999999 03 4.75124999999 02 1.29516015624 01 0.99 -0.00 0.00 1.62214972078 00		0.00 0.99 0.03	
	TRANSIENT 0.133		-0.00 -0.03 0.99	

	UNFC	UNWC
9.99952959417	-01 1.36929522946 -03 -9.60229044563 -03 -3.66239854670 -04 -3.25953470657 -02 9.99468563396 -01	

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369869.88	7723.32	0	999	1.6246	1.6221	1001	999	- 2	0	- 2

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OISPLAYS:	TIME	MODE	VERBNOU	H	HDOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
	369870.18	65	6 60	72	- 28	- 0 12	0	149	0 76	5	- 1

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ATTITUDE:	COUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
	369870.76	2.8125	1.5600	- 0.2087	0.0092	- 0.0271	- 0.0118	
	369870.76	1.7138	1.7468	- 0.1098	0.0000	- 0.0769	0.0329	OESIREO

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	TIME	MASS	RN				VN				ALTITUDE
AGC	369870.759	+ 7714.83	+ 1354965.9	+ 1001419.9	+ 418587.9	- 3.47	+ 2.76	+ 1.05	+ 19.93		
ENV	369870.759	+ 7666.99	+ 1354995.3	+ 998646.0	+ 425073.8	- 3.45	+ 2.75	+ 0.73	+ 25.00		
ERR	0.000	47.83	29.3	2773.9	6485.8	0.02	0.00	0.31	5.07		

	IN POUNDS AND FOOTS	+17008.12	+ 4445426.5	+ 3285498.6	+ 1373320.2	- 11.40	+ 9.06	+ 3.46	+ 65.41
ACC									
ENV		+16902.66	+ 4445522.6	+ 3276397.7	+ 1394595.3	- 11.32	+ 9.03	+ 2.41	+ 82.05

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PIPTIME: 3.6987C760000 05

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P65: VERTICAL  
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TIPI: 3.69870760000 C5

	R AND RG	V AND VG					
1.73607737499	06 -3.39331249999 03	4.60687499999	02 -8.64744186401	-01 -1.20925903320	-01 -4.48088645935	00	
1.99999999999	01 -7.49999999999 -01	-5.24999999555	00 -8.65554809570	-01 -4.42504882812	-02 1.40762329101	-01	

	LAND	TTF	CG	AFC
1.73605737499	06 -3.39262499999 03	4.65999999999 02	1.49516015624 01	0.99 -0.00 0.00
	TRANSIENT 0.075			C.00 0.99 0.03
				-0.00 -0.03 0.99

	UNFC	UNWC			
9.99964835267	-01 1.04512635286 -03	-8.32081365547	-03 -3.6623985467C	-04 -3.25953470657	-02 9.99468563396 -01

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	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	P1FPSET	REG55
THROTTLE:	369871.88	7714.83	0	998	1.6246	1.6218	1000	998	- 2	C -	2

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	TIME	MODE	VERBNOUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
DISPLAYS:	369872.18	65	6 60	65	- 27	- 0 14	0	150	0 76	4	- 0

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	CDUTIME	COUX	CDUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRED
ATTITUDE:	369872.76	2.9234	1.4831	- 0.1318	0.0109	- 0.0655	0.0535		
	369872.76	1.7138	1.6809	- 0.1098	C.0000	- 0.1098	0.0329		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369872.759	+ 7706.35	+ 1354959.9	+ 1001425.9	+ 418589.9	- 3.49	+ 2.79	+ 1.07	+ 17.99
ENV	369872.759	+ 7658.49	+ 1354988.3	+ 998651.5	+ 425075.3	- 3.47	+ 2.77	+ 0.74	+ 23.15
ERR	0.000	47.86	28.3	2774.4	6485.3	0.01	0.01	0.33	5.15

	IN POUND	MASS	RN			VN			ALTITUDE
AGC	16989.43	+ 4445406.8	+ 3285518.3	+ 1373326.7	- 11.45	+ 9.16	+ 3.51	+ 59.05	
ENV	16883.91	+ 4445499.9	+ 3276415.9	+ 1394604.2	- 11.39	+ 9.11	+ 2.43	+ 75.95	

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PIPTIME: 3.6987276000 05

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P65: VERTICAL  
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TPIP: 3.6987276000 05

	R ANO RG	V ANO VG
1.73607549999	06 -3.39356249999 03 4.51687499999 02 -9.54539871215 -01 -1.16586685180 -01 -4.51588630676 00	
1.81249999999	01 -8.74999999999 -01 -5.12499999999 00 -8.55255126953 -01 -4.11987304687 -02 1.05667114257 -01	

	LAND	TTF	CG	AFC
1.73605737499	06 -3.39274999999 03 4.56874999999 02 1.69516015624 01 0.99 -0.00 0.00 1.62081094458 00		0.00 0.99 0.03	
	TRANSIENT 0.124		-0.00 -0.03 0.99	

	UNFC	UNWC
9.99980665650	-01 7.87205373752 -04 -6.16835743593 -03 -3.66239854670 -04 -3.25953470657 -02 9.99468563396 -01	

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369873.88	7706.35	0	996	1.6246	1.6208	999	996	- 2	0	- 2

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OISPLAYS:	TIME	MOOF	VERBNOUN	H	FDCT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
	369874.18	65	6 60	59	- 27	- 0 16	0	150	0 75	3	- 0

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ATTITUDE:	COUTIME	CDUX	CDUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIREO
	369874.76	2.8454	1.3293	- 0.1428	0.0085	- 0.0949	- 0.0435		
	369874.76	1.7138	1.5270	- 0.1098	0.0000	- 0.0659	0.0329		

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369874.759	+ 7698.36	+ 1354951.9	+ 1001431.9	+ 418593.9	- 3.51	+ 2.81	+ 1.06	+ 16.18	
ENV	369874.759	+ 7650.00	+ 1354981.4	+ 998657.1	+ 425076.8	- 3.49	+ 2.79	+ 0.74	+ 21.28	
ERR	0.000	48.35	29.4	2774.8	6482.8	0.02	0.02	0.31	5.09	

	IN PCUNOS	AND FOOTS	MASS	RN	AGC	ENV	ERR	ALTITUDE
AGC	+16971.80	+ 4445380.5	+ 3285538.0	+ 1373335.8	- 11.53	+ 9.24	+ 3.49	+ 53.10
ENV	+16865.21	+ 4445477.0	+ 3276434.2	+ 1394609.1	- 11.46	+ 9.17	+ 2.44	+ 69.82

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PIPTIME:	3.69874760000	05		TPIP:	3.69874760000	05
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	R AND RG	V AND VG
1.73607368749	06 -3.39381249999 03 4.42624999999 02 -8.61978530883 -01 -1.34515762329 -01 -4.54902648925 00	
1.62499999999	01 -9.99999999999 -01 -4.99999999999 00 -8.62884521484 -01 -5.68907470703 -02 -7.28607177734 -02	

	LAND	TTF	CG	AFC
1.73605749999	06 -3.39287499999 03 4.47749999999 02 1.89516015624 01 0.99 -0.00 0.00 1.62156065925 00		0.00 0.99 0.03	
	TRANSIENT 0.133		-0.00 -0.03 0.99	

	UNFC	UNWC
9.99989815408	-01 1.87233895322 -03 -4.10651028083 -03 -3.66239854670 -04 -3.25953470657 -02 9.99468563396 -01	

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLD	DF	AFC	FP	FC	PIF	PIFSET	REG55
	369875.89	7698.36	0	996	1.6196	1.6215	994	996	2	0	2

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DISPLAYS:	TIME	MODE	VERBNOUN	H	HDOT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
	369876.18	65	6 60	53	- 27	- 0 18	0	151	0 73	2	- 1

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ATTITUDE:	COUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRED
	369876.76	2.8674	1.2524	- 0.1647	0.0101	- 0.0083	0.0233		
	369876.76	1.7138	1.4611	- 0.1098	0.0000	- 0.1318	0.0439		

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	TIME	MASS	RN				VN				ALTITUDE
AGC	369876.759	+ 7689.90	+ 1354945.9	+ 1001435.9	+ 418595.9	- 3.53	+ 2.83	+ 1.07	+ 14.31		
ENV	369876.759	+ 7641.53	+ 1354974.3	+ 998662.7	+ 425078.3	- 3.51	+ 2.81	+ 0.74	+ 19.40		
ERR	0.000	48.37	28.3	2773.2	6482.3	0.02	0.02	0.32	5.09		

	IN POUNDS	AND	FOOTS	MASS	AND	FOOTS	MASS	AND	FOOTS	MASS	AND	FOOTS	ALTITUDE
ACC	+16953.15			+ 4445360.8			+ 3285551.1			+ 1373346.4			+ 46.95
ENV	+16846.51			+ 4445454.0			+ 3276452.6			+ 1394614.0			+ 63.67

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PIPTIME: 3.6987676000 05

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P65: VERTICAL  
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PIP: 3.6987676000 05

R AND RG				V AND VG							
1.736071E1249	06	-3.39406249999	D3	4.33499999999	02	-8.59498977661	-D1	-1.30319595336	-01	-4.57777976989	D0
1.43749999999	01	-1.12499999999	00	-4.99999999999	D0	-8.60214233398	-D1	-5.68389892578	-02	4.38690185546	-02

LAND				TTF				CG				AFC				
1.73605749999	06	-3.39299999999	03	4.38624999999	02	2.09516015624	01	0.99	-0.00	0.00	1.62128359079	CC				
TRANSIENT 0.102								0.00 0.99 D.03				-D.00 -0.03 C.99				

UNFC				UNWC							
9.99995972413	-01	1.62565010580	-D3	-2.32646039876	-03	-3.66239854670	-04	-3.25953470657	-02	9.99468563396	-01

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369877.88	7689.90	0	994	1.6246	1.6212	997	994	- 3	0	- 3

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DISPLAYS:	TIME	MODE	VERBNOUN	H	HDOT	TTF	PANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
	369878.18	65	6 60	47	- 27	- 0 20	D	152	0 71	1	- 1

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ATTITUDE:	CDUTIME	CDUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRED
	369878.76	2.8894	1.0986	- 0.1318	0.0096	- 0.1027	- 0.0008		
	369878.76	1.7138	1.3073	- 0.1098	C.0000	- 0.0769	0.0439		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369878.759	+ 7681.91	+ 1354937.9	+ 1001441.9	+ 418597.9	- 3.55	+ 2.83	+ 1.09	+ 12.43
ENV	369878.759	+ 7633.04	+ 1354967.3	+ 998668.4	+ 425079.8	- 3.52	+ 2.82	+ 0.74	+ 17.53
ERR	0.000	48.87	29.3	2773.5	6481.8	0.03	0.01	0.34	5.09

	IN POUNDS	AND	FOOTS							
AGC	+16935.56			+ 4445334.6	+ 3285570.8	+ 1373353.0	- 11.65	+ 9.31	+ 3.58	+ 40.80
ENV	+16827.81			+ 4445430.9	+ 3276471.1	+ 1394618.9	- 11.55	+ 9.27	+ 2.45	+ 57.51

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PIPTIME:	3.6987876000	05		TIIP:	3.6987876000	05
			P65: VERTICAL			

	R AND RG			V AND VG		
1.73606953749	06	-3.39431249999	03	4.24312499999	02	-8.70847702026 -01
1.24999999999	01	-1.24999999999	00	-5.12499999999	00	-8.71658325195 -01

	LANO			TTF		CG		AFC
1.73605749999	06	-3.39312499999	03	4.29499999999	02	2.29516015624	01	0.99 -0.00 0.00
								1.62241514772 00
	TRANSIENT	0.071				0.00 0.99 0.03		
						-0.00 -0.03 0.99		

	UNFC			UNwC		
9.99998658703	-01	7.26152907491	-04	-1.46809174775	-03	-3.66239854670 -04
						-3.25953470657 -02
						9.99468563396 -01

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFSET	REG55
	369879.88	7681.91	0	994	1.6196	1.6224	992	994	2	0	2

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DISPLAYS:	TIME	MODE	VERBNOUN	H	FDCT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
	369880.18	65	6 60	41	- 27	- 0 22	0	153	0 68	0	- 1

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ATTITUDE:	CDUTIME	COUX	COUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRED
	369880.76	2.8894	0.9667	- 0.1208	- 0.0456	- 0.0232	- 0.0382		
	369880.76	1.7138	1.3073	- 0.1098	0.0000	- 0.0878	0.0109		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369880.759	+ 7673.47	+ 1354929.9	+ 1001447.9	+ 418599.9	- 3.55	+ 2.85	+ 1.06	+ 10.56
ENV	369880.759	+ 7624.57	+ 1354960.3	+ 998674.0	+ 425081.3	- 3.52	+ 2.83	+ 0.75	+ 15.65
ERR	0.000	48.90	30.3	2773.9	6481.3	0.02	0.02	0.31	5.09

AGC	IN POUNDS	ENV	ANO FOOTS	+16916.94	+ 4445308.3	+ 3285590.5	+ 1373359.5	- 11.65	+ 9.35	+ 3.50	+ 34.65
				+16809.12	+ 4445407.8	+ 3276489.6	+ 1394623.8	- 11.55	+ 9.29	+ 2.46	+ 51.35

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PIPTIME: 3.69880760000 05

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P65: VERTICAL  
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TIPI: 3.69880760000 05

	R AND RG	V ANO VG
1.736068C6249	06 -3.39456249999 03 4.15124999999 02 -8.68320465087 -01 -1.44243240356 -01 -4.59561347961 00	
1.06249999999	01 -1.37499999999 00 -5.12499999999 00 -8.68988C37109 -01 -7.13348388671 -02 2.67028808593 -02	

	LANO	TTF	CG	DFC
1.73605749999	06 -3.39324999999 03 4.20374999999 02 2.49516015624 01 0.99 -0.00 0.00 1.62215903401 00			
			0.00 0.59 0.03	
			-0.00 -0.03 0.99	

	UNFC	UNWC
9.99996113999	-01 2.48308948804 -03 -1.26738035719 -03 -3.66239854670 -04 -3.25953470657 -02 9.99468563396 -01	

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369881.88	7673.47	0	993	1.6246	1.6221	995	993	- 2	0	- 2

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DISPLAYS:	TIME	MODE	VERRNOUN	H	FOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
	369882.18	65	6 60	35	- 28	- 0 24	0	153	0 64	2	- 1

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ATTITUDE:	CDUTIME	CDUX	CDUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRED
	369882.76	2.8015	0.5897	- 0.2197	- 0.0447	0.0294	0.0047		
	369882.76	1.7138	1.3073	- 0.1098	0.0000	- 0.0769	0.0659		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369882.759	+ 7665.04	+ 1354923.9	+ 1001453.9	+ 418601.9	- 3.54	+ 2.85	+ 1.08	+ 8.68
ENV	369882.759	+ 7616.09	+ 1354953.2	+ 998679.7	+ 425082.8	- 3.51	+ 2.84	+ 0.74	+ 13.78
ERR	0.000	48.95	29.2	2774.2	6480.8	0.02	0.01	0.33	5.10

	IN PCUNDS	AND FOOTS	+16899.35	+ 4445288.7	+ 3285610.2	+ 1373366.1	- 11.63	+ 9.37	+ 3.56	+ 28.50
AGC										
ENV			+16790.44	+ 4445384.7	+ 3276508.3	+ 1394628.7	- 11.54	+ 9.32	+ 2.45	+ 45.23

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PIPTIME: 3.6988276000 05      P65: VERTICAL      TPIP: 3.6988276000 05

	R AND RG	V AND VG
1.73606618749	06 -3.39481249999 03 4.05937499999 02 -8.55731964111 -01 -1.29890441894 -01 -4.60104942321 00	
8.74999999999	00 -1.49599999999 00 -5.24999999999 00 -8.56399536132 -01 -5.72204589843 -02 2.05993652343 -02	

	LANO	TTF	CG	AFC
1.73605749999	06 -3.39337499999 03 4.11249999999 02 2.69516015624 01 0.99 -0.00 0.00 1.62085942023 00			
	TRANSIENT 0.054		0.00 0.99 0.03	
			-0.00 -0.03 0.99	

	LNFC	UNWC
9.99998291216	-01 1.60305398537 -03 -9.20750541778 -04 -3.66239854670 -04 -3.25953470657 -02 9.99468563396 -01	

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFSET	REG55
	369883.89	7665.04	- 2	991	1.6296	1.6208	996	991	- 5	0	- 5

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DISPLAYS:	TIME	MODE	VERBNOU	H	HOOT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
	369884.19	65	6 60	29	- 27	- 0 26	C	153	0 59	1	- 0

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ATTITUDE:	CDUTIME	CDUX	COUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	CESIREO
	369884.76	2.7136	1.0766	- 0.1428	- 0.0441	0.0417	0.0297		
	369884.76	1.7138	1.3073	- 0.1098	0.0000	- 0.0659	0.0329		

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	TIME	MASS	RN				VN				ALTITUDE
AGC	369884.759	+ 7656.62	+ 1354915.9	+ 1001459.9	+ 418603.9	- 3.54	+ 2.86	+ 1.09	+ 6.87		
ENV	369884.759	+ 7607.64	+ 1354946.2	+ 998685.4	+ 425084.3	- 3.52	+ 2.84	+ 0.74	+ 11.93		
ERR	0.000	48.97	30.2	2774.5	6480.3	0.01	0.01	0.34	5.05		
AGC	IN PCUNDS	+16879.78	+ 4445262.4	+ 3285629.9	+ 1373372.7	- 11.61	+ 9.39	+ 3.58	+ 22.55		
ENV	AND FOOTS	+16771.80	+ 4445361.6	+ 3276526.9	+ 1394633.6	- 11.55	+ 9.34	+ 2.44	+ 39.15		

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PIPTIME: 3.6988476000 05

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P65: VERTICAL  
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TPIP: 3.6988476000 05

R AND RG				V AND VG							
1.73606437499	06	-3.39506249999	03	3.96749999999	02	-8.46767425537	-01	-1.25503540039	-01	-4.60591316223	00
6.87499999999	00	-1.62499999999	00	-5.24999999999	00	-8.47244262695	-01	-5.26428222656	-02	1.56402587890	-02

LAND				TTF				CG				AFC			
1.73605749999	06	-3.39349999999	03	4.02124999999	02	2.89516015624	01	0.99	-0.00	0.00	1.61997973918	00	0.00	0.99	0.03
TRANSIENT 0.023								-0.00 -0.03 0.99							

UNFC				UNWC							
9.99998941736	-01	1.31363978169	-03	-6.25200552556	-04	-3.66239854670	-04	-3.25953470657	-02	9.99468563396	-01

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369885.87	7656.62	0	989	1.6246	1.6199	990	989	- 1	0	- 1

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DISPLAYS:	TIME	MODE	VERBNOUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
	369886.18	65	6 60	23	- 27	- 0 28	0	153	0 52	1	- 1

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ALTITUDE:	CDUTIME	CDUX	COUY	CDUZ	OMEGAX	OMEGAY	CMEGAZ	ACTUAL	DES IRED
	369886.76	2.6257	1.1645	- 0.1098	- 0.0454	0.0395	- 0.0240		
	369886.76	1.7138	1.3073	- 0.1098	0.0000	- 0.0659	0.0329		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369886.759	+ 7648.67	+ 1354909.9	+ 1001465.9	+ 418605.6	- 3.55	+ 2.87	+ 1.08	+ 4.99
ENV	369886.759	+ 7599.22	+ 1354939.1	+ 998691.1	+ 425085.8	- 3.53	+ 2.85	+ 0.74	+ 10.06
ERR	0.000	49.45	29.1	2774.8	6479.8	0.01	0.02	0.33	5.06

	IN POUNDS AND FOOTS	+16862.26 +16753.24	+ 4445242.7 + 4445338.5	+ 3285649.6 + 3276545.6	+ 1373379.2 + 1394638.5	- 11.66 - 11.60	+ 9.43 + 9.35	+ 3.54 + 2.44	+ 16.40 + 33.03
AGC									
ENV									

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PIPTIME:	3.6588676000	05		TPIP:	3.6988676000	05
			P65: VERTICAL			

	R AND RG					V AND VG					
1.7360624999	06	-3.3953124999	03	3.8749999999	02	-8.54253768920	-01	-1.42908096313	-01	-4.61893081665	00
4.9999999999	00	-1.7499999999	00	-5.3749999995	00	-8.54873657226	-01	-7.05718994140	-02	3.43322753906	-03

	LAND					TTF	CG	AFC		
1.7360574999	06	-3.3536249999	03	3.5299999999	02	3.09516015624	01	0.99 -0.00 0.00	1.62074575200	00
								0.00 0.99 0.03		
		TRANSIENT	0.076					-0.00 -0.03 0.99		

	UNFC					UNWC					
9.99997122374	-01	2.39331365123	-03	1.65204723824	-04	-3.66239854670	-04	-3.25953470657	-02	9.95468563396	-01

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	PEG55
	369887.87	7648.67	0	989	1.6196	1.6207	588	989	1	0	1

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DISPLAYS:	TIME	MODE	VERBNOU	H	HDOT	TTF	RANGE	ARVEL	TTF LPD	VHORIZ	DELTAH
	369888.17	65	6 60	16	- 27	- 0 30	0	154	0 42	2	- 1

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ATTITUDE:	COUTIME	COUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRED
	369888.76	2.5378	1.1425	- 0.1867	- 0.0449	- 0.0633	- 0.0094		
	369888.76	1.713R	1.3073	- 0.1098	0.0000	- 0.0878	0.0439		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369888.759	+ 7640.73	+ 1354901.9	+ 1001469.9	+ 418607.9	- 3.56	+ 2.87	+ 1.08	+ 3.12
ENV	369888.759	+ 7590.80	+ 1354932.0	+ 998696.8	+ 425087.3	- 3.55	+ 2.85	+ 0.74	+ 8.18
ERR	0.000	49.92	30.0	2773.1	6479.3	0.01	0.01	0.33	5.05

	IN POUNDS								
AGC	16844.75	+ 4445216.5	+ 3285662.7	+ 1373385.8	- 11.68	+ 9.42	+ 3.55	+ 10.25	
ENV	16734.68	+ 4445315.2	+ 3276564.4	+ 1394643.4	- 11.65	+ 9.37	+ 2.44	+ 26.84	

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PIPTIME:					PTIP:		
3.6988876000	05		P65: VERTICAL		3.6988876000	05	

		R AND RG			V AND VG						
1.73606062499	06	-3.39562499999	03	3.78249999999	02	-8.61644744873	-01	-1.38425827026	-01	-4.62164878845	00
3.12499999999	00	-1.99999999999	00	-5.49999999999	00	-8.62121582031	-01	-6.59942626953	-02	7.62939453125	-04

		LANO		TTF		CG		AFG		
1.73605749999	06	-3.39374999999	03	3.83874999999	02	3.29516015624	01	0.99 -0.00 0.00	1.62147218361	00
						0.00 0.99 0.03				
		TRANSIENT	0.018			-0.00 -0.03 0.99				

		UNFC		UNWC							
9.99997747918	-01	2.10218705910	-03	2.91491784834	-04	-3.66239854670	-04	-3.25953470657	-02	9.99468563396	-01

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFG	FP	FC	PIF	PIFSET	REG55
369888.87	7640.73	0	988	1.6196	1.6214	587	988	1	0	1	

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DISPLAYS:	TIME	MOOE	VERBNOU	H	FOCT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	OELTAP
369890.18	65	6	60	10	- 27	- 0 32	0	154	0 29	1	- 1

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ATTITUDE:	CDUTIME	CDUX	COUY	COUZ	OMFGAX	OMEGAY	OMEGAZ	ACTUAL	DESIREO
369890.76	2.4499	0.9997	- 0.1757	- 0.0444	- 0.0738	0.0127			
369890.76	1.7138	1.3073	- 0.1098	0.0000	- 0.0769	0.0439			

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	TIME	MASS	RN				VN			ALTITUDE
AGC	369890.759	+ 7634.20	+ 1354893.9	+ 1001475.9	+ 418609.9	- 4.08	+ 2.49	+ 0.94	+ 0.74	
ENV	369890.759	+ 7584.12	+ 1354924.8	+ 998702.4	+ 425088.7	- 4.06	+ 2.49	+ 0.58	+ 6.12	
ERR	0.000	50.07	30.8	2773.5	6478.7	0.02	0.00	0.35	5.37	

	IN PCUNOS AND FOOTS	MASS	RN				VN			ALTITUDE
AGC	+16830.35	+ 4445190.2	+ 3285682.4	+ 1373392.3	- 13.40	+ 8.19	+ 3.08	+ 2.46		
ENV	+16719.95	+ 4445291.4	+ 3276582.8	+ 1394648.1	- 13.32	+ 8.17	+ 1.91	+ 20.08		

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PIPTIME: 3.69890760000 05

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P65: VERTICAL  
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TIIP: 3.69890760000 05

	R AND RG	V AND VG				
1.73605824999	06 -3.39587499999 03	3.68999999999	02 -1.52058601379	00 -1.23977661132	-01 -4.63614463806	00
7.49999999999	-01 -2.12499999999 00	-5.62499999999	00 -1.52091579980	00 -5.34057617187	-02 -1.37329101562	-02

	LANO	TTF	CG	AFC	
1.73605749999	06 -3.39387499999 03	3.74749999999 02	3.49516015624 01	0.99 -0.00 0.00	1.68734230101 00
				0.00 0.99 0.03	
	TRANSIENT 0.071			-0.00 -0.03 0.99	

	UNFC	UNWC		
9.99998679819	-01 1.17288463470 -03	1.124589385C3 -03 -3.66239854670 -04	-3.25953470657 -02	9.99468563396 -01

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THRATTLE:	TIME	MASS	FWEIGHT	FCOLO	DF	AFC	FP	FC	PIF	PIFSET	REG55
	369891.54	7634.20	118	1027	1.2997	1.6873	792	1027	235	0	235

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DISPLAYS:	TIME	MODE	VERBNOUN	H	DDOT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
	369891.76	65	6 60	2	- 49	- 0 34	0	160	0 8	1	0

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ATTITUDE:	COUTIME	COHX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRED
	369892.76	2.4389	- 0.0109	0.1208	0.0000	0.0001	- 0.0000		
	369892.76	1.7138	1.3073	- 0.1098	0.0000	0.0000	0.0000		

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	TIME	MASS	RN				VN				ALTITUDE
AGC	369892.759	+ 7622.08	+ 1354887.9	+ 1001481.9	+ 418611.9	- 2.91	+ 3.34	+ 1.71	-	0.68	
ENV	369892.759	+ 7584.12	+ 1354919.0	+ 998709.1	+ 425091.4	- 2.88	+ 3.34	+ 1.35	+	6.11	
ERR	0.000	37.96	31.0	2772.8	6479.4	0.02	0.00	0.36		6.80	

AGC	IN PCUNOS	+16803.64	+ 4445170.6	+ 3285702.0	+ 1373398.9	- 9.56	+ 10.97	+ 5.63	-	2.25
ENV	AND FC0TS	+16719.95	+ 4445272.5	+ 3276604.8	+ 1394657.0	- 9.47	+ 10.96	+ 4.43	+	20.06

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PIPTIME:	3.6989276000	05		P65: VERTICAL		TIPT:	3.6989276000	05
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R AND RG				V AND VG							
1.7360561249	06	-3.39574999999	03	3.59624999999	02	7.15732574462	-02	2.59971618652	-01	-4.75077629089	00
-6.24999999999	-01	-1.87499999999	00	-5.87499999999	00	7.01904296875	-02	3.29208374023	-01	-1.41906738281	-01

LAND				TTF				CG				AFC			
1.73605749999	06	-3.39399999999	03	3.65624999999	02	3.69516015624	01	0.99	-0.00	0.00	1.52864726260	00	0.00	0.99	0.03
								-0.00	-0.03	0.99					

TRANSIENT 1.495

UNFC				UNWC							
9.99678523742	-01	-2.37910627464	-02	8.76552920010	-03	-3.66239654670	-04	-3.25953470657	-02	9.99468563396	-01

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	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	P1F	P1FSET	REG55
THROTTLE:	369893.38	7622.08	- 306	929	2.4294	1.5286	1596	929	- 667	0	- 667

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	TIME	MODE	VERBNOUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
OISPLAYS:	369893.61	65	6 60	- 1	2	- 0 36	0	156	0 55	11	0

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	CDUTIME	COUX	CDUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369894.76	2.4389	- 0.0109	0.1208	0.0000	0.0001	- 0.0000	
	369894.76	1.7138	1.3073	- 0.1098	0.0000	0.0000	0.0000	DESIRED

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	TIME	MASS	PN			VN			ALTITUDE
AGC	369894.759	+ 7613.70	+ 1354981.9	+ 1001487.9	+ 418615.9	- 2.90	+ 3.33	+ 1.72	- 0.56
ENV	369894.759	+ 7584.12	+ 1354913.2	+ 998715.8	+ 425094.1	- 2.88	+ 3.34	+ 1.35	+ 6.11
ERP	0.000	29.58	31.2	2777.1	6478.1	0.02	0.00	0.37	6.67

	IN POUNDS								
AGC	+16785.17	+ 4445150.9	+ 3285721.7	+ 1373412.0	- 9.54	+ 10.95	+ 5.67	- 1.84	
ENV	+16719.95	+ 4445253.5	+ 3276626.7	+ 1394665.9	- 9.47	+ 10.96	+ 4.43	+ 20.06	

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PIPTIME:	3.69894760000	05		TPIP:	3.69894760000	05
			P65: VEPTICAL			

	R AND PG				V AND VG			
1.73605653749	06	-3.39518749999	03	3.50124999999	02 7.41481781005 -02	2.74372100830 -01	-4.74543571472	00
-4.99999999999	-01	-1.24999999999	00	-6.24999999999	00 7.28607177734 -02	3.44085693359 -01	-1.36947631835	-01

	LANO	TTF	CG	AFC				
1.73605749999	06	-3.39412499999	03	3.56459999999	02 3.89516015624 01	0.99 -0.00 0.00	1.52840744704	00
						0.00 0.99 0.03		
						-0.00 -0.03 0.99		

	UNFC	UNWC		
9.99658105910	-01 -2.47575417118 -02	8.41043488748 -03 -3.66239854670 -04	-3.25953470657 -02	9.99468563396 -01

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THPOTTL:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFSET	PEG55
	369895.35	7613.70	100	928	1.6246	1.5284	681	928	248	C	248

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OISPLAYS:	TIME	MODE	VEPRNOUN	H	FOOT	TTF	PANGE	ARVEL	TTF LPD	VHORIZ	DELTAH
	369895.57	65	6 60	- 1	2	- 0 38	0	155	0 55	11	0

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ATTITUDE:	COUTIME	CDUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRED
	369896.76	2.4389	- 0.0109	0.1208	0.0000	0.0001	- 0.0000		
	369896.76	1.7138	1.3073	- 0.1098	0.0000	0.0000	0.0000		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369896.759	+ 7605.34	+ 1354875.9	+ 1001495.9	+ 418619.9	- 2.91	+ 3.33	+ 1.74	- 0.43
ENV	369896.759	+ 7584.12	+ 1354907.5	+ 998722.5	+ 425096.8	- 2.88	+ 3.34	+ 1.35	+ 6.11
ERR	0.000	21.21	31.5	2773.4	6476.8	0.02	0.00	0.39	6.55

	IN POUNDS	MASS	RN			VN			ALTITUDE
AGC	16766.73	+ 4445131.2	+ 3285748.0	+ 1373425.1	- 9.54	+ 10.94	+ 5.72	- 1.43	
ENV	16719.95	+ 4445234.6	+ 3276648.6	+ 1394674.8	- 9.47	+ 10.96	+ 4.43	+ 20.06	

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PIPTIME: 3.6989676000 05

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P65: VERTICAL  
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TPIP: 3.6989676000 05

R AND RG				V AND VG							
1.7360576249	06	-3.39462499999	03	3.40624999999	02	7.67230987548	-02	2.88772583007	-01	-4.75010871887	00
-3.74959999999	-01	-4.99599999999	-01	-6.62499999999	00	7.51495361328	-02	3.58200073242	-01	-1.41906738281	-01

LAND				TTF		CG		AFC				
1.73605749999	06	-3.39424959999	03	3.47374999999	02	4.09516015624	01	0.99	-0.00	0.00	1.52821419760	00
								0.00	0.59	0.03		
TRANSIENT 0.056								-0.00	-0.03	0.99		

UNFC				UNWC							
9.99632036927	-01	-2.56900323517	-02	8.70706528822	-03	-3.66239854670	-04	-3.25953470657	-02	9.99468563396	-01

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	EP	FC	PIF	PIFSET	REG55
	369897.34	7605.34	- 61	927	1.6246	1.5282	1086	927	- 159	0	- 159

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DISPLAYS:	TIME	MODE	VERBNOUN	H	HDOT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
	369897.57	65	6 60	- 0	2	- 0 40	0	156	0 \$\$	12	0

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ATTITUDE:	CDUTIME	CDUX	CDUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
	369898.76	2.4389	- 0.0109	0.1208	0.0000	0.0001	- 0.0000	
	369898.76	1.7138	1.3073	- 0.1098	0.0000	0.0000	0.0000	DESIRE0

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	TIME	MASS	RN				VN				ALTITUDE
AGC	369898.759	+ 7597.44	+ 1354869.9	+ 1001501.9	+ 418623.9	- 2.91	+ 3.32	+ 1.75	-	0.31	
ENV	369898.759	+ 7584.12	+ 1354901.7	+ 998729.2	+ 425099.5	- 2.88	+ 3.34	+ 1.35	+	6.11	
ERR	0.000	13.32	31.7	2772.7	6475.5	0.02	0.01	0.40		6.42	

	IN POUNOS	+16749.32	+ 4445111.5	+ 3285767.7	+ 1373438.3	- 9.55	+ 10.90	+ 5.75	-	1.02
AGC	AND FOOTS	+16719.95	+ 4445215.6	+ 3276670.6	+ 1394683.6	- 9.47	+ 10.96	+ 4.43	+	20.06

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PIPTIME:	3.69898760000	05		TPIP:	3.69898760000	05
			P65: VERTICAL			

	R ANQ RG					V AND VG					
1.73605718749	06	-3.39406249999	03	3.31124999999	02	6.92844350869	-02	3.03173065185	-01	-4.74476814270	00
-2.49999999999	-01	1.24999999999	-01	-7.12499999999	00	6.79016113281	-02	3.72695922851	-01	-1.36947631835	-01

	LANO					TTF	CG			AFC		
1.73605749999	D6	-3.39437499999	03	3.38249999999	02	4.29516015624	01	0.99	-0.00	0.00	1.52897322550	CC
								0.00	0.99	0.03		
								-0.00	-0.03	0.99		

	UNFC					UNWC					
9.99610824423	-01	-2.66183610399	-02	8.34640943136	-03	-3.66239854670	-04	-3.25953470657	-02	9.99468563396	-01

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THRITTLE:	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFSET	REG55
	369899.34	7597.44	2	926	1.6196	1.5289	920	926	7	D	7

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DISPLAYS:	TIME	MODE	VERBNOU	H	HDOT	TTF	RANGE	ARVEL	TTF LPO	VHORIZ	DELTA P	
	369899.56	65	6 60	-	0	2	- 0 42	0	156	0 \$	12	0

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ATTITUDE:	CDUTIME	CDUX	COUY	CDUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
	369900.76	2.4389	- 0.0109	C.1208	C.0000	C.0001	- 0.0000	
	369900.76	1.7138	1.3073	- 0.1098	0.0000	0.0000	0.0000	DESIRED

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369900.759	+ 7589.09	+ 1354863.9	+ 1001507.9	+ 418625.9	- 2.91	+ 3.32	+ 1.76	- 0.18
ENV	369900.759	+ 7584.12	+ 1354895.9	+ 998735.8	+ 425102.2	- 2.88	+ 3.34	+ 1.35	+ 6.11
ERR	0.000	4.97	31.9	2772.1	6476.2	0.02	0.02	0.41	6.30
AGC	IN PCUNDS	+16730.92	+ 4445091.8	+ 3285787.4	+ 1373444.8	- 9.56	+ 10.90	+ 5.80	- 0.61
ENV	AND FEET	+16719.95	+ 4445196.6	+ 3276692.5	+ 1394692.5	- 9.47	+ 10.96	+ 4.43	+ 20.06

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PIPTIME: 3.69900760000 05

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 P65: VERTICAL  
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TPIP: 3.69900760000 05

R AND RG				V AND VG							
1.73605731249	06	-3.39343749999	03	3.21624999999	02	7.18593597412	-02	3.17573547363	-01	-4.74939346313	00
-1.24999999999	-01	8.74999999999	-01	-7.49599999999	00	7.01904296875	-02	3.86810302734	-01	-1.41906738281	-01

LANO				TTF		CG		AFC				
1.73605749999	06	-3.39449999999	03	3.29124999999	02	4.49516015624	01	0.99	-0.00	0.00	1.52878230437	00
								0.00	0.99	0.03		
								-0.00	-0.03	0.99		

UNFC				UNWC							
9.99583234688	-01	-2.75537453217	-02	8.61092615751	-03	-3.66239854670	-04	-3.25953470657	-02	9.99468563396	-01

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THRITTLE:	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369901.34	7589.09	- 22	925	1.6246	1.5287	986	925	- 61	0	- 61

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OISPLAYS:	TIME	MOOE	VERBNOUN	H	HOOT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
	369901.57	65	6 60	- 0	2	- 0 44	0	156	0 0	13	0

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ATTITUDE:	COUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL
	369902.76	2.4389	- 0.0109	0.1208	0.0000	0.0001	- 0.0000	
	369902.76	1.7138	1.3073	- 0.1098	0.0000	0.0000	0.0000	DESIRE0

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	TIME	MASS	RN				VN				ALTITUDE
AGC	369902.759	+ 7580.75	+ 1354857.9	+ 1001515.9	+ 418629.9	- 2.90	+ 3.31	+ 1.78	-	0.06	
ENV	369902.759	+ 7594.12	+ 1354890.1	+ 998742.5	+ 425105.0	- 2.88	+ 3.34	+ 1.35	+	6.11	
ERR	0.000	3.36	32.1	2773.4	6475.0	0.02	0.02	0.42		6.17	
AGC	IN POUNDS	+16712.53	+ 4445072.1	+ 3285813.6	+ 1373458.0	- 9.54	+ 10.87	+ 5.84	-	0.20	
ENV	ANO FOOT5	+16719.95	+ 4445177.7	+ 3276714.4	+ 1394701.4	- 9.47	+ 10.96	+ 4.43	+	20.06	

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PIPTIME: 3.69902760000 05

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P65: VERTICAL  
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TIPT: 3.69902760000 05

	R AND RG	V AND VG
1.73605743749 06	-3.39281249999 03 1.49999999999 00	3.31212499999 02 7.44342803955 -02 4.01687622070 -01
0.0		-4.74395751953 00 -1.37329101562 -01

	LANO	TTF	CG	AFC
1.73605749999 06	-3.39462499999 03	3.19999999999 02	4.69516015624 01	0.99 -0.00 0.00 0.00 0.99 0.03 -0.00 -0.03 0.99
	TRANSIENT 0.058			

	UNFC	UNWC
9.99558909297 -01	-2.85206151274 -02	8.28017858537 -03 -3.66239854670 -04 -3.25953470657 -02
		9.99468563396 -01

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFSET	REG55
	369903.34	7580.75	- 14	924	1.6246	1.5285	960	924	- 36	0	- 36

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DISPLAYS:	TIME	MODE	VERBNOUN	H	HOOT	TTF	RANGE	ARVEL	TTF LPO	VHORIZ	DELTAH
	369903.56	65	6 60	0	2	- 0 46	0	156	0 0	13	0

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ATTITUDE:	CDUTIME	COUX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRED
	369904.76	2.4389	- 0.0109	0.1208	0.0000	0.0001	- 0.0000		
	369904.76	1.7138	1.3073	- 0.1098	0.0000	0.0000	0.0000		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369904.759	+ 7572.42	+ 1354851.9	+ 1001521.9	+ 418633.9	- 2.90	+ 3.31	+ 1.79	+ 0.06
ENV	369904.759	+ 7584.12	+ 1354884.3	+ 998749.2	+ 425107.7	- 2.88	+ 3.34	+ 1.35	+ 6.11
ERR	0.000	11.69	32.3	2772.7	6473.7	0.02	0.02	0.44	6.05

	IN POUNDS	ANO	FOOTS							
ACC	+16694.16	+ 4445052.4	+ 3285833.3	+ 1373471.1	- 9.54	+ 10.87	+ 5.89	+ 0.20		
ENV	+16719.95	+ 4445158.7	+ 3276736.4	+ 1394710.3	- 9.47	+ 10.96	+ 4.43	+ 20.06		

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PIPTIME: 3.69904760000 05

|||||  
P65: VERTICAL  
|||||

PTIP: 3.69904760000 05

	R AND RG				V ANO VG			
1.73605756249	06 -3.39212499999	03 3.02624999999	02 7.70092010498	-02 3.46374511718	-01 -4.74853515625	00		
1.24999999999	-01 2.37499999999	00 -8.24999999999	00 7.55310058593	-02 4.15802001953	-01 -1.42288208007	-01		

	LANO				TTF				CG				AFC
1.73605749999	06 -3.39474999999	03 3.10874999999	02 4.89516015624	01 0.99	-0.00	0.00	1.52832362800	0.00	0.59	0.03			
	TRANSIENT 0.056							-0.00	-0.03	0.99			

	UNFC				UNWC			
9.99529271379	-01 -2.94571545146	-02 8.57389664918	-03 -3.66239854670	-04 -3.25953470657	-02 9.99468563396	-01		

\*\*\*\*\*

	TIME	MASS	FWEIGHT	FCOLD	AF	AFC	FP	FC	PIF	PIPSET	REG55
THROTTLE:	369905.35	7572.42	- 16	923	1.6246	1.5283	967	923	- 44	0	- 44

\*\*\*\*\*

	TIME	MODE	VERBNOUN	H	FDOT	TTF	RANGE	ALEVEL	TTF LPO	VHORIZ	DELTAH
DISPLAYS:	369905.57	65	6 60	0	2	- 0 48	0	156	0 0	14	0

\*\*\*\*\*

	CDUTIME	COUX	CDUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRED
ALTITUDE:	369906.76	2.4389	- 0.0109	0.1208	0.0000	0.0001	- 0.0000		
	369906.76	1.7138	1.3073	- 0.1098	0.0000	0.0000	0.0000		

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	TIME	MASS	RN				VN			ALTITUDE
ACC	369906.759	+ 7564.10	+ 1354845.9	+ 1001527.9	+ 418637.9	- 2.91	+ 3.31	+ 1.81	+ 0.24	
ENV	369906.759	+ 7584.12	+ 1354878.6	+ 998755.9	+ 425110.4	- 2.88	+ 3.34	+ 1.35	+ 6.11	
ERR	0.000	20.02	32.6	2772.0	6472.4	0.02	0.03	0.45	5.86	

	IN POUNDS	AND FEET	+16675.81	+ 4445032.8	+ 3285853.0	+ 1373484.2	- 9.54	+ 10.86	+ 5.94	+ 0.82
AGC										
ENV			+16719.95	+ 4445139.8	+ 3276758.3	+ 1394719.2	- 9.47	+ 10.96	+ 4.43	+ 20.06

\*\*\*\*\*

PIPTIME: 3.6990676000 05 P65: VERTICAL TP1P: 3.69906760000 05

	R AND RG	V AND VG
1.73605774999	06 -3.39143749999 03 2.93124999999 02 7.95841217041 -02	3.60774993896 -01 -4.75311279296 00
2.49959999999	-01 3.24999999999 00 -8.62499999995 00 7.78198242187 -02	4.29916381835 -01 -1.47247314453 -01

	LANO	TTF	CG	AFC
1.73605749999	06 -3.39487499999 03 3.01749999999 02 5.09516015624 01	0.99 -0.00 0.00	1.52813969179 00	
	TRANSIENT 0.056	0.00 0.99 0.03		
		-0.00 -0.03 0.99		

	UNFC	UNWC
9.99498565392	-01 -3.03962432730 -02 8.87052272358 -03 -3.66239854670 -04	-3.25953470657 -02 9.99468563396 -01

\*\*\*\*\*

	TIME	MASS	FWEIGHT	FCCL0	AF	AFC	FP	FC	PIF	PIFSET	REG55
THROTTLE:	369907.35	7564.10	- 16	922	1.6246	1.5281	564	922	- 42	0	- 42

\*\*\*\*\*

	TIME	MODE	VER8NDUN	H	HOCT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	OELTAF
OISPLAYS:	369907.57	65	6 60	1	3	- 0 50	0	156	0 2	14	0

\*\*\*\*\*

	COUTIME	COIX	COUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIRE0
ATTITUDE:	369908.76	2.4389	- 0.0109	0.1208	0.0000	0.0001	- 0.0000		
	369908.76	1.7138	1.3073	- 0.1098	0.0000	0.0000	0.0000		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369908.759	+ 7556.24	+ 1354839.9	+ 1001535.9	+ 418639.9	- 2.91	+ 3.29	+ 1.82	+ 0.37
ENV	369908.759	+ 7584.12	+ 1354872.8	+ 998762.6	+ 425113.1	- 2.88	+ 3.34	+ 1.35	+ 6.11
ERR	0.000	27.87	32.8	2773.3	6473.1	0.02	0.04	0.46	5.74

	IN POUNDS	ALTITUDE	RN			VN			ALTITUDE
ACC	16658.50	+ 4445013.1	+ 3285879.2	+ 1373490.8	- 9.55	+ 10.82	+ 5.97	+ 1.23	
ENV	16719.95	+ 4445120.8	+ 3276780.2	+ 1394728.0	- 9.47	+ 10.96	+ 4.43	+ 20.06	

\*\*\*\*\*

PIPTIME: 3.6990876000 05

|||||  
P65: VERTICAL  
|||||

TIPT: 3.6990876000 05

	R AND RG	V AND VG		
1.73605787499	06 -3.39068749999 03	2.83624999999	02 7.21454620361 -02	3.75175476074 -01 -4.74767684936 00
3.74999999999	-01 4.12499999999 00	-9.12499999999	00 7.05718994140 -02	4.44793701171 -01 -1.42288208007 -01

	LAND	TTF	CG	AFC
1.73605749999	06 -3.39499999999 03	2.92624999999	02 5.29516015624 01	0.99 -0.00 0.00 1.52890104800 00
				0.00 0.99 0.03
	TRANSIENT 0.057			-0.00 -0.03 0.99

	UNFC	UNWC
9.99472539546	-01 -3.13404979093 -02	8.50975229918 -03 -3.66239854670 -04 -3.25953470657 -02 9.99468563396 -01

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	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
THRITTLE:	369909.35	7556.24	- 14	921	1.6196	1.5289	960	921	- 39	0	- 39

\*\*\*\*\*

	TIME	MODE	VERBNOUN	H	HDQT	TTF	RANGE	ABVEL	TTF LPO	VHORIZ	DELTAH
DISPLAYS:	369909.57	65	6 60	1	2	- 0 52	0	156	0 2	15	0

\*\*\*\*\*

	CDUIME	CDUX	COUY	COUZ	OMEGA X	OMEGAY	OMEGAZ	ACTUAL
ATTITUDE:	369910.76	2.4389	- 0.0109	0.1208	0.0000	0.0001	- 0.0000	
	369910.76	1.7138	1.3073	- 0.1098	0.0000	0.0000	0.0000	DESIREO

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369910.759	+ 7547.94	+ 1354833.9	+ 1001541.9	+ 418643.9	- 2.91	+ 3.30	+ 1.82	+ 0.49
ENV	369910.759	+ 7584.12	+ 1354867.0	+ 998769.3	+ 425115.8	- 2.88	+ 3.34	+ 1.35	+ 6.11
ERR	0.000	36.17	33.0	2772.6	6471.8	0.02	0.04	0.47	5.61

	IN POUNDS	AND FOOTS							
AGC	+16640.19	+ 4444993.4	+ 3285898.9	+ 1373503.9	- 9.55	+ 10.83	+ 5.99	+ 1.64	
ENV	+16719.95	+ 4445101.9	+ 3276802.2	+ 1394736.9	- 9.47	+ 10.96	+ 4.43	+ 20.06	

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PIPTIME:	3.6991076000	05		TPIP:	3.6991076000	05
			P65: VERTICAL			

	R AND RG			V AND VG			
1.7360575999	06	-3.3899374999	03	2.7412499999	02	7.4720382690	-02
4.9599999999	-01	4.9999999999	00	-9.4995999995	00	7.3242187500	-02
						3.79562377929	-01
						4.48989868164	-01
						-4.75220680236	00
						-1.46865844726	-01

	LAND		TTF	CG	AFC		
1.7360574999	06	-3.3951249999	03	2.8345999999	02	5.49516015624	01
						0.99	-0.00
						0.00	0.99
						-0.00	-0.03
						0.00	0.99

	UNFC		UNWC				
9.99461105068	-01	-3.16320249286	-02	8.77008857564	-03	-3.66239854670	-04
						-3.25953470657	-02
						9.99468563396	-01

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THROTTLE:	TIME	MASS	FWEIGHT	FCOLO	AF	AFC	FP	FC	PIF	PIFPSET	REG55
	369911.38	7547.94	- 18	920	1.6246	1.5286	964	920	- 44	0	- 44

\*\*\*\*\*

DISPLAYS:	TIME	MODE	VERBNOU	H	FDOCT	TTF	RANGE	ABVEL	TTF LPD	VHORIZ	DELTAH
	369911.61	65	6 60	2	2	- 0 54	0	156	0 3	15	0

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ATTITUDE:	COUTIME	CDUX	CDUY	COUZ	OMEGAX	OMEGAY	OMEGAZ	ACTUAL	DESIREO
	369912.76	2.4389	- 0.0109	0.1208	0.0000	0.0001	- 0.0000		
	369912.76	1.7138	1.3073	- 0.1098	0.0000	0.0000	0.0000		

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	TIME	MASS	RN			VN			ALTITUDE
AGC	369912.759	+ 7539.64	+ 1354827.9	+ 1001547.9	+ 418647.9	- 2.90	+ 3.29	+ 1.83	+ 0.62
ENV	369912.759	+ 7584.12	+ 1354861.2	+ 998775.9	+ 425118.5	- 2.88	+ 3.34	+ 1.35	+ 6.11
ERR	0.000	44.47	33.2	2772.0	6470.5	0.01	0.04	0.48	5.49

ACC	IN PCUNOS	+16621.91	+ 4444573.7	+ 3285918.6	+ 1373517.0	- 9.54	+ 10.80	+ 6.03	+ 2.05
ENV	AND FOOTS	+16719.95	+ 4445082.9	+ 3276824.1	+ 1394745.8	- 9.47	+ 10.96	+ 4.43	+ 20.06

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MAXIMUM VALUES AND WHEN THEY OCCURED:

MODE	MAXIMUM TRANSIENTS			TIME
64	7.58193529725	00	DEGREES	3.6968276000 05
65	1.49598376003	00	DEGREES	3.6989276000 05
65	1.15238160997	00	DEGREES	3.6984876000 05
65	1.05522617144	00	DEGREES	3.6985076000 05
64	1.02230134020	00	DEGREES	3.6968476000 05
65	8.19159773180	-01	DEGREES	3.6985276000 05
64	7.93716465518	-01	DEGREES	3.6968676000 05
64	6.85331070990	-01	DEGREES	3.6973276000 05
64	6.84143648304	-01	DEGREES	3.6976876000 05
64	6.55003088426	-01	DEGREES	3.6972476000 05
64	6.47331055067	-01	DEGREES	3.6973876000 05
64	6.42393576235	-01	DEGREES	3.6976476000 05
64	6.30825867868	-01	DEGREES	3.6969676000 05
64	6.28533499444	-01	DEGREES	3.6973076000 05
64	6.28489669502	-01	DEGREES	3.6974076000 05
64	6.22026376324	-01	DEGREES	3.6974276000 05
64	6.20604341646	-01	DEGREES	3.6973676000 05
64	6.19357116226	-01	DEGREES	3.6976076000 05
64	6.17429851271	-01	DEGREES	3.6973476000 05
63	6.17043951117	-01	DEGREES	3.6961876000 05
64	6.15153108773	-01	DEGREES	3.6975876000 05
64	6.12047570099	-01	DEGREES	3.6971876000 05
64	6.11796782072	-01	DEGREES	3.6977476000 05
64	6.10006131364	-01	DEGREES	3.6970076000 05

\*\*\*\*\*

TIME = 369913.066669

\*\*\* THE MARSROT TAPE USED IN THIS JOB STEP HAS BEEN SAVED.

MAIN PROGRAM REENTERED AT ENTRY #2





## MAC PCST MORTEM ANALYSIS

TERMINATION CONOITIGN: SUBROUTINE RETURN PUSH00WN LIST EMPTY

CONTROLLING MAC PROGRAM AT TERMINATION WAS E0IT.CONTROL

BLCK # 1

BLOCK ADDRESS 384 (HEXADECIMAL) 900 (DECIMAL)

PROGRAM TERMINATED AT STATEMENT M#002800

CONTENTS OF SUBROUTINE RETURN PUSH00WN LIST (STARTING WITH THE NEWEST ENTRY):

EMPTY

## CURRENT FILE INDEX SETTINGS:

DATAFILE READ	1
DATAFILE WRITE	1
CALLFILE READ	0
CALLFILE WRITE	0

RUN TIME WAS 84.75 SECONOS. THERE WERE 0 PBLK LCA0S

END OF MAC OBJECT TIME JOB STEP

IEF2851	SYST.MACPAC	KEPT
IEF2851	VOL SER NOS= SYSLIB.	
IEF2851	SYSI.MACEXT	KEPT
IEF2851	VOL SER NOS= SYSLIB.	
IEF2851	SYS69207.T025209.SV000.A082544.R0000001	SYSOUT
IEF2851	VOL SER NOS= SYSIO1.	
IEF2851	SYS69207.T025209.SV000.A082544.R0000002	SYSOUT
IEF2851	VCL SER NOS= SYSIO1.	
IEF2851	SYSI.SIMADF	KEPT
IEF2851	VOL SER NOS= SYS16A.	
IEF2851	SYSL.SIMADFI	KEPT
IEF2851	VOL SER NOS= SYS16A.	
IEF2851	SYS69207.T025209.RV000.A082544.R0000003	DELETED
IEF2851	VOL SER NCS= WRKDRM.	
IEF2851	SYSI.MACEXT	KEPT
IEF2851	VOL SER NOS= SYSLIB.	
IEF2851	AGCSIM.ADATA	KEPT
IEF2851	VCL SER NOS= STOR02.	
IEF2851	MACPROG.COMMON.INPUTPRG	KEPT
IEF2851	VOL SER NOS= MCP001.	
IEF2851	MACPROG.COMMON.IMURLK2	KEPT
IEF2851	VOL SER NOS= MCP002.	
IEF2851	MACPROG.COMMON.FILEPLOT	KEPT
IEF2851	VCL SER NOS= MCP004.	
IEF2851	MACPROG.COMMON.ATTEDIT	KEPT
IEF2851	VOL SER NOS= MCP005.	
IEF2851	MACPROG.COMMON.JUNKEDIT	KEPT
IEF2851	VCL SER NOS= MCP006.	
IEF2841	SYS69207.T025209.RV000.A082544.R0000009	NOT DELETED 8
IEF2841	VOL SER NOS= PLCT01 I.	
IEF2851	SYS.PLOT.CATLG	KEPT
IEF2851	VOL SER NOS= PLOT01.	
IEF2851	SYS69207.T025209.RV000.A082544.R0000010	DELETED
IEF2851	VOL SER NOS= WRKDRM.	
IEF2851	SYS69207.T025209.RV000.A082544.R0000011	DELETED
IEF2851	VCL SER NOS= WRKDRM.	
IEF2851	AGCPR0G.LMY99.R001	KEPT
IEF2851	VCL SER NOS= AGC802.	
IEF2851	SYS69207.T025209.RV000.A082544.R0000013	DELETED
IEF2851	VOL SER NOS= SYSIO3.	
IEF2851	SYS69207.T025209.RV000.A082544.R0000014	DELETED
IEF2851	VOL SER NOS= SYSIO3.	
IEF2851	TAPDIR8	KEPT
IEF2851	VOL SER NOS= STOR01.	
IEF2851	TAPDIR9	KEPT
IEF2851	VOL SER NOS= SYSLIB.	
IEF2851	MARSROTA	KEPT
IEF2851	VOL SER NOS= MT0623.	
IEF2851	MARSROTA	KEPT
IEF2851	VOL SER NOS= MT0348.	
IEF2851	PADEFF	KEPT
IEF2851	VOL SER NOS= STOR02.	
IEF2851	SYS69207.T025209.RV000.A082544.S0000017	SYSIN
IEF2851	VOL SER NOS= SYSIO3.	
IEF2851	SYS69207.T025209.RV000.A082544.S0000017	DELETED
IEF2851	VOL SER NOS= SYSIO3.	
IEF2801 K	OC2,MT0623,A082544,R	
IEF2801 K	OC3,MT0348,A082544,R	
END STEP	1: A082544 R	

SYSTEM CODE=000,USER CODE=0000

STEP TIME: 4.399 MIN 07/26/69 03:01:57

```

// EXEC MACEDIT
XRR EXEC PGM=MACFETCH,REGION=392K,TIME=120,PARM=MACSUPER 00010000
XXMACPAC 00 OSNAME=SYS1.MACPAC,OISP=SHR 00020000
XX 00 OSNAME=SYS1.MACEXT,OISP=SHR 00030000
XXSYSPRINT 00 SYSOUT=A 00040000
XXSYSUUMP 00 SYSOUT=A,SPACE=(TRK,(1,50),RLSE) 00050000
XXSYSPUNCH 00 OUMMY 00060000
XXACF 00 OSNAME=SYS1.SIMAO,DISP=SHR 00070000
XXACF1 00 OSNAME=SYS1.SIMADF1,OISP=SHR 00080000
XXPBF 00 UNIT=2301,SPACE=(CYL,(2,2)) 00090000
XXEXTLIB DD OSNAME=SYS1.MACEXT,OISP=SHR 00100000
XXSIMOAT 00 OSNAME=AGCSIM.AOATA,VOLUME=SER=STOR02,UNIT=2314,DISP=SHR 00110000
XXMAC01A DD VOLUME=SER=MCP001,UNIT=2314,DISP=OL0 00120000
XXMAC01B 00 VOLUME=SER=MCP002,UNIT=2314,OISP=OL0 00130000
XXMAC01D DD VOLUME=SER=MCP004,UNIT=2314,OISP=OL0 00140000
XXMAC03E DD VOLUME=SER=MCP005,UNIT=2314,OISP=OL0 00150000
XXMAC03F DD VOLUME=SER=MCP006,UNIT=2314,OISP=OL0 00160000
XXSYSPLOT DD VOLUME=SER=PLOT01,UNIT=2314,OISP=(OL0,DELETE) 00170000
XXCATLG 00 OSNAME=SYSPLOT.CATLG,DISP=SHR 00180000
XXOISKSYMB 00 UNIT=2301,SPACE=(CYL,(1,1)) 00190000
XXSIMBINXX 00 UNIT=2301,SPACE=(CYL,(1,1)) 00200000
XXSIMDISKP 00 VOLUME=SER=AGCB02,UNIT=2314,OISP=SHR 00210000
XXROLLBACK DD UNIT=SYSDA,SPACE=(CYL,(2,1,4)) 00220000
XXMACSLIB DD UNIT=SYSDA,SPACE=(CYL,(2,1,4)) 00230000
XXTAPEDIR1 00 OSNAME=TAPEIR8,DISP=SHR 00240000
XXTAPEDIR2 DD OSNAME=TAPEIR9,OISP=SHR 00250000
XXMARS01 CO UNIT=(TAPE9,,DEFER),LABEL=(,SL),DISP=(NEW,KEEP) 00260000
XXMARS02 DD UNIT=(TAPE9,,DEFER),LABEL=(,SL),DISP=(NEW,KEEP) 00270000
XXRADEFF05 CC OSNAME=RADEFF,VOL=SER=STOR02,UNIT=2314,DISP=SHR 00280000
//SYSIN 00 *

```

BEGIN STEP 2: REGION=392K MAXTIME= 120.000 PGM=MACFETCH PARM=MACSUPER

07/26/69 03:01:58

```

IEF236I ALLOC. FOR A082544 R
IEF237I MACPAC ON 347
IEF237I ON 347
IEF237I SYSPRINT ON 236
IEF237I SYSUUMP ON 236
IEF237I AOF ON 457
IEF237I AOF1 ON 457
IEF237I PRF ON 100
IEF237I EXTLIB ON 347
IEF237I SIMOAT ON 455
IEF237I MAC01A ON 340
IEF237I MAC01B ON 341
IEF237I MAC010 ON 343
IEF237I MAC03E ON 344
IEF237I MAC03F ON 235
IEF237I SYSPLOT ON 234
IEF237I CATLG ON 234
IEF237I DISKSYMB ON 100
IEF237I SIMBINXX ON 100
IEF237I SIMDISKP ON 454
IEF237I ROLLBACK ON 456
IEF237I MACSLIB ON 456
IEF237I TAPEDIR1 ON 345
IEF237I TAPEDIR2 ON 347
IEF237I MARS01 ON 002
IEF237I MARS02 ON 003

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IEF2371 RADEFFDS ON 455  
IEF2371 SYSIN ON 456

..1

..2

..E





## MAC COLLECT TIME LOADING MAP

COLLECTING FOR SUBPROGRAM MACPRG.EDIT.CONTROL

MAC PROGRAM ALIASES IN EFFECT:

FOR	USED
CCMDN.EDIT1	CCMDN.DCNPLOT

MAC SUBPROGRAMS COLLECTED:

#	NAME	ENTRIES	LVA	CRIGIN	DATE	TIME	VOLUME
1	EDIT.CONTROL	START EXYT ABORT	068F38+008	09/16/68	13:24		MCP004
2	CCMDN.FILEPLOT	START ENDPLOT	089038+058	06/07/68	10:04		MCP004
3	COMMON.DONPLOT	BEGIN	085890+200	07/25/69	19:01		MCP002
4	COMMON.EDIT2		**UNRESOLVED**				
5	COMMON.EDIT3		**UNRESOLVED**				
6	COMMON.EDIT4		**UNRESOLVED**				
7	COMMON.EDIT5		**UNRESOLVED**				
8	COMMON.EDIT6		**UNRESOLVED**				
9	COMMON.EDIT7		**UNRESOLVED**				
10	COMMON.EDIT8		**UNRESOLVED**				
11	COMMON.EDIT9		**UNRESOLVED**				
12	COMMON.EDIT10		**UNRESOLVED**				
13	COMMON.UNIVERSE	MP1	08AEF8+428	02/03/69	9:47		MCP001
14	COMMON.NARCFLC	1	08C508+020	08/31/67	19:02		MCP002
15	COMMON.LETRPLOT	DLCLETR PLDT LETR LABL	08C600+410	03/19/69	10:19		MCP002

## NCONMAC PROGRAMS COLLECTED:

#	NAME	SIZE	
1	MARSROX	16136	RESIDENT
2	AGCEDITM	123068	RESIDENT
3	FPL0T	11016	RESIDENT
4	NARDFLDA	2968	RESIDENT

## COMMON AREA ALLOCATION:

#	NAME	BASE ADDR
1	COMMBLK	08FA80
2	#TEMPAC	0902A8
3	CALLFILE	0912A8

TOTAL NUMBER OF PBLKS COLLECTED: 54

DATA FILE ACTIVATED, SIZE IS LARGE

## DATA FILE COLLECTION LOG

MACDATA.UNIV.EPHM6970	11/01/68	11:11	
RETRIEVED DATA FILE BLOCK	1175	STORED AS ACTIVE FILE BLOCK	1175
	1176		1176
	1177		1177
	1178		1178
	1179		1179
	1180		1180
	1181		1181
	1182		1182
	1183		1183
	1184		1184
	1185		1185
	1186		1186
	1187		1187
	1188		1188
	1189		1189
	1190		1190
	1191		1191
	1192		1192
	1193		1193
	1194		1194
	1195		1195
	1196		1196
	1197		1197
	1198		1198



34 MAC PROGRAM BLOCKS WERE LOADED.

SPACE WAS ALLOCATED FOR 3 DATA BLOCKS.

TOTAL SPACE RELEASED FOR NONMAC PROGRAMS: 161384 (DECIMAL)

TIME ALLOWED FOR THIS RUN STEP IS 7197.01 SECONDS

3"

2"

1"

*	AGCFDIT		EYLES	DUPLICATE LANDING
E	GENERATE	MAC INPUT DATA		
	PREREAD	CFDUMP		1.1
	REALACCS	CFDUMP		1.1
	ENDLLJCB	DUMP A	E7,1777	1.2
	R	DPFIL V	+5	
	LAND	DPFIL LAND	+5	
	CCUX	2SCFILE CDUZ		
	CDUXD	2SCFILE CDUZD		
	HCALC	DPFIL		
	DELTAH	DPFIL		
	REFSMAT	DPFIL REFSMAT	+21	
	LOOKANGL	SPFIL		
	MCDRFG	SPFIL		
	TLAND	DPFIL		
	FC	SPFIL		
	-AZ	DUMP		1.41
	+AZ	DUMP		1.42
	-EL	DUMP		1.43
	+EL	DUMP		1.44

END OF CARD INPUT - EDITING OUTPUT BEGINS ON FOLLOWING PAGE.

## EOIT.CONTROL CARO INPUT REQUESTS PLOTTING.

THE UNIVERSE ROUTINE IS USING DATA FOR THE PERIOD FROM JULY 1, 1969 THROUGH JULY 1970

## UNIVERSE INPUT CAROS (3 OF THEM):

IO IO ID	EPOCH TZERD CONEIG	ORIGIN OUTCTRL PERT	R(X) V(X)	R(Y) V(Y)	R(Z) V(Z)
1.1000000000	01 1.55643483599	01 2.0000000000	00 -1.2769500000	06 1.1486080000	06 4.9755550000
1.1000000000	01 3.6843800000	05 0.0	03 1.1910000000	03 1.0620000000	03 4.5600000000
1.1000000000	01 0.0	00 1.0000000000			

POINT					
3.6915475589C	05 3.0500000000	03 0.0	0.0	0.0	1.18629173325
4.12394702561	01 0.0	03 0.0	0.0	0.0	0.0
0.0	01 1.31591998330	06 1.15360308873	06 3.62380750221	04 1.11629970532	03 -1.27511831874
-2.24484671786	01 4.69113775515	04 4.69113775515	04 5.35534308800	02 0.0	03 5.30980254556
5.56056687290	03				00

EVENT					
3.69154755890	05 2.0000000000	03 0.0	1.31591998330	06 1.15360308873	06 3.62380750221
4.12394702561	01				
1.70000000000	01 5.3000000000	01 2.3000000000	01 3.8000000000	01 3.7000000000	01 9.9900000000

EVENT					
3.69154755890	05 2.0150000000	03 0.0	1.31591998330	06 1.15360308873	06 3.62380750221
4.12394702561	01				
5.00000000000	00 0.0	01 3.4000000000	01 2.2000000000	01 5.1000000000	01 9.9900000000

POINT					
3.69156761186	05 3.1000000000	03 0.0	0.0	0.0	1.18481772725
4.11278981257	01 0.0	03 0.0	0.0	0.0	0.0
0.0	01 1.31916221862	06 1.15103694311	06 3.61929890409	04 1.11387814931	03 -1.27723741289
-2.25149768673	01 4.69009977875	04 4.69009977875	04 5.35534308800	02 0.0	03 5.04254085558
5.56057793482	03				00

POINT					
3.69158761164	05 3.1500000000	03 0.0	0.0	0.0	1.18334317003
4.10166216366	01 0.0	03 0.0	0.0	0.0	0.0
0.0	01 1.3209365222	06 1.14847236420	06 3.61478898963	04 1.11145890031	03 -1.27934619532
-2.25812280164	01 4.68911793834	04 4.68911793834	04 5.35534308800	02 0.0	03 4.77596827743
5.56059845080	03				00

POINT					
3.69160761204	05 3.2000000000	03 0.0	0.0	0.0	1.18186411823
4.09053414656	01 0.0	03 0.0	0.0	0.0	0.0
0.0	01 1.32262029780	06 1.14590548182	06 3.61026569546	04 1.10903547605	03 -1.28145034896
-2.26473989103	01 4.68818938609	04 4.68818938609	04 5.35534308800	02 0.0	03 4.50936883266
5.56059845109	03				00

POINT					
3.69162761164	05 3.2500000000	03 0.0	0.0	0.0	1.18038068111
4.07940654139	01 0.0	03 0.0	0.0	0.0	0.0
0.0	01 1.32484199151	06 1.14333348500	06 3.60572935448	04 1.10660805556	03 -1.28354971837

-2.27134846625	01	4.68731418988	04	4.68731418988	04	5.35534308800	02	0.0	4.24276221206	00
5.56060793495	03									

## POINT

3.69164761190	05	3.30000000000	03	0.0		0.0		0.0	1.17885275773	00
4.06827854915	01	0.0		0.0		0.0		0.0	0.0	
0.0		1.32705888516	06	1.14075719804	06	3.60117965680	04	1.10417647367	03	-1.28564446639
-2.27794857704	01	4.68649228961	04	4.68649228961	04	5.35534308800	02	0.0	3.97613027331	00
5.56061690259	03									

## POINT

3.69166761164	05	3.35000000000	03	0.0		0.0		0.0	1.17740044150	00
4.05715082735	01	0.0		0.0		0.0		0.0	0.0	
0.0		1.32927083993	06	1.13817678210	06	3.59661688684	04	1.10174088315	03	-1.28773440125
-2.28454100853	01	4.68572373742	04	4.68572373742	04	5.35534308800	02	0.0	3.70948977154	00
5.56062535463	03									

## POINT

3.69168761164	05	3.40000000000	03	0.0		0.0		0.0	1.17590367976	00
4.04602254112	01	0.0		0.0		0.0		0.0	0.0	
0.0		1.33147793463	06	1.13559214542	06	3.59204088233	04	1.09930119804	03	-1.28981965679
-2.29112479370	01	4.68500850508	04	4.68500850508	04	5.35534308800	02	0.0	3.44283128761	00
5.56063329016	03									

## POINT

3.69170761164	05	3.45000000000	03	0.0		0.0		0.0	1.17440249787	00
4.03489503818	01	0.0		0.0		0.0		0.0	0.0	
0.0		1.33368013214	06	1.13300333122	06	3.58745171961	04	1.09685745978	03	-1.29190017734
-2.29770022026	01	4.68434660580	04	4.68434660580	04	5.35534308800	02	0.0	3.17615936244	00
5.56064070942	03									

## POINT

3.69172761177	05	3.50000000000	03	0.0		0.0		0.0	1.17289689187	00
4.02376704779	01	0.0		0.0		0.0		0.0	0.0	
0.0		1.33587743870	06	1.13041033203	06	3.58284938525	04	1.09440966200	03	-1.29397596819
-2.30426730522	01	4.68373803835	04	4.68373803835	04	5.35534308800	02	0.0	2.90947330164	00
5.56064761240	03									

## POINT

3.69174761164	05	3.55000000000	03	0.0		0.0		0.0	1.17138689725	00
4.01263919053	01	0.0		0.0		0.0		0.0	0.0	
0.0		1.33806980312	06	1.12781320832	06	3.57823398654	04	1.09195786243	03	-1.29604698038
-2.31082589383	01	4.68318281653	04	4.68318281653	04	5.35534308800	02	0.0	2.64277939230	00
5.56065399892	03									

## POINT

3.69176761243	05	3.60000000000	03	0.0		0.0		0.0	1.16987243079	00
4.00151081301	01	0.0		0.0		0.0		0.0	0.0	
0.0		1.34025734620	06	1.12521181644	06	3.57360526784	04	1.08950192613	03	-1.29811332744
-2.31737634613	01	4.68268091243	04	4.68268091243	04	5.35534308800	02	0.0	2.37606297651	00
5.56065986929	03									

## POINT

3.69178761161	05	3.65000000000	03	0.0		0.0		0.0	1.16835373250	00
3.99038351119	01	0.0		0.0		0.0		0.0	0.0	
0.0		1.34243974809	06	1.12260653980	06	3.56896396436	04	1.08699381492	03	-1.30011385326
-2.32373815952	01	4.68223287627	04	4.68223287627	04	5.34451387879	02	5.41482712376	-01	2.10298418841

5.56041014872 03

## POINT

3.69180761161	05	3.70000000000	03	0.0	0.0	0.0	0.0	1.16682072273	CC
3.97925640688	01	0.0		0.0	0.0	0.0	0.0	0.0	
0.0		1.34461717640	06	1.11999718438	06	3.56430983706	04	1.08446400058	03
-2.33013062309	01	4.68183959859	04	4.68183959859	04	5.32597491041	02	7.26948418810	-01
5.56007070280	03							1.83237549613	00

## POINT

3.69182761174	05	3.75000000000	03	0.0	0.0	0.0	0.0	1.16530339177	00
3.96812990979	01	0.0		0.0	0.0	0.0	0.0	0.0	
0.0		1.34678954169	06	1.11738385394	06	3.55964284908	04	1.08192828703	03
-2.33668985444	01	4.68150012793	04	4.68150012793	04	5.31534510714	02	7.31485101057	-01
5.55972684770	03							1.56864369526	00

## POINT

3.69184761151	05	3.80000000000	03	0.0	0.0	0.0	0.0	1.16377171847	00
3.95700430886	01	0.0		0.0	0.0	0.0	0.0	0.0	
0.0		1.34895677894	06	1.11476662460	06	3.55496292902	04	1.07939213915	03
-2.34295444316	01	4.68121358170	04	4.68121358170	04	5.30086542260	02	7.23992569368	-01
5.55938863813	03							1.29702063269	00

## EVENT

3.69185271268	05	2.03000000000	03	0.0	1.34895677894	06	1.11476662460	06	3.55496292902	04
3.55700430886	01									
3.90000000000	01	6.00000000000	00	3.00000000000	00	9.99000000000	02	9.99000000000	02	9.99000000000

## POINT

3.69186761152	05	3.85000000000	03	0.0	0.0	0.0	0.0	1.16223439051	CC
3.94587911924	01	-1.40625000000	00	1.05391845703	02	1.53808593750	-01	-1.38427734375	00
-1.19750976562	00	1.35111894680	06	1.11214536823	06	3.55026598930	04	1.07686873294	03
-2.35272973069	01	4.68096732349	04	4.68096732349	04	5.25563170090	02	2.61686000665	-01
5.55926848799	03							1.13706528120	00

## POINT

3.69188761153	05	3.90000000000	03	0.0	1.20000000012	03	0.0	1.16069155893	00
3.93475535800	01	-1.43920898437	00	1.06116943359	02	-8.78906250000	-01	-1.38427734375	00
-1.19750976562	00	1.35542697623	06	1.10952034628	06	3.54555374925	04	1.07404877110	03
-2.35929451119	01	4.68076738949	04	4.68076738949	04	5.29563170090	02	0.0	
5.55749289707	03							8.62068977483	-01

## EVENT

3.69188761153	05	2.04500000000	03	0.0	1.35327585515	06	1.10952034628	06	3.54555374925	04
3.93475535800	01									
2.10000000000	01	3.70000000000	01	2.30000000000	01	3.80000000000	01	3.70000000000	01	9.59000000000

## POINT

3.69190761153	05	3.95000000000	03	0.0	1.20000000012	03	0.0	1.15914646205	00
3.92363600489	01	-1.47216796875	00	1.06567382812	02	-1.86767578125	00	-1.38427734375	00
-1.19750976562	00	1.35542697623	06	1.10689231823	06	3.54083257574	04	1.07115432081	03
-2.36358160500	01	4.68063688784	04	4.68063688784	04	5.29425585318	02	6.87923863614	-02
5.55523568952	03							5.03473643666	-01

## POINT

3.69192761176	05	4.00000000000	03	0.0	1.20000000012	03	0.0	1.15759653526	00
3.91252109528	01	-1.51611329125	00	1.05578613281	02	-1.74682617187	00	-1.38427734375	00
								1.05820312500	02

-1.19750976562	00	1.35757227490	06	1.10426128594	06	3.53609822896	04	1.06821919082	03	-1.31263194258	03
-2.36850367653	01	4.68056441099	04	4.68056441059	04	5.29340998094	02	4.22931127068	-02	2.65318766142	-01
5.55291822168	03										

## POINT

3.69194761152	05	4.05000000000	03	0.0		1.20000000012	03	0.0		1.15604202317	00
3.90141114537	01	-1.54907226562	00	1.04370117187	02	-1.17553710937	00	-1.38427734375	00	1.05820312500	02
-1.19750976562	00	1.35971160776	06	1.10162734654	06	3.53135011535	04	1.06527642368	03	-1.31410284533	03
-2.37796356482	01	4.68053085996	04	4.68053085996	04	5.29184508494	02	7.82457529347	-02	4.24632900452	-02
5.55058153921	03										

## PCINT

3.69196761152	05	4.10000000000	03	0.0		1.20000000012	03	0.0		1.15448269501	00
3.89030570135	01	-1.56005859375	00	1.04260253906	02	-9.22851562500	-01	-1.38427734375	00	1.05820312500	02
-1.19750976562	00	1.36184509812	06	1.09899044168	06	3.52658763079	04	1.06235638441	03	-1.31555733760	03
-2.38412934378	01	4.68055278224	04	4.68055278224	04	5.29178786575	02	2.86095931056	-03	-2.60751654698	-01
5.54826849298	03										

## POINT

3.69198761152	05	4.15000000000	03	0.0		1.20000000012	03	0.0		1.15291930533	00
3.87920488739	01	-1.57104492187	00	1.04216308593	02	-8.12988281250	-01	-1.38427734375	00	1.05820312500	02
-1.19750976562	00	1.36397273177	06	1.09635062214	06	3.52181310513	04	1.05943342821	03	-1.31700631178	03
-2.39005731175	01	4.68063452908	04	4.68063452908	04	5.29178786575	02	0.0		-5.54610092020	-01
5.54595491584	03										

## POINT

3.69200761152	05	4.20000000000	03	0.0		1.20000000012	03	0.0		1.15135195086	00
3.86810870711	01	-1.58203125000	00	1.04172363281	02	-7.36083984375	-01	-1.38427734375	00	1.05820312500	02
-1.19750976562	00	1.36609450148	06	1.09370789853	06	3.51702681798	04	1.05650637365	03	-1.31845001557	03
-2.39589769458	01	4.68077376196	04	4.68077376196	04	5.29178786575	02	0.0		-8.35442083026	-01
5.54363909168	03										

## POINT

3.69202761152	05	4.25000000000	03	0.0		1.20000000012	03	0.0		1.14978068011	00
3.85701716682	01	-1.59301757812	00	1.04161376953	02	-7.03125000000	-01	-1.38427734375	00	1.05820312500	02
-1.19750976562	00	1.36821039859	06	1.09106228138	06	3.51222889927	04	1.05357494333	03	-1.31988876388	03
-2.40169741929	01	4.68096774388	04	4.68096774388	04	5.29178786575	02	0.0		-1.10181065002	00
5.54132130678	03										

## PCINT

3.69204761152	05	4.30000000000	03	0.0		1.20000000012	03	0.0		1.14820551472	00
3.84593026961	01	-1.60400390625	00	1.04216308593	02	-6.92138671875	-01	-1.38427734375	00	1.05820312500	02
-1.19750976562	00	1.37032041425	06	1.08841377987	06	3.50741939497	04	1.05063888340	03	-1.32132314600	03
-2.40749144316	01	4.68121339891	04	4.68121339891	04	5.29178786575	02	0.0		-1.35179272969	00
5.53900260551	03										

## POINT

3.69206761152	05	4.35000000000	03	0.0		1.20000000012	03	0.0		1.14662645015	00
3.83484801855	01	-1.61499023437	00	1.04315185546	02	-7.14111328125	-01	-1.38427734375	00	1.05820312500	02
-1.19750976562	00	1.37242453862	06	1.08576240244	06	3.50259826852	04	1.04769780866	03	-1.32275360282	03
-2.41332429255	01	4.68150723431	04	4.68150723431	04	5.29178786575	02	0.0		-1.58343099872	00
5.53668740232	03										

## PCINT

3.69208761152	05	4.40000000000	03	0.0		1.20000000012	03	0.0		1.14504346072	00
3.82377041599	01	-1.62597656250	00	1.04447021484	02	-7.69042968750	-01	-1.38427734375	00	1.05820312500	02
-1.19750976562	00	1.37452276124	06	1.08310815682	06	3.49776541705	04	1.04475116354	03	-1.32418015057	03





EDIT OF MARSROT TAPE #20414415	/EYLES	/DUPLICATE LANDING	E01T.CONTRL REVISION 001	07/26/69 OF AGC	3:02 PROGRAM LMY99	PAGE	13				
POINT											
3.69224761262	05	4.80000000000	03	0.0	9.77238350414	03	1.65742349380	04	1.13218262C18	00	
3.73605592586	01	-1.64794921875	00	1.06402587890	02	-1.61499023437	00	-1.38427734375	00	1.04677734375	02
-1.39526367187	00	1.39095214981	06	1.06194682668	06	3.45845330071	04	9.99369763787	02	-1.30933818120	03
-2.50218955351	01	4.68330058968	04	4.68330058968	04	5.28951218757	02	0.0		2.31936341855	00
5.40466169780	03										
POINT											
3.69226761232	05	4.85000000000	03	0.0	9.77296103504	03	1.65432445276	04	1.13054216534	00	
3.72525895211	01	-1.68090820312	00	1.05216064453	02	-1.34033203125	00	-1.38427734375	00	1.04018554687	02
-1.18652343750	00	1.39295032380	06	1.05932340129	06	3.45347959820	04	9.93202555712	02	-1.30670258070	03
-2.51078067891	01	4.68276280935	04	4.68276280935	04	5.28951218757	02	0.0		3.01009969931	00
5.38552892895	03										
POINT											
3.69228761275	05	4.90000000000	03	0.0	9.77353858725	03	1.65122541172	04	1.12889705095	00	
3.71449982613	01	-1.70288085937	00	1.04051513671	02	-1.17553710937	00	-1.38427734375	00	1.03370361328	02
-1.18652343750	00	1.39493630501	06	1.05670523020	06	3.44845101370	04	9.87117054416	02	-1.30397788507	03
-2.51730534342	01	4.68211564798	04	4.68211564798	04	5.28951218757	02	0.0		3.41689028999	00
5.36634597036	03										
POINT											
3.69230761208	05	4.95000000000	03	0.0	9.77411610795	03	1.64840810168	04	1.12724774031	00	
3.70377963063	01	-1.73583984375	00	1.03172607421	02	-1.30737304687	00	-1.38427734375	00	1.02941894531	02
-1.18652343750	00	1.39691006180	06	1.05409272087	06	3.44340527086	04	9.81094848288	02	-1.30117814352	03
-2.52443314401	01	4.68141009173	04	4.68141009173	04	5.28951218757	02	0.0		3.61838445368	00
5.34711254126	03										
POINT											
3.69232761208	05	5.00000000000	03	0.0	9.77469364774	03	1.64502732964	04	1.12559369137	00	
3.69309750299	01	-1.74682617187	00	1.02875976562	02	-1.27441406250	00	-1.38427734375	00	1.02722167968	02
-1.18652343750	00	1.39887185677	06	1.05148575690	06	3.43835285898	04	9.75097852146	02	-1.29834178771	03
-2.53158293745	01	4.68067007138	04	4.68067007138	04	5.28951218757	02	0.0		3.78894547374	00
5.32785244331	03										
POINT											
3.69234761236	05	5.05000000000	03	0.0	9.77527119547	03	1.64221001961	04	1.12393517036	00	
3.68245369568	01	-1.74682617187	00	1.02700195312	02	-1.24145507812	00	-1.38427734375	00	1.02513427734	02
-1.18652343750	00	1.40082167696	06	1.04988443957	06	3.43329256412	04	9.69105656916	02	-1.29548342193	03
-2.53834291555	01	4.67989090543	04	4.67989090543	04	5.28951218757	02	0.0		4.01054217773	00
5.30856316447	03										
POINT											
3.69236761250	05	5.10000000000	03	0.0	9.77584873923	03	1.63911057857	04	1.12227221199	00	
3.67184851089	01	-1.75781250000	00	1.02568359375	02	-1.30737304687	00	-1.38427734375	00	1.02502441406	02
-1.18652343750	00	1.40275948636	06	1.04628887340	06	3.42819843018	04	9.63112995024	02	-1.29260037298	03
-2.54556143771	01	4.67906200308	04	4.67906200308	04	5.28951218757	02	0.0		4.29273422985	00
5.28922742454	03										
POINT											
3.69238761208	05	5.15000000000	03	0.0	9.77642626714	03	1.63573020652	04	1.12060455747	00	
3.66128223090	01	-1.76879882812	00	1.02546386718	02	-1.32934570312	00	-1.38427734375	00	1.02293701171	02
-1.18652343750	00	1.40468523991	06	1.04369914616	06	3.42309957278	04	9.57117271838	02	-1.28970437229	03
-2.55309741581	01	4.67816737817	04	4.67816737817	04	5.28951218757	02	0.0		4.66506024428	00
5.26987112691	03										
POINT											

EOIT OF MARSROT TAPE #20414415	/EYLES	/DUPLICATE LANDING	EOIT.CONTROL REVISION 001 OF	07/26/69 AGC	3:02 PROGRAM LMY99	PAGE	14				
3.69240761250	05	5.2CC000000000	03	0.0	9.77700381883	03	1.63291289649	04	1.11892209311	00	
3.65075419788	01	-1.77978515625	00	1.02271728515	02	-1.29638671875	00	-1.38427734375	00	1.02062988281	02
-1.18652343750	00	1.4065907080	06	1.04111512208	06	3.41798556884	04	9.51127649564	02	-1.2867866645	03
-2.56043077010	01	4.67719398318	04	4.67719398318	04	5.28951218757	02	0.0		5.06959486971	00
5.25046774294	03										
POINT											
3.69242761222	05	5.250000000000	03	0.0	9.77758135069	03	1.63009558645	04	1.11725511943	00	
3.64026529539	01	-1.79077148437	00	1.01964111328	02	-1.29638671875	00	-1.38427734375	00	1.01843261718	02
-1.18652343750	00	1.40850095731	06	1.03853706199	06	3.41285732404	04	9.45152067509	02	-1.28391921774	03
-2.56759642101	01	4.67613940657	04	4.67613940657	04	5.28951218757	02	0.0		5.47825473494	00
5.23102187353	03										
POINT											
3.69244761222	05	5.300000000000	03	0.0	9.77815889054	03	1.62671481441	04	1.11557359394	00	
3.62981509428	01	-1.80175781250	00	1.01733398437	02	-1.29638671875	00	-1.38427734375	00	1.01634521484	02
-1.18652343750	00	1.41039071670	06	1.03596490455	06	3.40771469629	04	9.39187089898	02	-1.28083087557	03
-2.57467425536	01	4.67500120248	04	4.67500120248	04	5.28951218757	02	0.0		5.90907272449	00
5.21153932628	03										
POINT											
3.69246761208	05	5.350000000000	03	0.0	9.77873642633	03	1.62389750438	04	1.11388777283	00	
3.61940388423	01	-1.81274414062	00	1.01535644531	02	-1.24145507812	00	-1.38427734375	00	1.01414754921	02
-1.18652343750	00	1.41226862681	06	1.03339875822	06	3.40255843479	04	9.33229515092	02	-1.27781631773	03
-2.58129131519	01	4.67377335326	04	4.67377335326	04	5.28951218757	02	0.0		6.37557879774	00
5.19202050922	03										
POINT											
3.69248761236	05	5.400000000000	03	0.0	9.77931397405	03	1.62051673233	04	1.11219769045	00	
3.60903144751	01	-1.82373046875	00	1.01271972656	02	-1.30737304687	00	-1.38427734375	00	1.01184082031	02
-1.18652343750	00	1.41413465580	06	1.03083860537	06	3.39738860778	04	9.27281460771	02	-1.27477326483	03
-2.58828745401	01	4.67244923332	04	4.67244923332	04	5.28951218757	02	0.0		6.86792923922	00
5.17246373239	03										
POINT											
3.69250761248	05	5.450000000000	03	0.0	9.77989151735	03	1.61741769129	04	1.11050305840	00	
3.59869816114	01	-1.82373046875	00	1.01041259765	02	-1.32934570312	00	-1.38427734375	00	1.00975341796	02
-1.18652343750	00	1.41598877094	06	1.02828457946	06	3.39220431247	04	9.21343303378	02	-1.27170037386	03
-2.59569452087	01	4.67102473176	04	4.67102473176	04	5.28951218757	02	0.0		7.38274050160	00
5.15286585789	03										
POINT											
3.69252761234	05	5.500000000000	03	0.0	9.78046905304	03	1.61460038126	04	1.10880377371	00	
3.58840414734	01	-1.83471679687	00	1.00810546875	02	-1.34033203125	00	-1.38427734375	00	1.00524902343	02
-1.18652343750	00	1.41783098143	06	1.02573674809	06	3.38700520335	04	9.15414868174	02	-1.26860123112	03
-2.60312189536	01	4.66949405129	04	4.66949405129	04	5.28951218757	02	0.0		7.92708996644	00
5.13323574568	03										
POINT											
3.69254761234	05	5.550000000000	03	0.0	9.78104659298	03	1.61150134022	04	1.10709991303	00	
3.57814927225	01	-1.84570312500	00	1.00535888671	02	-1.30737304687	00	-1.38427734375	00	1.00305175781	02
-1.18652343750	00	1.41966134633	06	1.02319511818	06	3.38179145285	04	9.09498373504	02	-1.26547117270	03
-2.61024119689	01	4.66785303920	04	4.66785303920	04	5.28951218757	02	0.0		8.48560687650	00
5.11356470150	03										
POINT											
3.69256761234	05	5.600000000000	03	0.0	9.78162413278	03	1.60812056818	04	1.10539171441	00	

3.56793368616	01	-1.85668945312	00	1.00272216796	02	-1.28540035062	00	-1.38427734375	00	1.00096435546	02
-1.18652343750	00	1.42147987748	06	1.02065976941	06	3.37656389591	04	9.03595195407	02	-1.26231041563	03
-2.61700834967	01	4.66609909312	04	4.66609909312	04	5.28951218757	02	0.0		9.05500162416	00
5.09385564405	03										

## POINT

3.69258761217	05	5.65000000000	03	0.0		9.78220166763	03	1.60502152714	04	1.10367941649	00
3.55775754327	01	-1.86767578125	00	9.99426269531	01	-1.25244140625	00	-1.38427734375	00	9.96459960937	01
-1.18652343750	00	1.42328658999	06	1.01813078507	06	3.3713231818	04	8.97709483893	02	-1.25911783009	03
-2.62351906454	01	4.66423112953	04	4.66423112953	04	5.28951218757	02	0.0		9.62207292050	00
5.07411320092	03										

## POINT

3.69260761274	05	5.70000000000	03	0.0		9.78277922395	03	1.60220421710	04	1.10196288466	00
3.54762045594	01	-1.88964843750	00	9.95800781250	01	-1.30737304687	00	-1.38427734375	00	9.94262655312	01
-1.18652343750	00	1.42508160426	06	1.01560811957	06	3.36606882628	04	8.91843907748	02	-1.2558863916	03
-2.63039066871	01	4.66225162845	04	4.66225162845	04	5.28951218757	02	0.0		1.01704513365	01
5.05432964593	03										

## PCINT

3.69262761219	05	5.75000000000	03	0.0		9.78335674774	03	1.59910517667	04	1.10024218247	00
3.53752344344	01	-1.90063476562	00	9.92834472656	01	-1.27441406250	00	-1.38427734375	00	9.92175292968	01
-1.18652343750	00	1.42686479211	06	1.01309207907	06	3.36080117431	04	8.85996708067	02	-1.25262636346	03
-2.63702385719	01	4.66016346032	04	4.66016346032	04	5.28951218757	02	0.0		1.07118929005	01
5.03451023673	03										

## POINT

3.69264761219	05	5.80000000000	03	0.0		9.78393428754	03	1.59600613503	04	1.09851742333	00
3.52746571994	01	-1.91162109375	00	9.89428710937	01	-1.24145507812	00	-1.38427734375	00	9.87561035156	01
-1.18652343750	00	1.42863633973	06	1.01058251402	06	3.35552053496	04	8.80168360018	02	-1.24933250087	03
-2.64326481362	01	4.65796717739	04	4.65796717739	04	5.28951218757	02	0.0		1.12469857764	01
5.01466593784	03										

## POINT

3.69266761233	05	5.85000000000	03	0.0		9.78451183130	03	1.59290709399	04	1.09678883127	00
3.51744758116	01	-1.92260742187	00	9.86242675781	01	-1.25244140625	00	-1.38427734375	00	9.85363769531	01
-1.18652343750	00	1.43039674788	06	1.00807954962	06	3.35022761363	04	8.74357245948	02	-1.24600169312	03
-2.64938010709	01	4.65566587949	04	4.65566587949	04	5.28951218757	02	0.0		1.17701578698	01
4.99475938823	03										

## POINT

3.69268761233	05	5.90000000000	03	0.0		9.78508937110	03	1.58980805255	04	1.09505634598	00
3.50746922889	01	-1.93359375000	00	9.84484863281	01	-1.27441406250	00	-1.38427734375	00	9.85363769531	01
-1.18652343750	00	1.43214451910	06	1.00558327648	06	3.34492221132	04	8.68556052685	02	-1.24266772124	03
-2.65576615704	01	4.65325650634	04	4.65325650634	04	5.28951218757	02	0.0		1.23273162950	01
4.97483324830	03										

## POINT

3.69270761219	05	5.95000000000	03	0.0		9.78566690697	03	1.58699074291	04	1.09331990737	00
3.49753073149	01	-1.94458007812	00	9.81518554687	01	-1.26342773437	00	-1.38427734375	00	9.80969238281	01
-1.18652343750	00	1.43388117597	06	1.00309374931	06	3.33960412158	04	8.62769307424	02	-1.23926286365	03
-2.66205345275	01	4.65073457025	04	4.65073457025	04	5.28951218757	02	0.0		1.28913659688	01
4.95486832876	03										

## POINT

3.69272761246	05	6.00000000000	03	0.0		9.78624445465	03	1.58389170187	04	1.09157960254	00
3.48763190244	01	-1.95556640625	00	9.78771972656	01	-1.23046875000	00	-1.38427734375	00	9.78662109375	01

REVISION	001	OF	AGC	PROGRAM	LMY99
-1.18652343750	00	1.43560629679	06	1.00061096657	06
-2.66803855822	01	4.64810008576	04	4.64810008576	04
4.93485870515	03				

## PCINT

3.69274761231	05	6.05000000000	03	0.0	9.78692199002	03	1.58079266084	04	1.08983573910	00	
3.47777321455	01	-1.95556640625	00	9.76354980468	01	-1.19750976562	00	-1.38427734375	00	9.74487304687	01
-1.18652343750	C0	1.43731983718	06	9.98135086422	05	3.32893161360	04	8.511239765786	02	-1.23240159253	03
-2.67369352275	01	4.64535013656	04	4.64535013656	04	5.28951218757	02	0.0		1.40393349470	01
4.91492450671	03										

## POINT

3.69276761231	05	6.10000000000	03	0.0	9.78739952982	03	1.57769361980	04	1.08808833118	00	
3.46795446521	01	-1.96655273437	00	9.72839355468	01	-1.23046875000	00	-1.38427734375	00	9.72180175781	01
-1.18652343750	C0	1.43902188126	06	9.95666104868	05	3.32357817461	04	8.45500238954	02	-1.22892039603	03
-2.67942421483	01	4.64248590952	04	4.64248590952	04	5.28951218757	02	0.0		1.46055987536	01
4.89473836384	03										

## POINT

3.69278761231	05	6.15000000000	03	0.0	9.78797706962	03	1.57487620976	04	1.08633742123	00	
3.45817579825	01	-1.97753906250	00	9.70961816406	01	-1.24145507812	00	-1.38427734375	00	9.69982910156	01
-1.18652343750	C0	1.44071244577	06	9.93204099675	05	3.31821342064	04	8.39772657951	02	-1.22541516016	03
-2.68512995912	01	4.63950582649	04	4.63950582649	04	5.28951218757	02	0.0		1.51977646504	01
4.87462550507	03										

## POINT

3.69280761272	05	6.20000000000	03	0.0	9.78855462131	03	1.57149553772	04	1.08458285577	00	
3.44843708859	01	-1.98852539062	00	9.68225097656	01	-1.24145507812	00	-1.38427734375	00	9.67855507812	01
-1.18652343750	C0	1.44239158972	06	9.90749077769	05	3.31283686693	04	8.34058433170	02	-1.22187800182	03
-2.69095787714	01	4.63640653109	04	4.63640653109	04	5.28951218757	02	0.0		1.519771060808	01
4.85446829852	03										

## POINT

3.69292761217	05	6.25000000000	03	0.0	9.78913214525	03	1.56839649668	04	1.08282454720	00	
3.43873907723	01	-1.99951171875	00	9.65917968750	01	-1.19750976562	00	-1.38427734375	00	9.65588378906	01
-1.18652343750	C0	1.44405922457	06	9.88301265411	05	3.30744945717	04	8.28356808198	02	-1.21831432709	03
-2.69632201249	01	4.63318560327	04	4.63318560327	04	5.28951218757	02	0.0		1.64157864585	01
4.83427805838	03										

## POINT

3.69284761230	05	6.30000000000	03	0.0	9.78970968869	03	1.56529745564	04	1.08106373160	00	
3.42903104354	01	-2.01049804687	00	9.63610839843	01	-1.16455078125	00	-1.38427734375	00	9.63500976562	01
-1.18652343750	C0	1.44571551171	06	9.85860518793	05	3.30205128470	04	8.22667754710	02	-1.21472127859	03
-2.70137800730	01	4.62983949596	04	4.62983949596	04	5.28951218757	02	0.0		1.70478574373	01
4.81404733960	03										

## POINT

3.69286761229	05	6.35000000000	03	0.0	9.79028722834	03	1.56248014561	04	1.07929967339	00	
3.41946344721	01	-2.02149437500	00	9.60754394531	01	-1.13159179687	00	-1.38427734375	00	9.58996582031	01
-1.18652343750	C0	1.44736041163	06	9.83426993221	05	3.29664375858	04	8.16994417018	02	-1.21105944996	03
-2.70587510836	01	4.62636594271	04	4.62636594271	04	5.28951218757	02	0.0		1.76859229705	01
4.79378298895	03										

## POINT

3.69288761243	05	6.40000000000	03	0.0	9.79086477210	03	1.55909937356	04	1.07753285745	00	
3.40988623384	01	-2.03247070312	00	9.57458496053	01	-1.14257812500	00	-1.38427734375	00	9.56799316406	01
-1.18652343750	C0	1.44899398330	06	9.81000720859	05	3.29122715051	04	8.11340769226	02	-1.20744231523	03

-2.71037215330	01	4.62276647439	04	4.62276647439	04	5.28951218757	02	0.0	1.83072555554	01
4.77347464811	03									

## POINT

3.69290761216	05	6.45000000000	03	0.0	9.79144230397	03	1.55600033252	04	1.07576352260	00
3.40034974273	01	-2.04345703125	00	9.55041503906	01	-1.07666015625	00	-1.38427734375	00	9.5462050781
-1.18652343750	00	1.45061621793	06	9.78581832877	05	3.28580220171	04	8.05702819825	02	-1.2037526476
-2.71428528105	01	4.61904250381	04	4.61904250381	04	5.28951218757	02	0.0	1.89360077818	01
4.75313428719	03									

## POINT

3.69292761271	05	6.50000000000	03	0.0	9.79201985963	03	1.55318302249	04	1.07399181987	00
3.39085345397	01	-2.04345703125	00	9.52404785156	01	-1.09863281250	00	-1.38427734375	00	9.52404785156
-1.18652343750	00	1.45222724427	06	9.76170236648	05	3.28036936389	04	8.00078919605	02	-1.20004196525
-2.71818970921	01	4.61519173513	04	4.61519173513	04	5.28951218757	02	0.0	1.95720859545	01
4.73275258623	03									

## POINT

3.69294761229	05	6.55000000000	03	0.0	9.79259738753	03	1.54980225045	04	1.07221772101	00
3.38139829107	01	-2.05444335937	00	9.50207519531	01	-1.14257812500	00	-1.38427734375	00	9.50207519531
-1.18652343750	00	1.45382694645	06	9.73766205206	05	3.27492854501	04	7.94468149274	02	-1.15629928420
-2.72253814774	01	4.61121249545	04	4.61121249545	04	5.28951218757	02	0.0	2.02240488026	01
4.71233561322	03									

## POINT

3.69296761216	05	6.60000000000	03	0.0	9.79317492337	03	1.54698454041	04	1.0704488038	00
3.37198374297	01	-2.06542968750	00	9.48010253906	01	-1.16455078125	00	-1.38427734375	00	9.50207519531
-1.18652343750	00	1.45541544795	06	9.71369645648	05	3.26947867152	04	7.88868732040	02	-1.19252875727
-2.72712961117	01	4.60710096760	04	4.60710096760	04	5.28951218757	02	0.0	2.08551400805	01
4.69187850756	03									

## POINT

3.69298761216	05	6.65000000000	03	0.0	9.79375246316	03	1.54360416837	04	1.06866119557	00
3.36260995185	01	-2.07641601562	00	9.46142578125	01	-1.17553710937	00	-1.38427734375	00	9.45812988281
-1.18652343750	00	1.45699275864	06	9.68580628005	05	3.26401942027	04	7.83278961815	02	-1.18873294129
-2.73184078918	01	4.60285248185	04	4.60285248185	04	5.28951218757	02	0.0	2.15944865502	01
4.67138481421	03									

## POINT

3.69300761229	05	6.70000000000	03	0.0	9.79433000693	03	1.54078685833	04	1.06687863552	00
3.35327698635	01	-2.08740234375	00	9.43725585937	01	-1.19750976562	00	-1.38427734375	00	9.41528320312
-1.18652343750	00	1.45855889997	06	9.66599203243	05	3.25855064795	04	7.77703001234	02	-1.18490979300
-2.73666866148	01	4.59846210028	04	4.59846210028	04	5.28951218757	02	0.0	2.23068258318	01
4.65085628953	03									

## POINT

3.69302761214	05	6.75000000000	03	0.0	9.79490754229	03	1.53740608629	04	1.06505313517	00
3.34398512679	01	-2.09838867187	00	9.40429687500	01	-1.18652343750	00	-1.38427734375	00	9.39331054687
-1.18652343750	00	1.46011387425	06	9.64225486901	05	3.25307218092	04	7.72147278836	02	-1.18105169216
-2.74143684074	01	4.593393131170	04	4.593393131170	04	5.28951218757	02	0.0	2.3006628051	01
4.63028331774	03									

## POINT

3.69304761214	05	6.80000000000	03	0.0	9.79548508213	03	1.53430704525	04	1.06230511307	00
3.33473423758	01	-2.10937500000	00	9.37573242187	01	-1.06567382812	00	-1.38427734375	00	9.36914062500
-1.18652343750	00	1.46165775401	06	9.61859488420	05	3.24758529823	04	7.66608313692	02	-1.17716468670
-2.74502327553	01	4.58926171438	04	4.58926171438	04	5.28951218757	02	0.0	2.36544993104	01



POINT  
 3.69322761238 05 7.25000000000 03 0.0 9.80068294727 03 1.50613394450 04 1.04714218535 00  
 3.25333518693 01 -2.18627929687 00 9.15270996093 01 -1.10961914062 00 -1.38427734375 00 9.14941406250 01  
 -1.18652343750 00 1.47505793640 06 9.40923106082 05 3.19795556036 04 7.17461179296 02 -1.14088311502 03  
 -2.76558283387 01 4.54081267128 04 4.54081267128 04 5.28951218757 02 0.0 3.01308667737 01  
 4.42250077702 03

POINT  
 3.69324761211 05 7.30000000000 03 0.0 9.80126047914 03 1.50275317286 04 1.04534073831 00  
 3.24449889076 01 -2.18627929687 00 9.13403320312 01 -1.10961914062 00 -1.38427734375 00 9.12744140625 01  
 -1.18652343750 00 1.47649245694 06 9.38637683568 05 3.1922066225 04 7.12078180770 02 -1.13671010195 03  
 -2.76908059390 01 4.53471294208 04 4.53471294208 04 5.28951218757 02 0.0 3.08698613386 01  
 4.40151718797 03

POINT  
 3.69326761225 05 7.35000000000 03 0.0 9.80183802290 03 1.49965413182 04 1.04353736030 00  
 3.23570427192 01 -2.19726562500 00 9.11206054687 01 -1.05468750000 00 -1.38427734375 00 9.10546875000 01  
 -1.18652343750 00 1.47791624142 06 9.36360581469 05 3.18687915451 04 7.06708078566 02 -1.13250801822 03  
 -2.77201994082 01 4.52846423845 04 4.52846423845 04 5.28951218757 02 0.0 3.16183754302 01  
 4.38048799984 03

POINT  
 3.69328761266 05 7.40000000000 03 0.0 9.80241557458 03 1.49655509078 04 1.04173244149 00  
 3.22695147457 01 -2.20825195312 00 9.09338378906 01 -1.02172851562 00 -1.38427734375 00 9.09349609375 01  
 -1.18652343750 00 1.47932930484 06 9.34091870971 05 3.18133221891 04 7.01349554610 02 -1.12828057785 03  
 -2.77446710705 01 4.52206400390 04 4.52206400390 04 5.28951218757 02 0.0 3.23864913670 01  
 4.35942097317 03

POINT  
 3.69330761238 05 7.45000000000 03 0.0 9.80299310645 03 1.49317431874 04 1.03992639417 00  
 3.21824099201 01 -2.21923828125 00 9.07141113281 01 -9.77783203125 -01 -1.38427734375 00 9.06152343750 01  
 -1.18652343750 00 1.48073160294 06 9.31831711753 05 3.17578109921 04 6.96003873044 02 -1.12402625610 03  
 -2.77637810193 01 4.51550868780 04 4.51550868780 04 5.28951218757 02 0.0 3.31681161625 01  
 4.33831382849 03

POINT  
 3.69332761240 05 7.50000000000 03 0.0 9.80357064672 03 1.48979354665 04 1.03811948786 00  
 3.20957247612 01 -2.21923828125 00 9.04504394531 01 -9.33837890625 -01 -1.38427734375 00 9.03845214843 01  
 -1.18652343750 00 1.48212323410 06 9.29580049452 05 3.17022661498 04 6.90674722031 02 -1.11974328607 03  
 -2.77777950902 01 4.50879683780 04 4.50879683780 04 5.28951218757 02 0.0 3.39494105282 01  
 4.31716785643 03

PCINT  
 3.69334761228 05 7.55000000000 03 0.0 9.80414818302 03 1.48669450565 04 1.03631190929 00  
 3.20094618812 01 -2.23022460937 00 9.02087402343 01 -9.88769531250 -01 -1.38427734375 00 9.01757812500 01  
 -1.18652343750 00 1.48350420383 06 9.27336991079 05 3.16466934673 04 6.85363867533 02 -1.11543032776 03  
 -2.77935428186 01 4.50192949897 04 4.50192949897 04 5.28951218757 02 0.0 3.47234662857 01  
 4.29598256322 03

POINT  
 3.69336761269 05 7.60000000000 03 0.0 9.80472573470 03 1.48359546462 04 1.03450331209 00  
 3.19236191704 01 -2.24121093750 00 8.99890136718 01 -1.03271484375 00 -1.38427734375 00 8.99560546875 01  
 -1.18652343750 00 1.48487459283 06 9.25102520078 05 3.15910824369 04 6.80068578726 02 -1.11108950569 03  
 -2.78145897761 01 4.49490707681 04 4.49490707681 04 5.28951218757 02 0.0 3.55005748129 01  
 4.27475778667 03

POINT

3.69338761243	05	7.65000000000	03	0.0	9.80530326704	03	1.48049642358	04	1.03269354497	00
3.18382025474	01	-2.25219726562	00	8.97802734375	01	-1.03271464375	00	-1.38427734375	00	8.97363281250
-1.18652343750	00	1.48623434699	06	9.22876824676	05	3.15354284024	04	6.74786570284	02	-1.10672211616
-2.78373256274	01	4.48772808005	04	4.48772808005	04	5.28951218757	02	0.0		3.62916333316
4.25349629395	03									

## POINT

3.69340761327	05	7.70000000000	03	0.0	9.80588083108	03	1.47711565153	04	1.03098245717	00
3.17532052821	01	-2.25219726562	00	8.95935058593	01	-1.04370117187	00	-1.38427734375	00	8.95166015625
-1.18652343750	00	1.48758361204	06	9.20659762331	05	3.14797266634	04	6.69517140429	02	-1.10232773473
-2.78600273454	01	4.48038939035	04	4.48038939035	04	5.28951218757	02	0.0		3.70946520267
4.23219188160	03									

## POINT

3.69342761232	05	7.75000000000	03	0.0	9.80645834338	03	1.47373487949	04	1.02907021211	00
3.16686404002	01	-2.26318359375	00	8.93737792968	01	-1.02172851562	00	-1.38427734375	00	8.92968750000
-9.66796875000	-01	1.48892222008	06	9.18451705639	05	3.14239820599	04	6.64262127027	02	-1.09790705201
-2.78831117227	01	4.47288960511	04	4.47288960511	04	5.28951218757	02	0.0		3.79071866857
4.21085037484	03									

## POINT

3.69344761233	05	7.80000000000	03	0.0	9.80703588340	03	1.47035410745	04	1.02725708403	00
3.15844970671	01	-2.27416992187	00	8.91760253906	01	-9.11865234375	-01	-1.38427734375	00	8.90771484375
-9.66796875000	-01	1.49025038417	06	9.16252405682	05	3.13682030854	04	6.59020223846	02	-1.09345851123
-2.78923844640	01	4.46522637165	04	4.46522637165	04	5.28951218757	02	0.0		3.87282855304
4.18946402109	03									

## POINT

3.69346761274	05	7.85000000000	03	0.0	9.80761343509	03	1.46725506641	04	1.02544343685	00
3.15007784253	01	-2.27416992187	00	8.89672851562	01	-9.99755859375	-01	-1.38427734375	00	8.88574218750
-9.66796875000	-01	1.49156809225	06	9.14061977150	05	3.13124006189	04	6.53791754974	02	-1.08898404963
-2.79072112759	01	4.45739724764	04	4.45739724764	04	5.28951218757	02	0.0		3.95614724325
4.16803990869	03									

## POINT

3.69348761221	05	7.90000000000	03	0.0	9.80819095949	03	1.46387429437	04	1.02362918218	00
3.14174908886	01	-2.28515625000	00	8.87255859375	01	-9.44824218750	-01	-1.38427734375	00	8.86376953125
-9.66796875000	-01	1.49287528703	06	9.11880622167	05	3.12565720454	04	6.48581089217	02	-1.08448132253
-2.79191028793	01	4.44940220378	04	4.44940220378	04	5.28951218757	02	0.0		4.03901815383
4.14657810286	03									

## POINT

3.69350761235	05	7.95000000000	03	0.0	9.80876850350	03	1.46049352233	04	1.02181443932	00
3.13346284723	01	-2.29614257812	00	8.84948730468	01	-9.66796875000	-01	-1.38427734375	00	8.84179687500
-9.66796875000	-01	1.49417211090	06	9.09708222214	05	3.12007211102	04	6.43387652398	02	-1.07994867544
-2.79293517555	01	4.44124202080	04	4.44124202080	04	5.28951218757	02	0.0		4.12125417496
4.12507277407	03									

## POINT

3.69352761318	05	8.00000000000	03	0.0	9.80934606730	03	1.45739448129	04	1.01999927053	00
3.12521919778	01	-2.29614257812	00	8.83081054687	01	-9.11865234375	-01	-1.38427734375	00	8.81982421875
-9.66796875000	-01	1.49545855387	06	9.07544832391	05	3.11448497120	04	6.38207274113	02	-1.07539033403
-2.79363415740	01	4.43291598434	04	4.43291598434	04	5.28951218757	02	0.0		4.20471303786
4.10352823471	03									

## POINT

3.69354761208	05	8.05000000000	03	0.0	9.80992357539	03	1.45401370924	04	1.01818420470	00
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EDIT OF MARSROT TAPE #20414415	/EYLES	/DUPLICATE LANDING	EDIT CONTROL	07/26/69	3:02	PACE					
			REVISION 001	OF AGC	PROGRAM	LMY99					
3.11701928982	01	-2.30712890625	00	8.80664062500	01	-8.56933593750	-01	-1.38427734375	00	8.79785156250	01
-7.47070312500	-01	1.49673459663	06	9.05390786682	05	3.10889740096	04	6.33043146971	02	-1.07080451404	03
-2.79378020650	01	4.42442333468	04	4.42442333468	04	5.28951218757	02	0.0		4.28823497478	01
4.08194449338	03										
POINT											
3.69356761251	05	8.10000000000	03	0.0		9.81050112754	03	1.45063293720	04	1.01636972731	00
3.10886179026	01	-2.31811523437	00	8.78686523437	01	-7.25097656250	-01	-1.38427734375	00	8.77587890625	01
-7.47070312500	-01	1.49800037237	06	9.03245770513	05	3.10331068229	04	6.27893522361	02	-1.06619075114	03
-2.79223233407	01	4.41576314794	04	4.41576314794	04	5.28951218757	02	0.0		4.37204085415	01
4.06031616761	03										
POINT											
3.69358761251	05	8.15000000000	03	0.0		9.81107866734	03	1.44725216516	04	1.01455658620	00
3.10074758664	01	-2.31811523437	00	8.77587890625	01	-7.69042968750	-01	-1.38427734375	00	8.77587890625	01
-7.47070312500	-01	1.49925581901	06	9.01110046592	05	3.09772769034	04	6.22750245736	02	-1.06155146597	03
-2.79076031898	01	4.40693306014	04	4.40693306014	04	5.28951218757	02	0.0		4.45897054724	01
4.03863729146	03										
POINT											
3.69360761239	05	8.20000000000	03	0.0		9.81165620375	03	1.44387139312	04	1.01274456073	00
3.09267664163	01	-2.32910156250	00	8.77478027343	01	-7.91015625000	-01	-1.38427734375	00	8.75390625000	01
-7.47070312500	-01	1.50050095679	06	8.98993621586	05	3.09214709325	04	6.17604069367	02	-1.05689843635	03
-2.78965347649	01	4.39792138000	04	4.39792138000	04	5.28951218757	02	0.0		4.55359998444	01
4.01692546454	03										
POINT											
3.69362761213	05	8.25000000000	03	0.0		9.81223373586	03	1.44020889007	04	1.01093354375	00
3.08464904602	01	-2.32910156250	00	8.74291992187	01	-7.91015625000	-01	-1.38427734375	00	8.71393593751	01
-7.47070312500	-01	1.50173579471	06	8.96866541027	05	3.08656872504	04	6.12475014467	02	-1.05221358407	03
-2.78853650039	01	4.38871992476	04	4.38871992476	04	5.28951218757	02	0.0		4.64720079683	01
3.99516325332	03										
POINT											
3.69364761241	05	8.30000000000	03	0.0		9.81281128381	03	1.43682811803	04	1.00912345871	00
3.07666460892	01	-2.34008789062	00	8.71215820312	01	-8.02001953125	-01	-1.38427734375	00	8.70996093750	01
-7.47070312500	-01	1.50296042472	06	8.94758799685	05	3.08099239346	04	6.07372379723	02	-1.04749472237	03
-2.78748048999	01	4.37933542270	04	4.37933542270	04	5.28951218757	02	0.0		4.73674931143	01
3.97335984386	03										
POINT											
3.69366761215	05	8.35000000000	03	0.0		9.81338881615	03	1.43344734599	04	1.00731434879	00
3.06872384211	01	-2.35107421875	00	8.69458007812	01	-8.02001953125	-01	-1.38427734375	00	8.68688964843	01
-7.47070312500	-01	1.50417482192	06	8.92660572099	05	3.07541825741	04	6.02284944256	02	-1.04275175995	03
-2.78644764831	01	4.36977196352	04	4.36977196352	04	5.28951218757	02	0.0		4.82707238038	01
3.95152390914	03										
POINT											
3.69368761215	05	8.40000000000	03	0.0		9.81396635594	03	1.43006657394	04	1.00550627607	00
3.06082649958	01	-2.35107421875	00	8.67260742187	01	-7.58056640625	-01	-1.38427734375	00	8.66601562500	01
-7.47070312500	-01	1.50537906282	06	8.90571823727	05	3.06984649867	04	5.97212492103	02	-1.03798082944	03
-2.78494344751	01	4.36002716022	04	4.36002716022	04	5.28951218757	02	0.0		4.91750480086	01
3.92964356247	03										
POINT											
3.69370761258	05	8.45000000000	03	0.0		9.81454390810	03	1.42668580190	04	1.00369954735	00
3.05297259969	01	-2.26206054687	00	8.65063476562	01	-7.58056640625	-01	-1.38427734375	00	8.64404296875	01

-7.47070312500	-01	1.50657319097	06	8.88492594092	05	3.06427806368	04	5.92157724014	02	-1.03318257100	03
-2.78312547822	01	4.35010191983	04	4.35010191983	04	5.28951218757	02	0.0		5.00737058014	01
3.90772496680	03										

## POINT

3.69372761213	05	8.50000000000	03	0.0		9.81512143503	03	1.42330502986	04	1.00189441375	00
3.04516273134	01	-2.362060954687	00	8.62976074218	01	-7.25097656250	-01	-1.38427734375	00	8.62207031250	01
-7.47070312500	-01	1.50775716338	06	8.86423073683	05	3.05871373273	04	5.87119785851	02	-1.02835691500	03
-2.78100293878	01	4.33999786496	04	4.33999786496	04	5.28951218757	02	0.0		5.09690748627	01
3.88576621450	03										

## POINT

3.69374761218	05	8.55000000000	03	0.0		9.81569897627	03	1.41992425782	04	1.00009101510	00
3.03739644855	01	-2.37304687500	00	8.61657714843	01	-7.36083984375	-01	-1.38427734375	00	8.62207031250	01
-7.47070312500	-01	1.50893109106	06	8.84363176841	05	3.05315393256	04	5.82091997234	02	-1.02350241024	03
-2.77864019648	01	4.32971413779	04	4.32971413779	04	5.28951218757	02	0.0		5.18770627319	01
3.86375188534	03										

## POINT

3.69376761461	05	8.60000000000	03	0.0		9.81627658609	03	1.41626175477	04	9.98289173235	-01
3.02967311943	01	-2.37304687500	00	8.61218261718	01	-6.81152343750	-01	-1.38427734375	00	8.60009765625	01
-7.47070312500	-01	1.51009508853	06	8.82312754205	05	3.04759807155	04	5.77062153745	02	-1.01863294072	03
-2.77613962191	01	4.31924060081	04	4.31924060081	04	5.28951218757	02	0.0		5.28517521705	01
3.84170260921	03										

## POINT

3.69378761221	05	8.65000000000	03	0.0		9.81685405657	03	1.41259925172	04	9.96489857062	-01
3.02199560011	01	-2.32910156250	00	8.58251953125	01	-6.37207031250	-01	-1.38427734375	00	8.57812500000	01
-7.47070312500	-01	1.51124875373	06	8.80272586580	05	3.04204909982	04	5.72053591965	02	-1.01373274197	03
-2.77304016970	01	4.30857508009	04	4.30857508009	04	5.28939338140	02	5.94102157259	-03	5.38107705651	01
3.81960694005	03										

## POINT

3.69380761277	05	8.70000000000	03	0.0		9.81743161245	03	1.40893674868	04	9.94692938426	-01
3.01436098042	01	-2.26318359375	00	8.55395507812	01	-5.71289062500	-01	-1.38427734375	00	8.55615234375	01
-7.47070312500	-01	1.51239258414	06	8.78241944232	05	3.03650664280	04	5.67068068437	02	-1.00880015083	03
-2.76890373813	01	4.29771968425	04	4.29771968425	04	5.28939338140	02	0.0		5.47353775139	01
3.79746735655	03										

## POINT

3.69382761277	05	8.75000000000	03	0.0		9.81800915225	03	1.40527424563	04	5.92899191372	-01
3.00677069313	01	-2.19726562500	00	8.53857421875	01	-5.49316406250	-01	-1.38427734375	00	8.53417968750	01
-7.47070312500	-01	1.51352641800	06	8.76221244230	05	3.03097309865	04	5.62097863840	02	-1.00384232573	03
-2.76436528362	01	4.28668017990	04	4.28668017990	04	5.28939338140	02	0.0		5.56630890632	01
3.77528991833	03										

## POINT

3.69384761223	05	8.80000000000	03	0.0		9.81858667665	03	1.40161174259	04	9.91108746486	-01
2.99922480254	01	-2.13134765625	00	8.51989746053	01	-5.71289062500	-01	-1.38427734375	00	8.51220703125	01
-7.47070312500	-01	1.51465028282	06	8.74210532036	05	3.02544885763	04	5.57140573867	02	-9.98859128992	02
-2.75983773072	01	4.27545409198	04	4.27545409198	04	5.28939338140	02	0.0		5.66005400518	01
3.75307054847	03										

## POINT

3.69386761210	05	8.85000000000	03	0.0		9.81916421248	03	1.39794923554	04	9.89321371911	-01
2.99172305517	01	-2.06542968750	00	8.50561523437	01	-5.93261718750	-01	-1.38427734375	00	8.51220703125	01
-7.47070312500	-01	1.51576425802	06	8.72209770536	05	3.01993321080	04	5.52194262175	02	-9.93846587867	02

EDIT OF MARSROT TAPE #20414415	/EYLES	/DUPLICATE LANDING	EDIT CONTROL REVISION 001	07/26/69 OF AGC	3:02 PROGRAM LMY99	PAGE	23				
-2.75564929134 3.73079428773	01 03	4.26404027220	04	4.26404027220	04	5.28939338140	02	0.0	5.75461047497	01	
POINT											
3.69388761292 2.98426533810 -7.47070312500 -2.75132410366 3.70848257752	05 01 -01 01 03	8.90000000000 -1.98852539062 1.51686838102 4.25242998137	03 00 06 04	0.0 8.50341796875 8.70218947822 4.25242998137	01 01 05 04	9.81974177599 -5.71289062500 3.01442569739 5.28939338140	03 -01 04 02	1.39428673649 -1.38427734375 5.47246440757 0.0	04 00 02 01	9.87536930149 8.49023437500 -9.88819427432 5.85590441081	-01 01 02 01
POINT											
3.69390761224 2.97685265027 -7.47070312500 -2.74625664464 3.68611730343	05 01 -01 01 03	8.95000000000 -1.92260742187 1.51796252982 4.24061819513	03 00 06 04	0.0 8.47375488281 8.68238351850 4.24061819513	01 01 05 04	9.82031929618 -4.94384765625 3.00892789979 5.28939338140	03 -01 04 02	1.39062423345 -1.38427734375 5.42316640367 0.0	04 00 02 01	9.85755946633 8.46826171875 -9.83760333304 5.95553789391	-01 01 02 01
POINT											
3.69392761281 2.96948406745 -7.47070312500 -2.74082727142 3.66371311631	05 01 -01 01 03	9.00000000000 -1.85668945312 1.51904689796 4.22860866017	03 00 06 04	0.0 8.45397949218 8.66267774088 4.22860866017	01 01 05 04	9.82089685261 -5.05371093750 3.00344046402 5.28939338140	03 -01 04 02	1.38696173040 -1.38427734375 5.37406316108 0.0	04 00 02 01	9.83978624930 8.44628906250 -9.78673620186 6.05372896469	-01 01 02 01
POINT											
3.69394761241 2.96216048838 -7.47070312500 -2.73559282881 3.64126745868	05 01 -01 01 03	9.05000000000 -1.79077148437 1.52012139800 4.21640354910	03 00 06 04	0.0 8.43420410156 8.64307486960 4.21640354910	01 01 05 04	9.82147438069 -5.27343750000 2.99796397991 5.28939338140	03 -01 04 02	1.38358055836 -1.38427734375 5.32512232209 0.0	04 00 02 01	9.82205152973 8.42431640625 -9.73560185389 6.15159881864	-01 01 02 01
POINT											
3.69396761229 2.95488154423 -7.47070312500 -2.73058987608 3.61876365593	05 01 -01 01 03	9.10000000000 -1.72485351562 1.52118612863 4.20400269913	03 00 06 04	0.0 8.42102050781 8.62357422833 4.20400269913	01 01 05 04	9.82205191694 -5.38330078125 2.99249761186 5.28939338140	03 -01 04 02	1.37963672431 -1.38427734375 5.27629270472 0.0	04 00 02 01	9.80435255661 8.42431640625 -9.68417165068 6.25008757320	-01 01 02 01
POINT											
3.69398761215 2.94764744369 -7.47070312500 -2.72588217136 3.59622475352	05 01 -01 01 03	9.15000000000 -1.65893554687 1.52224107784 4.19139723127	03 00 06 04	0.0 8.42211914062 8.60417653952 4.19139723127	01 01 05 04	9.82262945277 -5.71289062500 2.98704097068 5.28939338140	03 -01 04 02	1.37569249026 -1.38427734375 5.22741892948 0.0	04 00 02 01	9.78668819035 8.40234375000 -9.63261480843 6.35635125410	-01 01 02 01
POINT											
3.69400761230 2.94045815881 -7.47070312500 -2.72099885210 3.57363531314	05 01 -01 01 03	9.20000000000 -1.59301757812 1.52328627145 4.17857916190	03 00 06 04	0.0 8.38696289062 8.58488190949 4.17857916190	01 01 05 04	9.82320697000 -5.49316406250 2.98159379461 5.28939338140	03 -01 04 02	1.37202958722 -1.38427734375 5.17874328209 0.0	04 00 02 01	9.76905769242 8.37927246093 -9.58074177223 6.46034559235	-01 01 02 01
POINT											
3.69402761256 2.93331385534 -7.47070312500 -2.71590327179	05 01 -01 01	9.25000000000 -1.52709960937 1.52432175559 4.16555918373	03 00 06 04	0.0 8.36279296375 8.56569123616 4.16555918373	01 01 05 04	9.82378454422 -5.38330078125 2.97615652373 5.28939338140	03 -01 04 02	1.36808575317 -1.38427734375 5.13035268589 0.0	04 00 02 01	9.75146230577 8.35839843750 -9.52853786348 6.55932608422	-01 01 02 01



POINT											
3.69420761266	05	9.70000000000	03	0.0	9.82898240523	03	1.33174245371	04	9.59488360470	-01	
2.87105590786	01	-9.22851562500	-01	8.23645019531	01	-4.61425781250	-01	-1.38427734375	00	8.24853515625	01
-7.47070312500	-01	1.53320906319	06	8.39774729498	05	2.92772927957	04	4.70049792897	02	-9.04716144505	02
-2.66395269203	01	4.03943017500	04	4.03943017500	04	5.28939338140	02	0.0		7.47847176892	01
3.34524737309	03										

POINT											
3.69422761213	05	9.75000000000	03	0.0	9.82955992974	03	1.32779821966	04	9.57769410161	-01	
2.86436701998	01	-8.56933593750	-01	8.21777343750	01	-4.39453125000	-01	-1.38427734375	00	8.22656250000	01
-5.27343750000	-01	1.53414887065	06	8.37962651832	05	2.92240789772	04	4.65319413447	02	-8.99241712097	02
-2.65727146410	01	4.02436369782	04	4.02436369782	04	5.28939338140	02	0.0		7.58848334129	01
3.32213016801	03										

POINT											
3.69424761209	05	9.80000000000	03	0.0	9.83013746650	03	1.32357225461	04	9.56055361971	-01	
2.85772402798	01	-7.91015625000	-01	8.20129394531	01	-3.62548828125	-01	-1.38427734375	00	8.20458984375	01
-5.27343750000	-01	1.53507924399	06	8.36161496888	05	2.91710062096	04	4.60602588888	02	-8.99241712097	02
-2.64965336822	01	4.00907627696	04	4.00907627696	04	5.28939338140	02	0.0		7.69876473039	01
3.29897039437	03										

POINT											
3.69426761228	05	9.85000000000	03	0.0	9.83071501377	03	1.31906455855	04	9.54346609228	-01	
2.85112711632	01	-7.25097656250	-01	8.18041592187	01	-4.06494140625	-01	-1.38427734375	00	8.20458984375	01
-5.27343750000	-01	1.53600020275	06	8.34371343937	05	2.91180866465	04	4.55903792179	02	-8.88214482965	02
-2.64210210755	01	3.95356998095	04	3.99356998095	04	5.28939338140	02	0.0		7.80722965228	01
3.27575891904	03										

EVENT											
3.69426761228	05	2.07500000000	03	0.0	1.53600020275	06	8.34371343937	05	2.91180866465	04	
2.85112711632	01										
4.00000000000	00	0.0		3.40000000000	01	2.20000000000	01	5.10000000000	01	9.99000000000	02

POINT											
3.69428761216	05	9.90000000000	03	0.0	9.83129255006	03	1.31483859350	04	9.52643095659	-01	
2.84457655065	01	-6.59179687500	-01	8.16174316406	01	-3.73535156250	-01	-1.38427734375	00	8.18261718750	01
-5.27343750000	-01	1.53691175632	06	8.32592294732	05	2.90653187500	04	4.51221506878	02	-8.82661368446	02
-2.63443119307	01	3.97784741640	04	3.97784741640	04	5.28939338140	02	0.0		7.91505378630	01
3.25250881575	03										

POINT											
3.69430761285	05	9.95000000000	03	0.0	9.83187010970	03	1.31033089744	04	9.50944871206	-01	
2.83807206171	01	-5.93261718750	-01	8.14416503906	01	-3.73535156250	-01	-1.38427734375	00	8.16064453125	01
-5.27343750000	-01	1.53781398962	06	8.30824306152	05	2.90127041821	04	4.46555615606	02	-8.77078480383	02
-2.62658008265	01	3.96191040930	04	3.96191040930	04	5.28939338140	02	0.0		8.02141739290	01
3.22920440164	03										

POINT											
3.69432761231	05	1.00000000000	04	0.0	9.83244763409	03	1.30582320138	04	9.49252162600	-01	
2.83161441380	01	-5.27343750000	-01	8.13867187500	01	-3.84521484375	-01	-1.38427734375	00	8.16064453125	01
-5.27343750000	-01	1.53870683497	06	8.29067610805	05	2.89602499507	04	4.41895241942	02	-8.71472077195	02
-2.61877864831	01	3.94575987871	04	3.94575987871	04	5.28939338140	02	0.0		8.13045353092	01
3.20584674103	03										

POINT											
3.69434761242	05	1.00500000000	04	0.0	9.83302517687	03	1.30159723633	04	9.47564817938	-01	
2.82520310789	01	-4.61425781250	-01	8.12988281250	01	-3.73535156250	-01	-1.38427734375	00	8.13867187500	01

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 -2.61086936266 01 3.92938586363 04 3.92938586363 04 5.28939338140 02 0.0 8.24353652067 01  
 3.18244227412 03

POINT

3.69436761247 05 1.01000000000 04 0.0 9.83360271812 03 1.25708954027 04 9.45882838860 -01  
 2.81883847177 01 -3.84521484375 -01 8.10461425781 01 -4.28466796875 -01 -1.38427734375 00 8.13867187500 02  
 -5.27343750000 -01 1.54046461364 06 8.25587846568 05 2.88558073089 04 4.32599105740 02 -8.60186911464 02  
 -2.60330561231 01 3.91278819396 04 3.91278819396 04 5.28927900933 02 5.71858926516 -03 8.35371224983 01  
 3.15897847848 03

POINT

3.69438761260 05 1.01500000000 04 0.0 9.83418026188 03 1.29230011321 04 9.44205983505 -01  
 2.81252056465 01 -3.95507812500 -01 8.09362792968 01 -4.28466796875 -01 -1.38427734375 00 8.11779785156 01  
 -5.27343750000 -01 1.54132958085 06 8.23864937853 05 2.88038118301 04 4.279773441450 02 -8.54503865493 02  
 -2.59596009426 01 3.89597035751 04 3.89597035751 04 5.28927900933 02 0.0 8.46431122804 01  
 3.13547111061 03

POINT

3.69440761234 05 1.02000000000 04 0.0 9.83475779421 03 1.28751068615 04 9.42534287860 -01  
 2.80624963504 01 -3.95507812500 -01 8.07934570312 01 -4.17480468750 -01 -1.38427734375 00 8.09582519531 01  
 -5.27343750000 -01 1.54218528085 06 8.22153450279 05 2.87519655949 04 4.23358512680 02 -8.48794619637 02  
 -2.58845684920 01 3.87893084622 04 3.87893084622 04 5.28927900933 02 0.0 8.57549668131 01  
 3.11191001326 03

POINT

3.69442761234 05 1.02500000000 04 0.0 9.83533533401 03 1.28300299010 04 9.40867949601 -01  
 2.80002558853 01 -4.06494140625 -01 8.07165527343 01 -3.29589843750 -01 -1.38427734375 00 8.09582519531 01  
 -3.07617187500 -01 1.54303176160 06 8.20453380519 05 2.87002745737 04 4.18750196352 02 -8.43059466879 02  
 -2.58018026187 01 3.86166757471 04 3.86166757471 04 5.28927900933 02 0.0 8.68843003899 01  
 3.08828896042 03

POINT

3.69444761264 05 1.03000000000 04 0.0 9.83591288221 03 1.27821356304 04 9.39207632696 -01  
 2.79384852579 01 -4.06494140625 -01 8.06506347656 01 -3.62548828125 -01 -1.38427734375 00 8.07385253906 01  
 -3.07617187500 -01 1.54386902821 06 8.18764769755 05 2.86487586913 04 4.14142634738 02 -8.37306085975 02  
 -2.57131475629 01 3.84417310967 04 3.84417310967 04 5.28927900933 02 0.0 8.80596665572 01  
 3.06462120539 03

POINT

3.69446761222 05 1.03500000000 04 0.0 9.83649041010 03 1.27342413598 04 9.37553003345 -01  
 2.78771886839 01 -4.17480468750 -01 8.04748535156 01 -4.39453125000 -01 -1.38427734375 00 8.07385253906 01  
 -3.07617187500 -01 1.54469705467 06 8.17087753376 05 2.85974077014 04 4.09548612734 02 -8.31520202156 02  
 -2.56371923178 01 3.82644535096 04 3.82644535096 04 5.28927900933 02 0.0 8.92228932494 01  
 3.04088659816 03

POINT

3.69448761238 05 1.04000000000 04 0.0 9.83706795433 03 1.26863470892 04 9.35903874028 -01  
 2.78163633475 01 -4.17480468750 -01 8.03759765625 01 -3.07617187500 -01 -1.38427734375 00 8.05187988281 01  
 -3.07617187500 -01 1.54551591509 06 8.15422277003 05 2.8562158414 04 4.04962445937 02 -8.25714218914 02  
 -2.55495498872 01 3.80848216294 04 3.80848216294 04 5.28927900933 02 0.0 9.04076357662 01  
 3.01711000538 03

POINT

3.69450761210 05 1.04500000000 04 0.0 9.83764548619 03 1.26384528186 04 9.34261043826 -01  
 2.77560132614 01 -4.28466796875 -01 8.01562500000 01 -2.9630859375 -01 -1.38427734375 00 8.02990722656 01  
 -3.07617187500 -01 1.54622559424 06 8.13768474431 05 2.84952075636 04 4.00394898199 02 -8.19877285149 02

EOIT OF MARSHOT TAPE	#20414415	/EYLES	/DUPLICATE LANDING			EOIT CONTROL	07/26/69	3:02	PAGE	27
						REVISION	001 OF AGC	PROGRAM	LMY99	
-2.54562586397	01	3.79028461062	04	3.79028461062	04	5.28927900933	02	0.0	9.15661561980	01
2.99327680117	03									
POINT										
3.69452761226	05	1.05000000000	04	0.0	9.83822303053	03	1.25849239279	04	9.32624740311	-01
2.76961368160	01	-4.28466796875	-01	7.99804687500	01	-2.85644531250	-01	-1.38427734375	00	8.00793457031
-3.07617187500	-01	1.54712616552	06	8.12126332189	05	2.84443900671	04	3.95845587218	02	-8.14013924653
-2.53587558078	01	3.77185691848	04	3.77185691848	04	5.28927900933	02	0.0	9.27060473964	01
2.96939939367	03									
POINT										
3.69454761214	05	1.05000000000	04	0.0	9.83880056683	03	1.25370256573	04	9.30995270152	-01
2.76367371430	01	-4.28466796875	-01	7.98156738281	01	-1.86765778125	-01	-1.38427734375	00	8.00793457031
-8.78906250000	-02	1.54791763436	06	8.10495964187	05	2.83937729449	04	3.91210894712	02	-8.08121604275
-2.52535752471	01	3.75320312277	04	3.75320312277	04	5.28927900933	02	0.0	9.38334984760	01
2.94546435142	03									
POINT										
3.69456761227	05	1.06000000000	04	0.0	9.83937811051	03	1.24863180767	04	9.29373728589	-01
2.75778137075	01	-4.39453125000	-01	7.97387695312	01	-2.19726562500	-02	-1.38427734375	00	7.98596191406
-8.78906250000	-02	1.54870004262	06	8.08877377024	05	2.83433895583	04	3.86783431371	02	-8.02208608752
-2.51250244697	01	3.73432167845	04	3.73432167845	04	5.28927900933	02	0.0	9.49813024870	01
2.92148287081	03									
POINT										
3.69458761228	05	1.06500000000	04	0.0	9.83995565059	03	1.24327891860	04	9.27760752841	-01
2.75193687509	01	-4.39453125000	-01	7.96069335937	01	-1.75781250000	-01	-1.38427734375	00	7.98596191406
-8.78906250000	-02	1.54947339338	06	8.07270652431	05	2.82932593060	04	3.82266570458	02	-7.96265256006
-2.50059182196	01	3.71521120959	04	3.71521120959	04	5.28927900933	02	0.0	9.61263785765	01
2.89743476872	03									
POINT										
3.69460761229	05	1.07000000000	04	0.0	9.84053319062	03	1.23820776054	04	9.26155692346	-01
2.74614030284	01	-4.50439453125	-01	7.94970703125	01	-1.20849609375	-01	-1.38427734375	00	7.96398925781
-8.78906250000	-02	1.55023770839	06	8.05675830640	05	2.82433622658	04	3.77757246057	02	-7.90301048304
-2.48874697117	01	3.69586931952	04	3.69586931952	04	5.28927900933	02	0.0	9.72912024400	01
2.87334206521	03									
POINT										
3.69462761230	05	1.07500000000	04	0.0	9.84111073065	03	1.23285487147	04	9.24559000698	-01
2.74039175698	01	-4.50439453125	-01	7.92663574218	01	-6.59179687500	-02	-1.38427734375	00	7.94201660156
-8.78906250000	-02	1.55099301416	06	8.04092563660	05	2.81937123543	04	3.73267774879	02	-7.84306424927
-2.47594726652	01	3.67629703686	04	3.67629703686	04	5.28927900933	02	0.0	9.84245156881	01
2.84919448410	03									
POINT										
3.69464761217	05	1.08000000000	04	0.0	9.84168826681	03	1.22722025140	04	9.22971013216	-01
2.73469137798	01	-4.50439453125	-01	7.90795898437	01	-8.78906250000	-02	-1.38427734375	00	7.94201660156
-8.78906250000	-02	1.55173935086	06	8.02522123275	05	2.81443202241	04	3.68799567905	02	-7.78280932523
-2.46313067724	01	3.65650241781	04	3.65650241781	04	5.28927900933	02	0.0	9.95216515382	01
2.82499341828	03									
POINT										
3.69466761231	05	1.08500000000	04	0.0	9.84226581071	03	1.22186736233	04	9.21391414657	-01
2.72903915534	01	-4.61425731250	-01	7.89916992187	01	-1.75781250000	-01	-1.38427734375	00	7.92004394531
-8.78906250000	-02	1.55247676111	06	8.00963330490	05	2.80951763463	04	3.64338914974	02	-7.72233793059
-2.45118315828	01	3.63648655472	04	3.63648655472	04	5.28927900933	02	0.0	1.00636464782	02





## POINT

3.69484761214	05	1.13000000000	04	0.0	9.84746366374	03	1.16833847166	04	9.07558765809	-01	
2.68035942009	01	-5.05371093750	-01	7.79699707031	01	-1.75781250000	-01	-1.38427734375	00	7.81018066406	01
-8.78906250000	-02	1.55871413568	06	7.87485898831	05	2.76642373271	04	3.24629221294	02	-7.1662222411	02
-2.33598964995	01	3.44617623396	04	3.44617623396	04	5.28927900933	02	0.0		1.10776069813	02
2.57986938145	03										

## POINT

3.69486761215	05	1.13500000000	04	0.0	9.84804120401	03	1.16214038958	04	9.06064955312	-01	
2.67519599662	01	-5.16357421875	-01	7.78161621093	01	-2.19726562500	-01	-1.38427734375	00	7.81018066406	01
-8.78906250000	-02	1.55936322094	06	7.86050663797	05	2.76176335089	04	3.20268982887	02	-7.10308192536	02
-2.32419715377	01	3.42390927030	04	3.42390927030	04	5.28927900933	02	0.0		1.11893343330	02
2.55502867711	03										

## POINT

3.69489761215	05	1.14000000000	04	0.0	9.84861874381	03	1.15537884550	04	9.04579265686	-01	
2.67008211403	01	-5.16357421875	-01	7.77612304687	01	-1.42822265625	-01	-1.38427734375	00	7.78820800781	01
-8.78906250000	-02	1.56000358305	06	7.84628076221	05	2.75712698700	04	3.15913754126	02	-7.03973262665	02
-2.31176765462	01	3.40141700172	04	3.40141700172	04	5.28927900933	02	0.0		1.13031546382	02
2.53013671810	03										

## POINT

3.69490761244	05	1.14500000000	04	0.0	9.84919629191	03	1.14889903241	04	9.03102348588	-01	
2.66501780976	01	-5.16357421875	-01	7.75634765625	01	-8.78906250000	-02	-1.38427734375	00	7.78820800781	01
-8.78906250000	-02	1.56063524963	06	7.83218164292	05	2.75251662480	04	3.11573740879	02	-6.97607395360	02
-2.29821468905	01	3.37869845789	04	3.37869845789	04	5.28927900933	02	0.0		1.14145246309	02
2.50517855016	03										

## POINT

3.69492761245	05	1.15000000000	04	0.0	9.84977383191	03	1.14185575733	04	9.01634717446	-01	
2.66000335003	01	-5.27343750000	-01	7.74645996093	01	-3.29589843750	-02	-1.38427734375	00	7.76623535156	01
1.31835937500	-01	1.56125823392	06	7.81821026860	05	2.74793385650	04	3.07246511918	02	-6.91216477362	02
-2.28410805042	01	3.35575892397	04	3.35575892397	04	5.28927900933	02	0.0		1.15250160939	02
2.48016818370	03										

## POINT

3.69494761248	05	1.15500000000	04	0.0	9.85035137253	03	1.13509421324	04	9.00177211043	-01	
2.65503876415	01	-5.27343750000	-01	7.72778320312	01	8.78906250000	-02	-1.38427734375	00	7.74426269531	01
1.31835937500	-01	1.56187257163	06	7.80436693084	05	2.74338124830	04	3.02935542236	02	-6.84797220912	02
-2.26809917073	01	3.33267013910	04	3.33267013910	04	5.28927900933	02	0.0		1.16330076833	02
2.45509955495	03										

## POINT

3.69496761302	05	1.16000000000	04	0.0	9.85092892811	03	1.12805053815	04	8.98730474128	-01	
2.65012405629	01	-5.27343750000	-01	7.71789550781	01	7.69042968750	-02	-1.38427734375	00	7.74426269531	01
1.31835937500	-01	1.56247831131	06	7.79065189839	05	2.73886079150	04	2.98637138890	02	-6.78348535753	02
-2.25198676587	01	3.30922737433	04	3.30922737433	04	5.28927900933	02	0.0		1.17394666278	02
2.42996570644	03										

## POINT

3.69498761235	05	1.16500000000	04	0.0	9.85150644844	03	1.12072593206	04	8.97294755576	-01	
2.64525977035	01	-5.38330078125	-01	7.71020507812	01	1.09863281250	-01	-1.38427734375	00	7.72229003906	01
1.31835937500	-01	1.56307541211	06	7.77706683039	05	2.73437324254	04	2.94342415232	02	-6.71880497248	02
-2.23541689080	01	3.28564003032	04	3.28564003032	04	5.28927900933	02	0.0		1.18484312099	02
2.40478256499	03										

## POINT

3.69500761236	05	1.17000000000	04	0.0		9.85208398863	03	1.11368265697	04	8.95870203232	-01
2.64044556460	01	-5.38330078125	-01	7.69152832031	01	8.78506250000	-02	-1.38427734375	00	7.72249003906	01
1.31835937500	-01	1.56366395481	06	7.76361097557	05	2.72991905224	04	2.90066050563	02	-6.65377388244	02
-2.21864672247	01	3.26183800433	04	3.26183800433	04	5.28927900933	02	0.0		1.19532406930	02
2.37952562549	03										

## POINT

3.69502761236	05	1.17500000000	04	0.0		9.85266152830	03	1.10607591988	04	8.94456878773	-01
2.63568173873	01	-5.49316406250	-01	7.68603515625	01	1.31835937500	-01	-1.38427734375	00	7.70031738281	01
1.31835937500	-01	1.56424394582	06	7.75028539459	05	2.72549843142	04	2.85796821817	02	-6.58852256517	02
-2.20167097756	01	3.23782596954	04	3.23782596954	04	5.28927900933	02	0.0		1.20590588266	02
2.35421661355	03										

## POINT

3.69504761225	05	1.18000000000	04	0.0		9.85323906494	03	1.09875091379	04	8.93054967865	-01
2.63096843986	01	-5.49316406250	-01	7.67614746093	01	9.88769531250	-02	-1.38427734375	00	7.70031738281	01
1.31835937500	-01	1.56481539555	06	7.73709064708	05	2.72111193960	04	2.81534850798	02	-6.52297355609	02
-2.18467100013	01	3.21360252627	04	3.21360252627	04	5.28927900933	02	0.0		1.21646850890	02
2.32883300635	03										

## POINT

3.69506761224	05	1.18500000000	04	0.0		9.85381660452	03	1.09086244569	04	8.91664432830	-01
2.62630575121	01	-5.49316406250	-01	7.66406250000	01	8.78906250000	-02	-1.38427734375	00	7.67724609375	01
1.31835937500	-01	1.56537832406	06	7.72402712266	05	2.71675945777	04	2.77280911836	02	-6.45719217177	02
-2.16767848908	01	3.18916671383	04	3.18916671383	04	5.28927900933	02	0.0		1.22707961192	02
2.30339502712	03										

## POINT

3.69508761254	05	1.19000000000	04	0.0		9.85439415299	03	1.08325570859	04	8.90285163320	-01
2.62169375320	01	-5.60302734375	-01	7.64868164062	01	9.88769531250	-02	-1.38427734375	00	7.67724609375	01
1.31835937500	-01	1.56593276252	06	7.71109525473	05	2.71244066443	04	2.73043386916	02	-6.39108833304	02
-2.15080503684	01	3.16452155849	04	3.16452155849	04	5.28927900933	02	0.0		1.23735745091	02
2.27788832746	03										

## POINT

3.69510761220	05	1.19500000000	04	0.0		9.85497168287	03	1.07508550949	04	8.88917176695	-01
2.61713278752	01	-5.60302734375	-01	7.63879394531	01	2.19726562500	-02	-1.38427734375	00	7.65637207031	01
1.31835937500	-01	1.56647871355	06	7.69829622204	05	2.70815563889	04	2.68817923012	02	-6.32474630566	02
-2.13431838283	01	3.13967260502	04	3.13967260502	04	5.28927900933	02	0.0		1.24754970918	02
2.25233145332	03										

## POINT

3.69512761213	05	1.20000000000	04	0.0		9.85554922061	03	1.06691531039	04	8.87559780005	-01
2.61262276483	01	-5.71289062500	-01	7.62011718750	01	-3.29589843750	-02	-1.38427734375	00	7.63220214843	01
1.31835937500	-01	1.56701623186	06	7.68562999439	05	2.70390228605	04	2.64610527847	02	-6.25808221889	02
-2.11890096446	01	3.11462318861	04	3.11462318861	04	5.28927900933	02	0.0		1.25735577656	02
2.22670894087	03										

## POINT

3.69514761222	05	1.20500000000	04	0.0		9.85612676304	03	1.05874511128	04	8.86212747975	-01
2.60818384122	01	-5.71289062500	-01	7.61352539062	01	2.19726562500	-02	-1.38427734375	00	7.63220214843	01
1.31835937500	-01	1.56754534504	06	7.67309723994	05	2.69967994653	04	2.60412439614	02	-6.19113810791	02
-2.10308719843	01	3.08937896680	04	3.08937896680	04	5.28927900933	02	0.0		1.26708231714	02
2.20101885520	03										

## POINT

3.69516761211	05	1.21000000000	04	0.0		9.85670429978	03	1.05001145017	04	8.84876566514	-01
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EIOIT OF MARSROT TAPE #20414415 /EYLF5				/DUPLICATE LANOING				EIOIT.CONTROL REVISION 001 OF AGC		07/26/69 PROGRAM LMY99		PAGE	31
2.60375622637	01	-5.82275390625	-01	7.60473632812	01	7.69042968750	-02	-1.38427734375	00	7.61132812500	01		
1.31835937500	-01	1.56806605089	06	7.66069866122	05	2.69549008898	04	2.56217825853	02	-6.12399873740	02		
-2.08644512871	01	3.06393750815	04	3.06393750815	04	5.28927900933	02	0.0		1.27701662373	02		
2.17527718423	03												
POINT													
3.69518761240	05	1.21500000000	04	0.0		9.85728184794	03	1.04155952007	04	8.83551743359	-01		
2.59939991483	01	-5.82275390625	-01	7.58056640625	01	1.20849609375	-01	-1.38427734375	00	7.58935546875	01		
1.31835937500	-01	1.56857839637	06	7.64843447066	05	2.69133428365	04	2.52049577148	02	-6.05649116506	02		
-2.06895497068	01	3.03830390989	04	3.03830390989	04	5.28927900933	02	0.0		1.28622946272	02		
2.14946583888	03												
POINT													
3.69520761217	05	1.22000000000	04	0.0		9.85785938099	03	1.03254412795	04	8.82238783659	-01		
2.59509522797	01	-5.82275390625	-01	7.57397460937	01	1.42822265625	-01	-1.38427734375	00	7.58825683533	01		
1.31835937500	-01	1.56908240174	06	7.63630585622	05	2.68721412184	04	2.47893592018	02	-5.98870871141	02		
-2.05094717376	01	3.01248953185	04	3.01248953185	04	5.28927900933	02	0.0		1.29526766489	02		
2.12359199489	03												
POINT													
3.69522761218	05	1.22500000000	04	0.0		9.85843692115	03	1.02352873584	04	8.80938106107	-01		
2.59084212449	01	-5.93261718750	-01	7.56188964843	01	1.86767578125	-01	-1.38427734375	00	7.56738281250	01		
1.31835937500	-01	1.56957809697	06	7.62431282285	05	2.68313086499	04	2.43743016289	02	-5.92072428930	02		
-2.03206425530	01	2.98649168209	04	2.98649168209	04	5.28927900933	02	0.0		1.30443105866	02		
2.09766652950	03												
EVENT													
3.69522761218	05	2.09000000000	03	0.0		1.56957809697	06	7.62431282285	05	2.68313086499	04		
2.59084212449	01												
3.00000000000	00	0.0		3.40000000000	01	2.20000000000	01	5.10000000000	01	9.99000000000	02		
POINT													
3.69524761261	05	1.23000000000	04	0.0		9.85901447337	03	1.01451334373	04	8.79649856443	-01		
2.58664070126	01	-5.93261718750	-01	7.54101562500	01	1.64794921875	-01	-1.38427734375	00	7.56738281250	01		
1.31835937500	-01	1.57006552155	06	7.61245588867	05	2.67908499111	04	2.39618610506	02	-5.85234769268	02		
-2.01352367861	01	2.96031792428	04	2.96031792428	04	5.28927900933	02	0.0		1.31283503569	02		
2.07166536539	03												
POINT													
3.69526761264	05	1.23500000000	04	0.0		9.85959201410	03	1.00493448961	04	8.78373996026	-01		
2.58249124975	01	-5.93261718750	-01	7.53222656250	01	1.86767578125	-01	1.53808593750	-01	7.54541015625	01		
1.31835937500	-01	1.57054469195	06	7.60073611656	05	2.67507642138	04	2.35504466641	02	-5.78377080777	02		
-1.99475025168	01	2.93397690446	04	2.93397690446	04	5.28927900933	02	0.0		1.32121633890	02		
2.04562032084	03												
POINT													
3.69528761278	05	1.24000000000	04	0.0		9.86016955787	03	9.95355635492	03	8.77110645443	-01		
2.57839377618	01	-6.04248046875	-01	7.50476074218	01	1.42822265625	-01	1.53808593750	-01	7.52343750000	01		
1.31835937500	-01	1.57101565590	06	7.58515375548	05	2.67110556293	04	2.31418767756	02	-5.71484092724	02		
-1.97598698900	01	2.90747494678	04	2.90747494678	04	5.28927900933	02	0.0		1.32881506136	02		
2.01951281412	03												
POINT													
3.69530761212	05	1.24500000000	04	0.0		9.86074707850	03	9.85495050368	03	8.75859832229	-01		
2.57434858872	01	-6.04248046875	-01	7.49597167568	01	2.19726562500	-01	1.53808593750	-01	7.52343750000	01		
1.31835937500	-01	1.57147844747	06	7.57771000544	05	2.66711253561	04	2.27352124774	02	-5.64561218705	02		
-1.95674325272	01	2.88082805535	04	2.88082805535	04	5.28927900933	02	0.0		1.33597861447	02		



## POINT

3.69548761221	05	1.29000000000	04	0.0		9.86594493925	03	8.85198813109	03	8.65210324458	-01
2.54030525561	01	-6.37207031250	-01	7.25427246093	01	1.97753906250	-01	1.53808593750	-01	7.28063964843	01
1.31835937500	-01	1.57528335602	06	7.48102388928	05	2.63361792908	04	1.91960458741	02	-5.00917225898	02
-1.77151046606	01	2.63592956577	04	2.63592956577	04	5.28927900933	02	0.0		1.36967211222	02
1.75559532259	03										

## POINT

3.69550761223	05	1.29500000000	04	0.0		9.86652247983	03	8.72802648954	03	8.64094217822	-01
2.53678650393	01	-6.37207031250	-01	7.23449707031	01	1.86767578125	-01	1.53808593750	-01	7.25866699218	01
1.31835937500	-01	1.57566753301	06	7.47099392460	05	2.63009503197	04	1.88230752834	02	-4.93686855514	02
-1.75119437945	01	2.60855447542	04	2.60855447542	04	5.28927900933	02	0.0		1.36772175810	02
1.72899419859	03										

## POINT

3.69552761282	05	1.30000000000	04	0.0		9.86710003667	03	8.59843022791	03	8.62991287779	-01
2.53332159475	01	-6.37207031250	-01	7.20263671875	01	1.97753906250	-01	1.53808593750	-01	7.21472167968	01
1.31835937500	-01	1.57604427841	06	7.46110855206	05	2.62661277610	04	1.84537305406	02	-4.86427502593	02
-1.73073223064	01	2.58122638488	04	2.58122638488	04	5.28927900933	02	0.0		1.36477376854	02
1.70235715408	03										

## POINT

3.69554761256	05	1.30500000000	04	0.0		9.86767756894	03	8.46601665625	03	8.61901650500	-01
2.52990963573	01	-6.48193359375	-01	7.15759277343	01	1.86767578125	-01	1.53808593750	-01	7.19274902343	01
1.31835937500	-01	1.57641367426	06	7.45136912422	05	2.62317164924	04	1.80904246676	02	-4.79130703749	02
-1.71026759198	01	2.55397599931	04	2.55397599931	04	5.28927900933	02	0.0		1.35998867535	02
1.67569286505	03										

## POINT

3.69556761229	05	1.31000000000	04	0.0		9.86825510079	03	8.33078577455	03	8.60825181374	-01
2.52655095196	01	-6.48193359375	-01	7.14001464843	01	1.86767578125	-01	1.53808593750	-01	7.14880371093	01
1.31835937500	-01	1.57677584414	06	7.44177594661	05	2.61977140878	04	1.77310912673	02	-4.71804910956	02
-1.68982469051	01	2.52683469603	04	2.52683469603	04	5.28927900933	02	0.0		1.35409076759	02
1.64899709711	03										

## POINT

3.69558761249	05	1.31500000000	04	0.0		9.86883264633	03	8.18992027279	03	8.59761907139	-01
2.52324552064	01	-6.48193359375	-01	7.09536523437	01	2.30712850625	-01	1.53808593750	-01	7.12683105468	01
3.51562500000	-01	1.57713086767	06	7.43232929009	05	2.61641221101	04	1.73759479621	02	-4.64448088273	02
-1.66893343515	01	2.49982050373	04	2.49982050373	04	5.28927900933	02	0.0		1.34697769985	02
1.62226612463	03										

## POINT

3.69560761251	05	1.32000000000	04	0.0		9.86941018656	03	8.04623746098	03	8.58712482847	-01
2.51999354013	01	-6.59179687500	-01	7.07849121093	01	2.52685546875	-01	1.53808593750	-01	7.10485839843	01
3.51562500000	-01	1.57747882778	06	7.42303018360	05	2.61309617771	04	1.70250866305	02	-4.57059597933	02
-1.64691991934	01	2.47296328546	04	2.47296328546	04	5.28927900933	02	0.0		1.33860925517	02
1.59549955370	03										

## POINT

3.69562761251	05	1.32500000000	04	0.0		9.86998772672	03	7.89692002911	03	8.57677209622	-01
2.51679507095	01	-6.59179687500	-01	7.05871582031	01	3.29589843750	-01	1.53808593750	-01	7.08288574218	01
3.51562500000	-01	1.57781979299	06	7.41387912217	05	2.60982429951	04	1.66770306412	02	-4.49643379145	02
-1.62452344320	01	2.44628121488	04	2.44628121488	04	5.28927900933	02	0.0		1.32945895448	02
1.56868543930	03										

## POINT

3.69564761215	05	1.33000000000	04	0.0	9.87056525593	03	7.74478528720	03	8.56656784176	-01	
2.51365025899	01	-6.59179687500	-01	7.02905273437	01	3.95507812500	-01	1.53808593750	-01	7.03894042568	01
3.51562500000	-01	1.57815382061	06	7.40487683388	05	2.60659877066	04	1.63326717350	02	-4.42197012837	02
-1.60071136990	01	2.41979258825	04	2.41979258825	04	5.28927900933	02	0.0		1.31923257064	02
1.54183132514	03										

## POINT

3.69566761232	05	1.33500000000	04	0.0	9.87114280063	03	7.58701592522	03	8.55651705178	-01	
2.51055903145	01	-6.26220703125	-01	6.99169921875	01	4.06494140625	-01	3.73535156250	-01	7.01696777343	01
3.51562500000	-01	1.57848101594	06	7.39602353542	05	2.60342121510	04	1.59935027640	02	-4.34717150732	02
-1.57667598876	01	2.39352292864	04	2.39352292864	04	5.28901963377	02	1.29686676600	-02	1.30743621249	02
1.51494795640	03										

## POINT

3.69568761304	05	1.34000000000	04	0.0	9.87172036120	03	7.42642925320	03	8.54662158354	-01	
2.50752146046	01	-3.95507812500	-01	6.96752929687	01	4.61425781250	-01	3.73535156250	-01	6.99499511718	01
3.51562500000	-01	1.57880147738	06	7.38731989640	05	2.60029232398	04	1.56585662775	02	-4.27206552674	02
-1.55171826986	01	2.36750213358	04	2.36750213358	04	5.28901963377	02	0.0		1.29437940840	02
1.48802918268	03										

## POINT

3.69570761225	05	1.34500000000	04	0.0	9.87229787823	03	7.26020796112	03	8.53688980472	-01	
2.50453792959	01	-1.64794921875	-01	6.94006347656	01	5.93261718750	-01	3.73535156250	-01	6.95104980468	01
5.71289062500	-01	1.57911524524	06	7.37876735862	05	2.59721473925	04	1.53271908852	02	-4.19670605057	02
-1.52536534021	01	2.34175378671	04	2.34175378671	04	5.28901963377	02	0.0		1.28032914528	02
1.46108093916	03										

## POINT

3.69572761329	05	1.35000000000	04	0.0	9.87287544805	03	7.08835204896	03	8.52733495616	-01	
2.50160800992	01	6.59179687500	-02	6.90490722656	01	7.03125000000	-01	3.73535156250	-01	6.92907714843	01
5.71289062500	-01	1.57942246086	06	7.37036510598	05	2.59419257998	04	1.50009936172	02	-4.12098076186	02
-1.49625835722	01	2.31630032301	04	2.31630032301	04	5.28901963377	02	0.0		1.26463402355	02
1.43409068324	03										

## POINT

3.69574761260	05	1.35500000000	04	0.0	9.87345296788	03	6.91367882677	03	8.51796638016	-01	
2.49873230099	01	2.74658203125	-01	6.89062500000	01	6.48193359375	-01	3.73535156250	-01	6.90930175781	01
5.71289062500	-01	1.57972315886	06	7.36211527595	05	2.59122882040	04	1.46781769221	02	-4.04500341247	02
-1.46756605238	01	2.29117357242	04	2.29117357242	04	5.28901963377	02	0.0		1.24799613397	02
1.40707045336	03										

## POINT

3.69576761216	05	1.36000000000	04	0.0	9.87403049515	03	6.73337098450	03	8.50877717956	-01	
2.49591058410	01	4.94384765625	-01	6.85656738281	01	5.71289062500	-01	3.73535156250	-01	6.86755371093	01
5.71289062500	-01	1.58001743883	06	7.35401756059	05	2.58832142760	04	1.43598036484	02	-3.96872854057	02
-1.43988291895	01	2.26639061550	04	2.26639061550	04	5.28901963377	02	0.0		1.23003155748	02
1.38002196857	03										

## POINT

3.69578761258	05	1.36500000000	04	0.0	9.87460804688	03	6.54742852217	03	8.49975864904	-01	
2.49314284481	01	7.25097656250	-01	6.82031250000	01	4.28466796875	-01	3.73535156250	-01	6.84448242187	01
5.71289062500	-01	1.58030542034	06	7.34607242936	05	2.58546789518	04	1.40472141461	02	-3.89207891219	02
-1.41380032345	01	2.24198540046	04	2.24198540046	04	5.28901963377	02	0.0		1.21023034585	02
1.35294126963	03										

## POINT

3.69580761221	05	1.37000000000	04	0.0	9.87518557620	03	6.35303412973	03	8.49090017796	-01
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2.49042937976 01 9.44824218750 -01 6.80273437500 01 4.28466796875 -01 3.73535156250 -01 6.82360839843 01  
 5.71289062500 -01 1.58058717010 06 7.33828114789 05 2.58266511650 04 1.37378661094 02 -3.81516260237 02  
 -1.38869882697 01 2.21798728286 04 2.21798728286 04 5.28901963377 02 0.0 1.18948869303 02  
 1.32582443187 03

POINT

3.69582761220 05 1.37500000000 04 0.0 9.87576311578 03 6.15582242726 03 8.48220448310 -01  
 2.48777010759 01 1.18652343750 00 6.76867675781 01 5.60302734375 -01 3.73535156250 -01 6.77966308593 01  
 5.71289062500 -01 1.58096277040 06 7.33064378507 05 2.57991398612 04 1.34323779381 02 -3.73798961757 02  
 -1.36193825592 01 2.19441402715 04 2.19441402715 04 5.28901963377 02 0.0 1.16746733681 02  
 1.2988690547 03

POINT

3.69584761163 05 1.38000000000 04 0.0 7.10568236118 03 5.95015879467 03 8.47368280345 -01  
 2.48516503081 01 1.39526367187 00 6.72912597656 01 6.48193359375 -01 3.73535156250 -01 6.75769042968 01  
 7.91015625000 -01 1.58113232806 06 7.32316080401 05 2.57721804893 04 1.31344996877 02 -3.66382457326 02  
 -1.33456591137 01 2.17129643224 04 2.17129643224 04 5.28889656308 02 6.15371280666 -03 1.14799504152 02  
 1.27253184466 03

EVENT

3.69584761163 05 2.10500000000 03 0.0 1.58113232806 06 7.32316080401 05 2.57721804893 04  
 2.48516503081 01  
 5.10000000000 01 2.40000000000 01 4.10000000000 01 2.00000000000 01 5.40000000000 01 3.70000000000 01

POINT

3.69586761170 05 1.38500000000 04 0.0 5.62326338020 03 5.76139902231 03 8.46530668819 -01  
 2.48260246660 01 1.52709960937 00 6.71484375000 01 7.58056640625 -01 3.73535156250 -01 6.73571777343 01  
 7.91015625000 -01 1.58139596557 06 7.31579358459 05 2.57456637329 04 1.28398197313 02 -3.62095815679 02  
 -1.31751766031 01 2.14813110497 04 2.14813110497 04 5.28889656308 02 0.0 1.17091179212 02  
 1.25574904261 03

POINT

3.69588761178 05 1.39000000000 04 0.0 5.55853307387 03 5.74449516209 03 8.45704280935 -01  
 2.48007147674 01 1.66992187500 00 6.69396972656 01 8.02001953125 -01 3.73535156250 -01 6.71264648437 01  
 7.91015625000 -01 1.58165372377 06 7.30850566011 05 2.57194658841 04 1.25469761435 02 -3.58281651020 02  
 -1.30203953633 01 2.12442210122 04 2.12442210122 04 5.28889656308 02 0.0 1.20000949299 02  
 1.24040095135 03

POINT

3.69590761212 05 1.39500000000 04 0.0 5.73772051765 03 5.75576440223 03 8.44888834686 -01  
 2.47757103019 01 1.80175781250 00 6.65771484375 01 7.25097656250 -01 3.73535156250 -01 6.66870117187 01  
 7.91015625000 -01 1.58215179847 06 7.30129380736 05 2.5667974820 04 1.22569011469 02 -3.54435796036 02  
 -1.28662984058 01 2.10013486190 04 2.10013486190 04 5.28889656308 02 0.0 1.22804844636 02  
 1.22499885682 03

POINT

3.69592761176 05 1.40000000000 04 0.0 5.78351997674 03 5.76985095241 03 8.44084281042 -01  
 2.47510190339 01 1.93359375000 00 6.61816406250 01 6.92138671875 -01 3.73535156250 -01 6.62365722656 01  
 7.91015625000 -01 1.58215179847 06 7.29416089483 05 2.5667974820 04 1.19705940851 02 -3.50438813964 02  
 -1.27113501124 01 2.07532123407 04 2.07532123407 04 5.28889656308 02 0.0 1.25308966808 02  
 1.20920052580 03

POINT

3.69594761242 05 1.40500000000 04 0.0 5.78061107214 03 5.77266826245 03 8.43290663130 -01  
 2.47266424700 01 2.07641601562 00 6.55883789062 01 7.47070312500 -01 3.84521484375 -01 6.55883789062 01  
 7.91015625000 -01 1.58239227543 06 7.28710792272 05 2.56427309761 04 1.16892316254 02 -3.46410381956 02  
 -1.25523170870 01 2.05002226186 04 2.05002226186 04 5.28889656308 02 0.0 1.27642604074 02

1.19337768287 03

## PCINT

3.69596761167	05	1.41000000000	04	0.0	5.78019676550	03	5.77830288252	03	8.42508075802	-01	
2.47025831229	01	2.21923828125	00	6.49401855468	01	6.70166015625	-01	5.93261718750	-01	6.51489257812	01
7.91015625000	-01	1.58262716664	06	7.28013613588	05	2.56177819629	04	1.14139229365	02	-3.42365274788	02
-1.23961671399	01	2.02427666750	04	2.02427666750	04	5.28878102906	02	5.77691709082	-03	1.29798598008	02
1.17760193523	03										

## POINT

3.69598761175	05	1.41500000000	04	0.0	5.77218808350	03	5.78112019255	03	8.41736226711	-01	
2.46788373498	01	2.26318359375	00	6.45556640625	01	7.14111328125	-01	5.93261718750	-01	6.47094726562	01
7.91015625000	-01	1.58285660241	06	7.27324492098	05	2.55931427470	04	1.11428015100	02	-3.38324711615	02
-1.22403327652	01	1.99811085124	04	1.99811085124	04	5.28878102906	02	0.0		1.31844655325	02
1.16187461821	03										

## EVENT

3.69598761175	05	2.12000000000	03	0.0	1.58285660241	06	7.27324492098	05	2.55931427470	04	
2.46788373498	01										
2.00000000000	00	0.0		3.40000000000	01	2.20000000000	01	5.10000000000	01	9.99000000000	02

## POINT

3.69600761165	05	1.42000000000	04	0.0	5.79292414137	03	5.78675481262	03	8.40975345069	-01	
2.46554054357	01	2.30712890625	00	6.41381835937	01	7.80029296875	-01	5.93261718750	-01	6.42700195312	01
7.91015625000	-01	1.58308064664	06	7.26643467116	05	2.55688212239	04	1.08753991460	02	-3.34271447169	02
-1.20782486444	01	1.97154537882	04	1.97154537882	04	5.28878102906	02	0.0		1.33787048401	02
1.14617279720	03										

## POINT

3.69602761166	05	1.42500000000	04	0.0	5.79453420595	03	5.79238943269	03	8.40225744190	-01	
2.46322872885	01	2.36206054687	00	6.37536621093	01	7.69042968750	-01	5.93261718750	-01	6.38415527343	01
7.91015625000	-01	1.58329937947	06	7.25970572637	05	2.55448280262	04	1.06118692232	02	-3.30194098369	02
-1.19131533939	01	1.94460498347	04	1.94460498347	04	5.28878102906	02	0.0		1.35599915493	02
1.13045290495	03										

## POINT

3.69604761178	05	1.43000000000	04	0.0	5.78922115466	03	5.79520674273	03	8.39487535008	-01	
2.46094827583	01	2.38403320312	00	6.33581542968	01	7.69042968750	-01	5.93261718750	-01	6.36108398437	01
7.91015625000	-01	1.58351287636	06	7.25305838406	05	2.55211675405	04	1.03519745724	02	-3.26107035825	02
-1.17443382457	01	1.91731245606	04	1.91731245606	04	5.28854308512	02	1.18971279065	-02	1.37309752660	02
1.11475430927	03										

## POINT

3.69606761208	05	1.43500000000	04	0.0	5.79947701380	03	5.80084136280	03	8.38760842732	-01	
2.45869911302	01	2.20825195312	00	6.30175781250	01	8.34960937500	-01	5.93261718750	-01	6.31713867187	01
7.91015625000	-01	1.58372120640	06	7.24649272180	05	2.54978443650	04	1.00953763502	02	-3.22015357932	02
-1.15752636870	01	1.88968573420	04	1.88968573420	04	5.28854308512	02	0.0		1.38933423949	02
1.09908762903	03										

## POINT

3.69608761170	05	1.44000000000	04	0.0	5.81895689833	03	5.80647598287	03	8.38045820408	-01	
2.45648133060	01	2.04345703125	00	6.26220703125	01	8.23974609375	-01	5.93261718750	-01	6.27429199218	01
7.91015625000	-01	1.58392443086	06	7.24000932043	05	2.54748641449	04	9.84251876026	01	-3.17900936723	02
-1.14033135252	01	1.86174735661	04	1.86174735661	04	5.28854308512	02	0.0		1.40432622959	02
1.08340461103	03										

## POINT



3.69610761209	05	1.44500000000	04	0.0	5.80720361927	03	5.80929329291	03	8.37342460093	-01	
2.45429482543	01	1.86767578125	00	6.23474121053	01	8.12988281250	-01	5.93261718750	-01	6.25231933593	01
7.91015625000	-01	1.58412263604	06	7.23360822742	05	2.54522276355	04	9.59273892355	01	-3.13765305518	02
-1.12306790441	01	1.83352006929	04	1.83352006929	04	5.28854308512	02	0.0		1.41829042985	02
1.06770079093	03										

## POINT

3.69612761157	05	1.45000000000	04	0.0	5.81399383195	03	5.81492791298	03	8.36650980339	-01	
2.45213973727	01	1.70288085937	00	6.21276855468	01	8.78906250000	-01	5.93261718750	-01	6.22924804687	01
7.91015625000	-01	1.58431585410	06	7.22729005323	05	2.54299420988	04	9.345007870445	01	-3.09632010555	02
-1.10530738670	01	1.80501823672	04	1.80501823672	04	5.28854308512	02	0.0		1.43182925936	02
1.05203273250	03										

## POINT

3.69614761172	05	1.45500000000	04	0.0	5.81727739461	03	5.82056253305	03	8.35971442071	-01	
2.45001587903	01	1.52709960937	00	6.17541503906	01	8.23974609375	-01	5.93261718750	-01	6.18640136718	01
7.91015625000	-01	1.58450415183	06	7.22105447335	05	2.54080098954	04	9.10067306689	01	-3.05484677875	02
-1.08773909192	01	1.77625384126	04	1.77625384126	04	5.28854308512	02	0.0		1.44438114297	02
1.03636769667	03										

## POINT

3.69616761199	05	1.46000000000	04	0.0	5.83078433035	03	5.82619715312	03	8.35303743405	-01	
2.44792329901	01	1.36230468750	00	6.13476562500	01	8.12988281250	-01	5.93261718750	-01	6.16333007812	01
7.91015625000	-01	1.58468760026	06	7.21490196747	05	2.53864289800	04	8.86026436103	01	-3.01319146262	02
-1.07017015635	01	1.74725111701	04	1.74725111701	04	5.28854308512	02	0.0		1.45566444370	02
1.02070301390	03										

## POINT

3.69618761211	05	1.46500000000	04	0.0	5.83437188411	03	5.83183177319	03	8.34647886205	-01	
2.44586203834	01	1.18652343750	00	6.10620117187	01	8.56933593750	-01	5.93261718750	-01	6.11718750000	01
7.91015625000	-01	1.58486626666	06	7.20833297304	05	2.53652003837	04	8.62285398672	01	-2.97139137942	02
-1.05240716668	01	1.71803267139	04	1.71803267139	04	5.28854308512	02	0.0		1.46602448489	02
1.00503584446	03										

## POINT

3.69620761161	05	1.47000000000	04	0.0	5.83978331816	03	5.84028370330	03	8.34004059809	-01	
2.44383214315	01	1.101074218750	00	6.07434082031	01	8.34960937500	-01	5.93261718750	-01	6.09521484375	01
7.91015625000	-01	1.58504020686	06	7.20284789039	05	2.53443306593	04	8.28846172597	01	-2.92943611110	02
-1.03444166607	01	1.68861725518	04	1.68861725518	04	5.28854308512	02	0.0		1.47544210504	02
9.89363956416	02										

## POINT

3.69622761162	05	1.47500000000	04	0.0	5.84297878857	03	5.84873563340	03	8.33372172709	-01	
2.44183351833	01	8.34960937500	-01	6.05895996093	01	7.58056640625	-01	5.93261718750	-01	6.07324218750	01
5.71289062500	-01	1.58520948252	06	7.19694667400	05	2.53238176309	04	8.15610716342	01	-2.88737858628	02
-1.01693037978	01	1.65901931979	04	1.65901931979	04	5.28854308512	02	0.0		1.48427221055	02
9.73688174368	02										

## POINT

3.69624761159	05	1.48000000000	04	0.0	5.85854119078	03	5.85155294344	03	8.32751260499	-01	
2.43986624256	01	6.59179687500	-01	6.03698730468	01	4.72412109375	-01	5.93261718750	-01	6.05126953125	01
5.71289062500	-01	1.58537412654	06	7.19112972677	05	2.53036324848	04	7.92573398537	01	-2.84514660768	02
-1.00169588467	01	1.62925074088	04	1.62925074088	04	5.28854308512	02	0.0		1.49245023790	02
9.57990238817	02										

## POINT

3.69626761177	05	1.48500000000	04	0.0	5.84519587561	03	5.85718756351	03	8.32140412636	-01
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2.43793036185	01	4.94384765625	-01	6.01721191406	01	5.93261718750	-01	5.93261718750	-01	6.02929687500	01
5.71289062500	-01	1.58553418351	06	7.18539739468	05	2.52837481702	04	7.69750324734	01	-2.80274084801	02
-9.86358873327	00	1.59932616353	04	1.59932616353	04	5.28854308512	02	0.0		1.49991196978	02
9.42269187121	02										

## POINT

3.69628761173	05	1.49000000000	04	0.0		5.86628450907	03	5.86563949361	03	8.31539843111	-01
2.43602588637	01	3.18603515625	-01	5.99084472656	01	4.28466796875	-01	3.73535156250	-01	6.00732421875	01
3.51562500000	-01	1.58569969377	06	7.17974588409	05	2.52641716730	04	7.47170353386	01	-2.76032627678	02
-9.71504873920	00	1.56925728458	04	1.56925728458	04	5.28854308512	02	0.0		1.50679483692	02
9.26578715485	02										

## POINT

3.69630761164	05	1.49500000000	04	0.0		5.86910065070	03	5.86845680365	03	8.30948220893	-01
2.43415284845	01	1.31835937500	-01	5.96557617187	01	9.88769531250	-02	3.73535156250	-01	5.98535156250	01
3.51562500000	-01	1.58584071371	06	7.17418754700	05	2.52448633315	04	7.24869114757	01	-2.71760926648	02
-9.59522025548	00	1.53906239769	04	1.53906239769	04	5.28854308512	02	0.0		1.51260383607	02
9.10838373148	02										

## POINT

3.69632761178	05	1.50000000000	04	0.0		5.87419688207	03	5.87690873376	03	8.30364390777	-01
2.43231126516	01	-3.29589843750	-02	5.94580078125	01	2.52685546875	-01	3.73535156250	-01	5.96337890625	01
3.51562500000	-01	1.58598729331	06	7.16871065450	05	2.52257887008	04	7.02773959577	01	-2.67479823951	02
-9.47417270317	00	1.50875685169	04	1.50875685169	04	5.28854308512	02	0.0		1.51782143716	02
8.95097336077	02										

## POINT

3.69634761174	05	1.50500000000	04	0.0		5.88250798645	03	5.88254335383	03	8.29789181239	-01
2.43050118924	01	-2.08740234375	-01	5.92382812500	01	3.18603515625	-01	3.73535156250	-01	5.94140625000	01
1.31835937500	-01	1.58612947141	06	7.16331954542	05	2.52069735051	04	6.80907576959	01	-2.63186339768	02
-9.33973408278	00	1.47835392165	04	1.47835392165	04	5.28854308512	02	0.0		1.52233127930	02
8.79348366465	02										

## POINT

3.69636761166	05	1.51000000000	04	0.0		5.88598949670	03	5.88817797390	03	8.29222374649	-01
2.42872262564	01	-3.84521484375	-01	5.88867187500	01	4.39453125000	-02	3.73535156250	-01	5.91943359375	01
1.31835937500	-01	1.58626730386	06	7.15801447542	05	2.51884118572	04	6.59367341217	01	-2.58877479708	02
-9.22385700671	00	1.44787074638	04	1.44787074638	04	5.28854308512	02	0.0		1.52581444414	02
8.63599060286	02										

## POINT

3.69638761163	05	1.51500000000	04	0.0		5.90159556086	03	5.89662990400	03	8.28662940253	-01
2.42697555027	01	-5.60302734375	-01	5.85131835937	01	1.31835937500	-01	3.73535156250	-01	5.87548828125	01
1.31835937500	-01	1.58640086423	06	7.15279568230	05	2.51700733929	04	6.38216274831	01	-2.54555477445	02
-9.11093768421	00	1.41732945292	04	1.41732945292	04	5.28854308512	02	0.0		1.52810253116	02
8.47862751067	02										

## POINT

3.69640761194	05	1.52000000000	04	0.0		5.90607723352	03	5.90508183411	03	8.28111072960	-01
2.42525995177	01	-6.70166015625	-01	5.81835937500	01	7.69042968750	-02	3.73535156250	-01	5.85351562500	01
1.31835937500	-01	1.58653023232	06	7.14766347330	05	2.51519651091	04	6.17430019537	01	-2.50210602529	02
-8.99573119811	00	1.38675519949	04	1.38675519949	04	5.28841901913	02	6.20320486674	-03	1.52913206686	02
8.32106419439	02										

## POINT

3.69642761167	05	1.52500000000	04	0.0		5.89896028488	03	5.90226452407	03	8.27566679088	-01
2.42357593557	01	-7.47070312500	-01	5.80957031250	01	9.88769531250	-02	3.73535156250	-01	5.85351562500	01

1.31835937500 -01 1.58665545784 06 7.14261840811 05 2.51340849887 04 5.96816023456 01 -2.45856337055 02  
 -8.88213658044 00 1.35616755707 04 1.35616755707 04 5.28841901913 02 0.0 1.52966013483 02  
 8.16344719813 02

POINT

3.69644761273 05 1.53000000000 04 0.0 5.90546190489 03 5.91071645418 03 8.27029833819 -01  
 2.42192335533 01 -8.12988281250 -01 5.81066894531 01 1.31835937500 -01 3.73535156250 -01 5.83154296875 01  
 1.31835937500 -01 1.58677656817 06 7.13766010675 05 2.51164352926 04 5.76221636633 01 -2.41499062188 02  
 -8.76426722280 00 1.32556682821 04 1.32556682821 04 5.28841901913 02 0.0 1.53022377958 02  
 8.00575487876 02

POINT

3.69646761182 05 1.53500000000 04 0.0 5.90894275693 03 5.91635107425 03 8.26500715187 -01  
 2.42030254054 01 -8.89892578125 -01 5.79638671875 01 2.19726562500 -02 3.73535156250 -01 5.83154296875 01  
 -8.78906250000 -02 1.58689355504 06 7.13278961307 05 2.50990217816 04 5.55740253141 01 -2.37122502011 02  
 -8.65107615772 00 1.29496188562 04 1.29496188562 04 5.28841901913 02 0.0 1.53032679593 02  
 7.84763584508 02

POINT

3.69648761169 05 1.54000000000 04 0.0 5.91690019822 03 5.91635107425 03 8.25978417805 -01  
 2.41871332318 01 -9.66796875000 -01 5.77990722656 01 -7.69042968750 -02 3.73535156250 -01 5.78759765625 01  
 -8.78906250000 -02 1.58700646233 06 7.12800654856 05 2.50818171565 04 5.35428283724 01 -2.32737339880 02  
 -8.55167210638 00 1.26435794928 04 1.26435794928 04 5.28841901913 02 0.0 1.52994577088 02  
 7.68949518552 02

POINT

3.69650761158 05 1.54500000000 04 0.0 5.93063171642 03 5.92480300436 03 8.25462926269 -01  
 2.41715578724 01 -1.04370117187 00 5.74255371093 01 6.59179687500 -02 3.73535156250 -01 5.78759765625 01  
 -8.78906250000 -02 1.58711533913 06 7.12331139664 05 2.50648217310 04 5.15471843722 01 -2.28328682975 02  
 -8.44029878198 00 1.23377357684 04 1.23377357684 04 5.28841901913 02 0.0 1.52830896519 02  
 7.53110889644 02

POINT

3.69652761183 05 1.55000000000 04 0.0 5.92198516615 03 5.93043762443 03 8.24954729383 -01  
 2.41562995351 01 -1.10961914062 00 5.72827148437 01 0.0 3.73535156250 -01 5.76562500000 01  
 -8.78906250000 -02 1.58722025098 06 7.11870450346 05 2.50480512659 04 4.95747182412 01 -2.23905714404 02  
 -8.32957511337 00 1.20323052740 04 1.20323052740 04 5.28841901913 02 0.0 1.52591362996 02  
 7.37259823114 02

POINT

3.69654761170 05 1.55500000000 04 0.0 5.94113871617 03 5.93888955453 03 8.24453476007 -01  
 2.41413587965 01 -1.18652343750 00 5.71838378906 01 -4.39453125000 -02 3.73535156250 -01 5.74365234375 01  
 -8.78906250000 -02 1.58732122469 06 7.11418616341 05 2.50314954740 04 4.76139061130 01 -2.19476906682 02  
 -8.22449433452 00 1.17273819522 04 1.17273819522 04 5.28841901913 02 0.0 1.52321830623 02  
 7.21406696504 02

POINT

3.696567611265 05 1.56000000000 04 0.0 5.94366902016 03 5.94734148464 03 8.23959202348 -01  
 2.41267355275 01 -1.26342773437 00 5.71069335937 01 9.88769531250 -02 3.73535156250 -01 5.74365234375 01  
 -8.78906250000 -02 1.58741829368 06 7.10975646538 05 2.50151557989 04 4.56659324037 01 -2.15020052815 02  
 -8.11025262506 00 1.14230530137 04 1.14230530137 04 5.28841901913 02 0.0 1.51988012687 02  
 7.05484972094 02

POINT

3.69658761159 05 1.56500000000 04 0.0 5.94877933722 03 5.95579341475 03 8.23472575086 -01  
 2.41124327221 01 -1.22934570312 00 5.69970703125 01 3.29589843750 -02 3.73535156250 -01 5.72167968750 01  
 -8.78906250000 -02 1.58751146468 06 7.10541641729 05 2.49990530179 04 4.37294785335 01 -2.10554716971 02



## POINT

3.69674761205	05	1.60500000000	04	0.0		6.00349189268	03	6.00650499538	03	8.19840852227	-01
2.40095818200	01	-2.52685546875	-01	5.61840820312	01	4.61425781250	-01	3.73535156250	-01	5.63278906250	01
1.31835937500	-01	1.58812052236	06	7.07395071402	05	2.48783860815	04	2.87536190506	01	-1.74140672553	02
-6.99270222980	00	8.72967474958	03	8.72967474958	03	5.28816177270	02	0.0		1.46606640855	02
5.60666934982	02										

## POINT

3.69676761179	05	1.61900000000	04	0.0		6.00135864112	03	6.01213961545	03	8.19427010615	-01
2.39981838116	01	-8.78906250000	-02	5.61840820312	01	3.07617187500	-01	3.73535156250	-01	5.63278906250	01
1.31835937500	-01	1.58917997024	06	7.07042958768	05	2.48645542170	04	2.69303514359	01	-1.69521120285	02
-6.84117568219	00	8.43728309171	03	8.43728309171	03	5.28816177270	02	0.0		1.45788704678	02
5.44410499142	02										

## POINT

3.69678761230	05	1.61500000000	04	0.0		6.00866010811	03	6.02059154556	03	8.19022189435	-01
2.39871112527	01	7.69042968750	-02	5.60083007812	01	1.97753906250	-01	3.73535156250	-01	5.58984375000	01
1.31835937500	-01	1.58823577804	06	7.06700072754	05	2.48510044397	04	2.51191143458	01	-1.64899011027	02
-6.70657709800	00	8.14652548800	03	8.14652548800	03	5.28816177270	02	0.0		1.44941591343	02
5.28163503435	02										

## POINT

3.69680761222	05	1.62000000000	04	0.0		6.04265621273	03	6.03186078570	03	8.18625591707	-01
2.39763649472	01	2.63671875000	-01	5.55029296875	01	2.19726562500	-01	3.73535156250	-01	5.56787109375	01
1.31835937500	-01	1.58828800798	06	7.06366465753	05	2.48377256850	04	2.33587102996	01	-1.60247658489	02
-6.57015743370	00	7.85763884838	03	7.85763884838	03	5.28816177270	02	0.0		1.43912207026	02
5.11895342766	02										

## POINT

3.69682761177	05	1.62500000000	04	0.0		6.02911226493	03	6.03467809574	03	8.18238135287	-01
2.39659457642	01	4.39453125000	-01	5.54040527343	01	-3.29589843750	-02	3.73535156250	-01	5.54589843750	01
-8.78906250000	-02	1.58833675238	06	7.06042205694	05	2.48247108595	04	2.16286988343	01	-1.55566908239	02
-6.44886855086	00	7.57097182141	03	7.57097182141	03	5.28816177270	02	0.0		1.42762211266	02
4.95580504949	02										

## EVENT

3.69684186942	05	2.15000000000	03	0.0		1.58833675238	06	7.06042205694	05	2.48247108595	04
2.39659457642	01										
3.90000000000	01	6.00000000000	00	4.00000000000	00	9.99000000000	02	9.99000000000	02	9.99000000000	02

## POINT

3.69684761187	05	1.63000000000	04	0.0		6.21091329161	03	6.23470710825	03	8.17856777193	-01
2.39558528166	01	5.82775390625	-01	5.53161621053	01	-2.74658203125	-01	3.73535156250	-01	5.54589843750	01
-8.78906250000	-02	1.58838204744	06	7.05727310389	05	2.48119044901	04	1.99182003546	01	-1.50832652492	02
-6.35686835890	00	7.28663627753	03	7.28663627753	03	5.28816177270	02	0.0		1.41492458916	02
4.79134097033	02										

## POINT

3.69686761228	05	1.63500000000	04	0.0		6.17801202309	03	6.16145704733	03	8.17479998944	-01
2.39460935269	01	2.25219726562	00	5.18225097656	01	2.41695218750	-01	3.71337890625	00	4.81530761718	01
1.20849609375	-01	1.58842437452	06	7.05421806456	05	2.47992546820	04	1.86704322795	01	-1.46175150067	02
-6.26957134472	00	7.00609111805	03	7.00609111805	03	5.27761441265	02	5.27357047009	-01	1.38551593588	02
4.63545720640	02										

## POINT

3.69688761160	05	1.64000000000	04	0.0		6.16500544400	03	6.07693774627	03	8.17113036464	-01
2.39366235694	01	4.68017578125	00	4.46484375000	01	3.51562500000	-01	3.49365234375	00	4.63952636718	01

5.60302734375	-01	1.58846457103	06	7.05125687561	05	2.47869310520	04	1.78575174366	01	-1.41517044175	02
-6.05526139200	00	6.73183032259	03	6.73183032259	03	5.26647942935	02	5.56768256091	-01	1.35097196794	02
4.48492542421	02										

## POINT

3.69690761159	05	1.64500000000	04	0.0		5.92598288037	03	5.98114920506	03	8.16757180953	-01
2.39274531123	01	3.35083007812	00	4.37695312500	01	5.82275390625	-01	2.17529296875	00	4.52526855468	01
7.80029296875	-01	1.58850353028	06	7.04838656303	05	2.47749825467	04	1.73375772496	01	-1.37108734098	02
-5.88847976283	00	6.46612380343	03	6.46612380343	03	5.26647942935	02	0.0		1.30711361442	02
4.34594021353	02										

## POINT

3.69692761159	05	1.65000000000	04	0.0		5.85189721661	-03	5.88536066386	03	8.16411729459	-01
2.39185556502	01	1.88964843750	00	4.37255859375	01	7.80029296875	-01	2.17529296875	00	4.43298339843	01
7.80029296875	-01	1.58854138876	06	7.04560222884	05	2.47633866335	04	1.67632564109	01	-1.32882424419	02
-5.70500559291	00	6.20871449634	03	6.20871449634	03	5.26647942935	02	0.0		1.26736350921	02
4.21164196832	02										

## POINT

3.69694761158	05	1.65500000000	04	0.0		5.78942069899	03	5.80084136280	03	8.16076450300	-01
2.39099265512	01	1.06567382812	00	4.38244628906	01	6.37207031250	-01	2.17529296875	00	4.43298339843	01
7.80029296875	-01	1.58857806657	06	7.04290195717	05	2.47521339944	04	1.61574539351	01	-1.28696048422	02
-5.54206877954	00	5.95909492044	03	5.95909492044	03	5.26534765729	02	5.65886260898	-02	1.2291596387	02
4.07813045557	02										

## POINT

3.69696761159	05	1.66000000000	04	0.0		5.70471587918	-03	5.71632206174	03	8.15751355717	-01
2.39015646254	01	9.00878906250	-01	4.42089843750	01	7.25097656250	-01	2.16430664062	00	4.40881347656	C1
7.80029296875	-01	1.58861348146	06	7.04028496537	05	2.47412233437	04	1.54996193473	01	-1.24558804155	02
-5.36593655379	00	5.71690217977	03	5.71690217977	03	5.26534765729	02	0.0		1.19322050402	02
3.94536470234	02										

## POINT

3.69698761158	05	1.66500000000	04	0.0		5.63407702433	03	5.63180276068	03	8.15436957844	-01
2.38934673519	01	7.58056640625	-01	4.39892578125	01	7.47070312500	-01	1.95556640625	00	4.38793945312	01
7.80029296875	-01	1.58864754512	06	7.03775000412	05	2.47306682177	04	1.48183448853	01	-1.20492049906	02
-5.18843471283	00	5.48169437426	03	5.48169437426	03	5.26523069438	02	5.84814313525	-03	1.15897750147	02
3.81438196072	02										

## POINT

3.69700761158	05	1.67000000000	04	0.0		5.56408023455	03	5.55573538972	03	8.15133087698	-01
2.38856302982	01	7.69042968750	-01	4.31652832031	01	7.25097656250	-01	1.95556640625	00	4.31542968750	01
7.80029296875	-01	1.58868027032	06	7.03529563931	05	2.47204627074	04	1.41707267113	01	-1.16498900595	02
-5.01511397579	00	5.25330785131	03	5.25330785131	03	5.26509601777	02	6.73383109374	-03	1.12475843206	02
3.68604304178	02										

## POINT

3.69702761157	05	1.67500000000	04	0.0		5.47253368377	03	5.47403339870	03	8.14839619643	-01
2.38780475339	01	8.45947265625	-01	4.24072265625	01	7.14111328125	-01	1.95556640625	00	4.24951171875	01
7.80029296875	-01	1.58871175053	06	7.03292029845	05	2.47106031949	04	1.35708154897	01	-1.12594990179	02
-4.84370542661	00	5.03180333935	03	5.03180333935	03	5.26509601777	02	0.0		1.09034515420	02
3.56100073467	02										

## POINT

3.69704761157	05	1.68000000000	04	0.0		5.39140414335	03	5.39514871771	03	8.14556203331	-01
2.38707120124	01	9.22951562500	-01	4.17480468750	01	6.70166015625	-01	1.95556640625	00	4.18359375000	01
7.80029296875	-01	1.58874205472	06	7.03062193133	05	2.47010786591	04	1.29961009423	01	-1.08797156110	02



POINT  
 3.69720761158 05 1.72000000000 04 0.0 4.83711328214 03 4.83722123071 03 8.12609871569 -01  
 2.38202340699 01 2.29614257812 00 3.70019531250 01 6.15234375000 -01 2.17529296875 00 3.69689941406 01  
 7.80029296875 -01 1.58894747334 06 7.01479737759 05 2.46356400747 04 9.16039784387 00 -8.14303175412 01  
 -2.54361363373 00 3.33173393943 03 3.33173393943 03 5.26493475116 02 0.0 8.05604800711 01  
 2.56754321408 02

POINT  
 3.69722761157 05 1.72500000000 04 0.0 4.77760217145 03 4.76970588586 03 8.12402876695 -01  
 2.38148681591 01 2.52685546875 00 3.62988281250 01 5.82275390625 -01 2.17529296875 00 3.63098144531 01  
 7.80029296875 -01 1.58896912860 06 7.01311490628 05 2.46286812874 04 8.76686544592 00 -7.83687618118 01  
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POINT  
 3.69724761157 05 1.73000000000 04 0.0 4.70850664099 03 4.70772506508 03 8.12203351018 -01  
 2.38096946934 01 2.74658203125 00 3.57385253906 01 4.61425781250 -01 2.17529296875 00 3.58703613281 01  
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POINT  
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POINT  
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 2.37999054148 01 3.18603515625 00 3.45739746093 01 2.30712890625 -01 2.61474609375 00 3.47717285156 01  
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POINT  
 3.69730761156 05 1.74500000000 04 0.0 4.53052080133 03 4.52459991678 03 8.11640975212 -01  
 2.37952799373 01 3.39477539062 00 3.40246582031 01 -6.59179687500 -02 2.61474609375 00 3.41125488281 01  
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 -3.02293567980 00 2.59673803655 03 2.59673803655 03 5.26493475116 02 0.0 6.67165573610 01  
 2.10668351273 02

POINT  
 3.69732761157 05 1.75000000000 04 0.0 4.47062058585 03 4.46825371608 03 8.11462188481 -01  
 2.37908276221 01 3.61450195312 00 3.33105468750 01 3.29589843750 -02 2.61474609375 00 3.34533691406 01  
 3.40576171875 -01 1.58906628569 06 7.00557885116 05 2.45971109132 04 6.98807510772 00 -6.42019881000 01  
 -2.95688574533 00 2.46589916490 03 2.46589916490 03 5.26481440261 02 6.01742533138 -03 6.41229256231 01  
 2.02177415026 02

POINT  
 3.69734761166 05 1.75500000000 04 0.0 4.41793324851 03 4.41190751537 03 8.11287479942 -01  
 2.37865423688 01 3.74633789062 00 3.26293945312 01 3.07617187500 -01 2.61474609375 00 3.27941894531 01  
 3.40576171875 -01 1.58908367774 06 7.00423640397 05 2.45912729930 04 6.68012642122 00 -6.15917500133 01  
 -2.87603016942 00 2.34019710480 03 2.34019710480 03 5.26481440261 02 0.0 6.15747714720 01  
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POINT



3.69736761156	05	1.76000000000	04	0.0	4.34511872102	03	4.35837862470	03	8.11117828328	-01	
2.37824223901	01	3.85620117187	00	3.20800781250	01	3.51562500000	-01	2.61474609375	00	3.21679687500	01
3.40576171875	-01	1.58910046499	06	7.00294543260	05	2.45856102969	04	6.38002769078	00	-5.90597374265	01
-2.78512078730	00	2.21952926914	03	2.21952926514	03	5.26481440261	02	0.0		5.91078339781	01
1.85938125155	02										

POINT

3.69738761157	05	1.76500000000	04	0.0	4.30058442309	03	4.30484973402	03	8.10953351528	-01	
2.37784596008	01	3.97705078125	00	3.13989257812	01	3.07617187500	-01	2.61474609375	00	3.14758300781	01
3.40576171875	-01	1.58911665532	06	7.00170428052	05	2.45801255169	04	6.08742673517	00	-5.66046311169	01
-2.69882583799	00	2.10369687296	03	2.10369687296	03	5.26481440261	02	0.0		5.67219698177	01
1.78180724233	02										

POINT

3.69740761156	05	1.77000000000	04	0.0	4.25319876961	03	4.25413815339	03	8.10793671203	-01	
2.37746506224	01	4.09790039062	00	3.08056640625	01	2.08740234375	-01	2.61474609375	00	3.08166503906	01
3.40576171875	-01	1.58913227781	06	7.00051161928	05	2.45748067665	04	5.81149520388	00	-5.42117861838	01
-2.61586263266	00	1.99260766444	03	1.99260766444	03	5.26481440261	02	0.0		5.43702753482	01
1.70632750013	02										

POINT

3.69742761156	05	1.77500000000	04	0.0	4.21577691620	03	4.20906119282	03	8.10638162938	-01	
2.37709911774	01	4.20776367187	00	3.01245117187	01	7.69042968750	-02	2.61474609375	00	3.01574707031	01
3.40576171875	-01	1.58914736213	06	6.99936615690	05	2.45696347315	04	5.55176742040	00	-5.18827953167	01
-2.55233574731	00	1.88617597126	03	1.88617597126	03	5.26481440261	02	0.0		5.20563302661	01
1.63299059639	02										

POINT

3.69744761156	05	1.78000000000	04	0.0	4.15843730889	03	4.15834961219	03	8.10486118229	-01	
2.37674771689	01	4.32861328125	00	2.94763183593	01	2.19726562500	-02	2.61474609375	00	2.94982910156	01
3.40576171875	-01	1.58916194948	06	6.99826671237	05	2.45645877643	04	5.31280522687	00	-4.96126069644	01
-2.49373452836	00	1.78436545453	03	1.78436545453	03	5.26481440261	02	0.0		4.97595334808	01
1.56170267857	02										

POINT

3.69746761157	05	1.78500000000	04	0.0	4.10962746845	03	4.10763803155	03	8.10337236462	-01	
2.37641040797	01	4.41650390625	00	2.87951660156	01	6.59179687500	-02	2.61474609375	00	2.90588378906	01
3.40576171875	-01	1.58917606343	06	6.99721188874	05	2.45596562329	04	5.08005980491	00	-4.74191201132	01
-2.43482695763	00	1.68705901484	03	1.68705901484	03	5.26464964539	02	8.23785769946	-03	4.75466952924	01
1.49279424185	02										

POINT

3.69748761156	05	1.75000000000	04	0.0	4.05679049179	03	4.06256107098	03	8.10191665468	-01	
2.37608673801	01	4.38354492187	00	2.81359863281	01	1.20849609375	-01	2.61474609375	00	2.83996582031	01
3.40576171875	-01	1.58918972399	06	6.99620026777	05	2.45548440440	04	4.85919732862	00	-4.52927509877	01
-2.37505370705	00	1.59412721242	03	1.59412721242	03	5.26464964539	02	0.0		4.53880055260	01
1.42605211509	02										

POINT

3.69750761157	05	1.79500000000	04	0.0	4.01564628843	03	4.01748411042	03	8.10045531479	-01	
2.37577626992	01	4.33959960937	00	2.75207519531	01	1.75781250000	-01	2.83447265625	00	2.77404785156	01
3.40576171875	-01	1.58920294950	06	6.99523047973	05	2.45501544551	04	4.64564977888	00	-4.32346173313	01
-2.31148753921	00	1.50544173839	03	1.50544173839	03	5.26453547781	02	5.70837735702	-03	4.32984263627	01
1.36144453479	02										

POINT

3.69752761156	05	1.80000000000	04	0.0	3.97179064151	03	3.97240714985	03	8.09911110896	-01
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2.37547861291	01	4.20776367187	00	2.70043945312	01	2.74658203125	-01	2.83447265625	00	2.73010253906	01
3.40576171875	-01	1.58921575822	06	6.99430130623	05	2.45455953628	04	4.44167282054	00	-4.12304571751	01
-2.24469577544	00	1.42089466155	03	1.42089466155	03	5.26453547781	02	0.0		4.12522765188	01
1.29857448220	02										

## POINT

3.69754761156	05	1.80500000000	04	0.0		3.92358510362	03	3.93014749932	03	8.09776743249	-01
2.37519341363	01	4.07592773437	00	2.64770507812	01	3.51562500000	-01	2.83447265625	00	2.66418457031	01
3.40576171875	-01	1.58922815862	06	6.99341161067	05	2.45411764984	04	4.23752599135	00	-3.92879572027	01
-2.17201809927	00	1.34035973251	03	1.34035973251	03	5.26453547781	02	0.0		3.92887588819	01
1.23753877816	02										

## POINT

3.69756761156	05	1.81000000000	04	0.0		3.88599616996	03	3.88788784879	03	8.09646548650	-01
2.37492029741	01	3.93310546875	00	2.58728027343	01	2.63671875000	-01	2.83447265625	00	2.62023925781	01
3.40576171875	-01	1.58924015489	06	6.99256016735	05	2.45369008372	04	4.03932859288	00	-3.74036987621	01
-2.10293492096	00	1.26368589491	03	1.26368589491	03	5.26453547781	02	0.0		3.73853474339	01
1.17833224407	02										

## POINT

3.69758761156	05	1.81500000000	04	0.0		3.84264968456	03	3.84562819826	03	8.09520216300	-01
2.37465891134	01	3.80126953125	00	2.53454589843	01	2.74658203125	-01	2.83447265625	00	2.55432128906	01
3.40576171875	-01	1.58925176254	06	6.99174587264	05	2.45327585111	04	3.84794972631	00	-3.55740900602	01
-2.03789023715	00	1.19077170955	03	1.19077170955	03	5.26453547781	02	0.0		3.55346373636	01
1.12085992922	02										

## POINT

3.69760761155	05	1.82000000000	04	0.0		3.80579664006	03	3.80618585777	03	8.093397595309	-01
2.37440890149	01	3.66943359375	00	2.47412109375	01	2.52685546875	-01	2.83447265625	00	2.48840332031	01
3.40576171875	-01	1.58926299026	06	6.99096758557	05	2.45287443935	04	3.66088130889	00	-3.38019809316	01
-1.97487901263	00	1.12149126392	03	1.12149126392	03	5.26453547781	02	0.0		3.37477657760	01
1.06517092010	02										

## POINT

3.69762761389	05	1.82500000000	04	0.0		3.76430949363	03	3.76956082731	03	8.09278532451	-01
2.37416989519	01	3.52661132812	00	2.42138671875	01	2.30712890625	-01	2.83447265625	00	2.44445800781	01
3.40576171875	-01	1.58927385415	06	6.99022415336	05	2.45248533685	04	3.48245764073	00	-3.200796191261	01
-1.91422150511	00	1.05573736735	03	1.05573736735	03	5.26453547781	02	0.0		3.20014299521	01
1.01109103752	02										

## POINT

3.69764761155	05	1.83000000000	04	0.0		3.72797065927	03	3.73011848681	03	8.09162993488	-01
2.37394164495	01	3.39477539062	00	2.36975097656	01	2.85644531250	-01	2.83447265625	00	2.37854003906	01
3.40576171875	-01	1.58928435287	06	6.98951473510	05	2.45210838936	04	3.29855679296	00	-3.04186574477	01
-1.85361278334	00	9.93395080683	02	9.93395080683	02	5.26453547781	02	0.0		3.03532642548	01
9.58778849436	01										

## EVENT

3.69764761155	05	2.18000000000	03	0.0		1.58928435287	06	6.98951473510	05	2.45210838936	04
2.37394164495	01										
1.00000000000	00	0.0		0.0		0.0		2.20000000000	01	5.10000000000	01

## POINT

3.69766761155	05	1.83500000000	04	0.0		3.69612089921	03	3.69631076639	03	8.09051016850	-01
2.37372371890	01	3.25195312500	00	2.29614257812	01	2.74658203125	-01	2.83447265625	00	2.31262207031	01
3.40576171875	-01	1.58929449929	06	6.98883795952	05	2.45174365025	04	3.13128887931	00	-2.88067047436	01
-1.79233855493	00	9.34320129994	02	9.34320129994	02	5.26453547781	02	0.0		2.87204186849	01



POINT											
3.69784761366	05	1.88000000000	04	0.0	3.40444784614	03	3.40894514278	03	8.08152155839	-01	
2.37217029918	01	2.06542968750	00	1.75561523437	01	2.19726562500	-01	3.05419921875	00	1.76330566406	01
3.40576171875	-01	1.58937282174	06	6.98404055351	05	2.44896955933	04	1.93151687055	00	-1.67218297104	01
-1.31768324757	00	5.34926216272	02	5.34926216272	02	5.26431818523	02	1.08634841015	-02	1.63283165564	01
5.29342335533	01										

POINT											
3.69786761155	05	1.88500000000	04	0.0	3.37436742486	03	3.38077204243	03	8.08111156550	-01	
2.37203713873	01	2.15332031250	00	1.69738769531	01	2.41699218750	-01	3.05419921875	00	1.71936035156	01
3.40576171875	-01	1.58938029346	06	6.98363267926	05	2.44871145553	04	1.82513422138	00	-1.56154559441	01
-1.27186197881	00	5.03419513654	02	5.03419513654	02	5.26431818523	02	0.0		1.51844304707	01
4.94711575948	01										

POINT											
3.69788761156	05	1.89000000000	04	0.0	3.35269484028	03	3.35541625211	03	8.08032779262	-01	
2.37191079853	01	2.24121093750	00	1.65454101562	01	2.41699218750	-01	3.05419921875	00	1.67541503906	01
3.40576171875	-01	1.5893875178	06	6.98324644388	05	2.44846038730	04	1.71704041254	00	-1.45524878425	01
-1.22718618314	00	4.74134585426	02	4.74134585426	02	5.26431818523	02	0.0		1.41032307243	01
4.61364250723	01										

EVENT											
3.69788761156	05	2.19500000000	03	0.0	1.58938755178	06	6.98324644388	05	2.44846038730	04	
2.37191079853	01										
5.00000000000	00	0.0		0.0	2.20000000000	01	5.10000000000	01	9.99000000000	02	

POINT											
3.69790761155	05	1.89500000000	04	0.0	3.32766471301	03	3.33287777183	03	8.07957032617	-01	
2.37179105057	01	2.34008789062	00	1.60070800781	01	2.52685546875	-01	3.05419921875	00	1.60949707031	01
3.40576171875	-01	1.58939459659	06	6.98288109151	05	2.44821920387	04	1.61225896891	00	-1.35284590211	01
-1.18294166700	00	4.46970872615	02	4.46970872615	02	5.26431818523	02	0.0		1.30636808548	01
4.29230069717	01										

POINT											
3.69792761156	05	1.90000000000	04	0.0	3.29931442359	03	3.30470467147	03	8.07883902670	-01	
2.37167763419	01	2.42797851562	00	1.53918457031	01	2.52685546875	-01	3.05419921875	00	1.56555175781	01
3.40576171875	-01	1.58940144022	06	6.98253581294	05	2.44798683246	04	1.51598620704	00	-1.25452541082	01
-1.13946670652	00	4.21858186596	02	4.21858186596	02	5.26431818523	02	0.0		1.20526557496	01
3.98435412534	01										

POINT											
3.69794761155	05	1.90500000000	04	0.0	3.27756942256	03	3.27934888115	03	8.07813230357	-01	
2.37157028538	01	2.51586914062	00	1.49853515625	01	1.75781250000	-01	3.05419921875	00	1.52160644531	01
3.40576171875	-01	1.58940809011	06	6.98220976636	05	2.44776275238	04	1.41793477078	00	-1.16031627427	01
-1.10036502675	00	3.98707147721	02	3.98707147721	02	5.26431818523	02	0.0		1.11015823008	01
3.68864583745	01										

POINT											
3.69796761155	05	1.91000000000	04	0.0	3.24845618819	03	3.25399309084	03	8.07744768825	-01	
2.37146879902	01	2.60375976562	00	1.46667480468	01	1.86767578125	-01	3.05419921875	00	1.47766113281	01
3.40576171875	-01	1.58941454244	06	6.98190225575	05	2.44754617070	04	1.31695841003	00	-1.06923231743	01
-1.06360194103	00	3.77413822281	02	3.77413822281	02	5.26431818523	02	0.0		1.02007804070	01
2.40203152097	01										

POINT											
3.69758761155	05	1.91500000000	04	0.0	3.2235989624	03	3.23145461055	03	8.07678531857	-01	
2.37137298525	01	2.65165039062	00	1.42492675781	01	2.41699218750	-01	3.05419921875	00	1.43371582031	01

EOIT OF MARSROT TAPE	#20414415	/EYLES	/OUPPLICATE LANDING	EDIT.CONTROL	07/26/69	3:02	PAGE	49			
				REVISION 001 OF	AGC	PROGRAM LMY99					
3.40576171875	-01	1.58942078255	06	6.98161258777	05	2.44733707054	04	1.20731928597	00	-9.81859964222	00
-1.02549108542	00	3.57842337949	02	3.57842337949	02	5.26431818523	02	0.0		9.37503546742	00
3.12539880287	01										
POINT											
3.69800761155	05	1.92000000000	04	0.0		3.20310288429	03	3.20891613027	03	8.07614608950	-01
2.37128263964	01	2.77954101562	00	1.37988281250	01	2.74658203125	-01	3.05419921875	00	1.38977050781	01
3.40576171875	-01	1.58942680311	06	6.98134005317	05	2.44713567307	04	1.09805230223	00	-8.97882581646	00
-9.86302866751	-01	3.35876907703	02	3.39876907703	02	5.26431818523	02	0.0		8.59303173148	00
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3.40576171875	-01	1.58943260622	06	6.98108395017	05	2.44694235019	04	9.89786149624	-01	-8.17663765090	00
-9.45070529828	-01	3.23431235834	02	3.23431235834	02	5.26431818523	02	0.0		7.85761937239	00
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3.40576171875	-01	1.58944357127	06	6.98061796969	05	2.44658026274	04	7.75735525106	-01	-6.68331811211	00
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3.40576171875	-01	1.58944872428	06	6.98040662962	05	2.44641150412	04	6.64214086764	-01	-5.98972563027	00
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POINT										
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-5.55806373384	-01	2.15867720451	02	2.15867720451	02	5.26398927198	02	1.46539845805	-02	2.84589769083 00
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-5.25725785412	-01	2.10374534171	02	2.10374534171	02	5.26398927198	02	0.0		2.66655083319 00
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-4.94686408153	-01	2.05154552943	02	2.05154552943	02	5.26398927198	02	0.0		2.55346672873 00
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E01T OF MARSROT TAPE #20414415		/EYLES		/DUPLICATE LANDING		E01T.CONTROL		07/26/69		3:02		PAGE		52	
						REVISION 001 OF AGC		PROGRAM		LMY99					
EVENT															
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-3.12326460723	-01	1.51571559538	02	1.51571559538	02	5.26351604906	02	0.0		3.48819396174	00				
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2.37026204324	01	1.21948242187	00	6.26220703125	00	-1.20849609375	-01	1.71386718750	00	6.30615234375	00				
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-3.06505643094	-01	1.44623090369	02	1.44623090369	02	5.26351604906	02	0.0		3.44795186798	00				
1.17832513743	01														
POINT															
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-3.07274150562	-01	1.37810134707	02	1.37810134707	02	5.26351604906	02	0.0		3.36177551641	00				
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POINT															
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-3.28657698007	-01	1.12194876688	02	1.12194876688	02	5.26351604906	02	0.0		3.14558389458	00				
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-3.73646450727 -01 4.46205037941 01 4.46205037941 01 5.26316772098 02 0.0 3.04912027069 00  
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## POINT

3.69884761154 05 2.13000000000 04 0.0 2.77532144783 03 2.79195424504 03 8.06323720956 -01  
2.37022332543 01 2.74658203125 00 1.04370117187 00 -1.75781250000 -01 1.71386718750 00 1.30737304687 00  
-1.09863281250 -01 1.58947226214 06 6.97803435230 05 2.44309518473 04 -2.64716383954 00 3.73281444722 00  
-3.79373246428 -01 3.85351877775 01 3.85351877775 01 5.26316772098 02 0.0 3.04653885040 00  
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## POINT

3.69886761154 05 2.13500000000 04 0.0 2.77181766838 03 2.78631962497 03 8.06299410575 -01  
2.37022244838 01 2.65869140625 00 1.14257812500 00 -0.88769531250 -02 1.71386718750 00 1.30737304687 00  
-1.09863281250 -01 1.58947067056 06 6.97802446303 05 2.44301890609 04 -2.65975897579 00 3.73982610364 00  
-3.81437807503 -01 3.24150930293 01 3.24150930293 01 5.26316772098 02 0.0 3.07522277728 00  
1.47920145214 01

## POINT

3.69888761154 05 2.14000000000 04 0.0 2.77438280848 03 2.78631962497 03 8.06274954494 -01  
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1.48363059657 01

## POINT

3.69890761151 05 2.14500000000 04 0.0 0.0 2.78350221493 03 8.06250202625 -01  
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-1.09863281250 -01 1.58946726091 06 6.97800449795 05 2.44286426754 04 -3.26939820415 00 3.49478063515 00  
-3.98330301966 -01 1.94689880730 01 1.94689880730 01 5.26316772098 02 0.0 5.23038048313 00  
1.48617288928 01

## EVENT

3.69890761151 05 2.22500000000 03 0.0 1.58946726091 06 6.97800449795 05 2.44286426754 04  
2.37022093842 01  
2.10000000000 01 3.70000000000 01 2.30000000000 01 3.80000000000 01 2.20000000000 01 2.20000000000 01

## POINT

3.69892761154 05 2.15000000000 04 0.0 0.0 2.89337740631 03 8.06250151353 -01  
2.37022093697 01 2.438968484375 00 -1.09863281250 -02 1.20849609375 -01 1.71386718750 00 1.30737304687 00  
-1.09863281250 -01 1.58946725508 06 6.97800446755 05 2.44286410293 04 -1.85733508417 00 4.23068416155 00  
-1.17560041562 -15 1.94473776752 01 1.94473776752 01 5.26316772098 02 0.0 -8.65065197993 -16  
1.51588941666 01

EVENT											
3.69892761154	05	2.24000000000	03	0.0		1.58946725508	06	6.97800446755	05	2.44286410293	04
2.37022093697	01										
5.10000000000	01	2.00000000000	01	3.80000000000	01	5.40000000000	01	3.70000000000	01	9.59000000000	02

POINT											
3.69894761154	05	2.15500000000	04	0.0		0.0		2.61728102284	03	8.06250151353	-C1
2.37022093697	01	2.43896484375	00	-1.09863281250	-02	1.20849609375	-01	1.71386718750	00	1.30737304687	00
-1.09863281250	-01	1.58946725508	06	6.97800446754	05	2.44286410293	04	-1.85733508417	00	4.23068416155	00
-2.94485573079	-15	1.94473776752	01	1.94473776752	01	5.26316772098	02	0.0		-1.54804719640	-15
1.51588941666	01										

POINT											
3.69896761154	05	2.16000000000	04	0.0		0.0		2.61446371281	03	8.06250151353	-01
2.37022093697	01	2.43896484375	00	-1.09863281250	-02	1.20849609375	-01	1.71386718750	00	1.30737304687	00
-1.09863281250	-01	1.58946725508	06	6.97800446754	05	2.44286410293	04	-1.85733508417	00	4.23068416155	00
-2.94350047808	-15	1.94473776752	01	1.94473776752	01	5.26316772098	02	0.0		-1.32039319693	-15
1.51588941666	01										

POINT											
3.69898761154	05	2.16500000000	04	0.0		0.0		2.61164640277	03	8.06250151353	-C1
2.37022093697	01	2.43896484375	00	-1.09863281250	-02	1.20849609375	-01	1.71386718750	00	1.30737304687	00
-1.09863281250	-01	1.58946725508	06	6.97800446754	05	2.44286410293	04	-1.85733508417	00	4.23068416155	00
-3.03441083024	-15	1.94473776745	01	1.94473776745	01	5.26316772098	02	0.0		-1.54804719640	-15
1.51588941666	01										

POINT											
3.69900761154	05	2.17000000000	04	0.0		0.0		2.60882909274	03	8.06250151353	-01
2.37022093697	01	2.43896484375	00	-1.09863281250	-02	1.20849609375	-01	1.71386718750	00	1.30737304687	00
-1.09863281250	-01	1.58946725508	06	6.97800446754	05	2.44286410293	04	-1.85733508417	00	4.23068416155	00
-2.99977057083	-15	1.94473776752	01	1.94473776752	01	5.26316772098	02	0.0		-9.10615997888	-16
1.51588941666	01										

POINT											
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2.37022093697	01	2.43896484375	00	-1.09863281250	-02	1.20849609375	-01	1.71386718750	00	1.30737304687	00
-1.09863281250	-01	1.58946725508	06	6.97800446754	05	2.44286410293	04	-1.85733508417	00	4.23068416155	00
-2.81838354737	-15	1.94473776752	01	1.94473776752	01	5.26316772098	02	0.0		-8.65085197993	-16
1.51588941666	01										

POINT											
3.69904761154	05	2.18000000000	04	0.0		0.0		2.60319447267	03	8.06250151353	-01
2.37022093697	01	2.43896484375	00	-1.09863281250	-02	1.20849609375	-01	1.71386718750	00	1.30737304687	00
-1.09863281250	-01	1.58946725508	06	6.97800446754	05	2.44286410293	04	-1.85733508417	00	4.23068416155	00
-3.17443554082	-15	1.94473776752	01	1.94473776752	01	5.26316772098	02	0.0		4.55307998944	-17
1.51588941666	01										

POINT											
3.69906761154	05	2.18500000000	04	0.0		0.0		2.60037716263	03	8.06250151353	-01
2.37022093697	01	2.43896484375	00	-1.09863281250	-02	1.20849609375	-01	1.71386718750	00	1.30737304687	00
-1.09863281250	-01	1.58946725508	06	6.97800446754	05	2.44286410293	04	-1.85733508417	00	4.23068416155	00
-2.95710721534	-15	1.94473776752	01	1.94473776752	01	5.26316772098	02	0.0		3.18715599260	-16
1.51588941666	01										

POINT											
3.69908761154	05	2.19000000000	04	0.0		0.0		2.59755985260	03	8.06250151353	-C1
2.37022093697	01	2.43896484375	00	-1.09863281250	-02	1.20849609375	-01	1.71386718750	00	1.30737304687	00

-1.09863281250	-01	1.58946725508	06	6.97800446754	05	2.44286410293	04	-1.85733508417	00	4.23068416155	00
-2.82082300226	-15	1.94473776745	01	1.94473776745	01	5.26316772058	02	0.0		-1.59357799630	-15
1.51588941666	01										

## POINT

3.69910761154	05	2.19500000000	04	0.0		0.0		2.59474254256	03	8.06250151353	-01
2.37022093697	01	2.43896484375	00	-1.09863281250	-02	1.20849609375	-01	1.71386718750	00	1.30737304687	00
-1.09863281250	-01	1.58946725508	06	6.97800446754	05	2.44286410293	04	-1.85733508417	00	4.23068416155	00
-2.56457181879	-15	1.94473776745	01	1.94473776745	01	5.26316772058	02	0.0		-1.73017039598	-15
1.51588941666	01										

## POINT

3.69912761154	05	2.20000000000	04	0.0		0.0		2.59192523253	03	8.06250151353	-01
2.37022093697	01	2.43896484375	00	-1.09863281250	-02	1.20849609375	-01	1.71386718750	00	1.30737304687	00
-1.09863281250	-01	1.58946725508	06	6.97800446754	05	2.44286410293	04	-1.85733508417	00	4.23068416155	00
-2.61547511079	-15	1.94473776752	01	1.94473776752	01	5.26316772098	02	0.0		-2.50419399419	-15
1.51588941666	01										

5.47565526387	C6	1.45519152283	-11	1.73051992979	06						
5.47904448973	06	3.94967366504	-01	1.71985205724	06						
5.48236455362	06	7.90715099006	-01	1.70920614404	06						
5.48566455405	06	1.18825632901	00	1.69855361572	06						
5.48894424830	06	1.58767940150	00	1.68789525625	06						
5.49220386052	06	1.98888883888	00	1.67723033768	06						
5.49544318642	06	2.39189692478	00	1.6665552718	06						
5.49866234162	06	2.79671546141	00	1.65588244511	06						
5.50186127164	06	3.20333500717	00	1.64519927033	06						
5.50503958537	06	3.61175415896	00	1.63450597215	06						
5.50819840884	06	4.02196055873	00	1.62381479975	06						
5.51133671541	06	4.43397446138	00	1.613111316230	06						
5.51445445015	06	4.84941833039	00	1.60240663357	C6						
5.51755186066	06	5.27170358122	00	1.59169440965	06						
5.52062881508	06	5.6535854175	00	1.58097692014	06						
5.52368521841	06	6.10833029057	00	1.57025447942	06						
5.52672107599	06	6.39043328326	00	1.55952662271	C6						
5.52973616226	06	6.58033213109	00	1.54879438713	06						
5.53272989655	06	6.83991428672	00	1.53806075386	C6						
5.53570217365	06	7.03076883900	00	1.52732577217	06						
5.53865269070	06	7.12912847010	00	1.51658992265	06						
5.54158174085	06	7.11692597359	00	1.50585286698	06						
5.54448934949	06	7.06696580197	00	1.49511477785	06						
5.54737550900	06	6.98775987303	00	1.48437569681	06						
5.55024020730	06	6.88294926582	00	1.47363566702	06						
5.55308342994	06	6.75353005138	00	1.46285472773	06						
5.55590515851	06	6.59787005759	00	1.45215291727	06						
5.55870537170	06	6.41223170040	00	1.44141027261	06						
5.56148411535	06	6.19134316725	00	1.43066655984	06						
5.56423926716	06	5.84604106850	00	1.41993023444	06						
5.56696528786	06	5.05632380979	00	1.40922304302	06						
5.56966109572	06	3.47201648398	00	1.39854720345	06						
5.57232592648	06	9.16712574209	-01	1.38790269048	06						
5.57495927491	06	-2.65455034429	00	1.37728950050	06						
5.57756118245	06	-7.19961143456	00	1.26670763698	06						
5.58013205098	06	-1.26740673813	01	1.35615710159	C6						

5.58267229817	06	-1.89296858421	01	1.34563890924	06
5.58518284281	06	-2.58062475749	01	1.33515257466	06
5.58766412798	06	-3.32780499315	01	1.32469936437	06
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5.59493654880	06	-5.94946563592	01	1.29353562375	06
5.59730365877	06	-6.95249376051	01	1.28321413319	06
5.59964246931	06	-8.02256503644	01	1.27292549181	06
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5.60423539982	06	-1.03604171846	02	1.25244925118	06
5.60648986784	06	-1.16267851970	02	1.24226166834	06
5.60871654483	06	-1.29573514170	02	1.23210775275	06
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5.61308687417	06	-1.58245176278	02	1.21190244443	06
5.61523082972	06	-1.73622841185	02	1.20185118531	06
5.61734751574	06	-1.89676346500	02	1.19183439471	06
5.61943708776	06	-2.06388677130	02	1.18185230322	06
5.62149984770	06	-2.23771942557	02	1.17190461606	06
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5.62554534671	06	-2.60573522310	02	1.15211501907	06
5.62752861679	06	-2.79959509339	02	1.14227279251	06
5.62948575002	06	-3.00011406108	02	1.13246600731	06
5.63141688626	06	-3.20740725432	02	1.12269479782	06
5.63332225881	06	-3.42140274841	02	1.11295905630	06
5.63520194333	06	-3.64190931823	02	1.10325931684	06
5.63705618731	06	-3.86892527343	02	1.09359545652	06
5.63888514359	06	-4.10247392669	02	1.08396768687	06
5.64068859838	06	-4.34273289264	02	1.07437595051	06
5.64246778447	06	-4.58954790327	02	1.06482104436	06
5.64422179709	06	-4.84281327947	02	1.05530232372	06
5.64595112302	06	-5.10217821967	02	1.04582030790	06
5.64765598192	06	-5.36759174605	02	1.03637501591	06
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5.65099300386	06	-5.91594282109	02	1.01759537299	06
5.65262544425	06	-6.19890527792	02	1.00826154833	06
5.65423408899	06	-6.48810511287	02	9.98564935253	05
5.65581905990	06	-6.78370485581	02	9.89705731616	05
5.65738048890	06	-7.08579590635	02	9.80484061942	05
5.65891853510	06	-7.39452508235	02	9.71300270118	05
5.66043342539	06	-7.70949647232	02	9.62154289582	05
5.66192533775	06	-8.03021398601	02	9.53046268205	05
5.66339438260	06	-8.35686113409	02	9.43976520408	05
5.66484079214	06	-8.68966382680	02	9.34544805557	05
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5.67040303926	06	-1.00720786901	03	8.99204272249	05
5.67173875422	06	-1.04288923646	03	8.90366083908	05
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5.68719308416 06 -1.55891924748 03 7.79072639342 05  
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5.69412352047 06 -1.87460086906 03 7.21978964758 05  
5.69503832542 06 -1.92142460835 03 7.13988231189 05  
5.69593478456 06 -1.96867516995 03 7.06039014823 05  
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5.69767331621 06 -2.06447306224 03 6.90266600551 05  
5.69851575641 06 -2.11298647146 03 6.82443259989 05  
5.69934049645 06 -2.16188870924 03 6.74662480258 05  
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\*\*\*\*\* PHYSICAL DATA: FRAMES= 18, JOB LENGTH= 295", MAX FKAME= 20", AVG FRAME= 12"

\*\*\*END OF JOB VIA CALL FILEPLOT,(-N)

MAIN PROGRAM REENTERED AT ENTRY #2

EDIT OF MARSROT TAPE #20414415 /EYLFS

/DUPLICATE LANDING

EDIT CONTROL 07/26/69 3:02  
REVISION 001 OF AGC PROGRAM LMY99

PAGE

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\*\*\* THE MARSROT TAPE USED IN THIS JOB STEP HAS BEEN SAVED.

## MAC POST MORTEM ANALYSIS

TERMINATION CONDITION: NORMAL

CONTROLLING MAC PROGRAM AT TERMINATION WAS COMMON.FILEPLCT

BLOCK # 1

BLOCK ADDRESS 520 (HEXADECEIMAL) 1312 (DECIMAL)

PROGRAM TERMINATED AT STATEMENT M#C02800

CONTENTS OF SUBROUTINE RETURN PUSHDCWN LIST (STARTING WITH THE NEWEST ENTRY):

SUBROUTINE	BLOCK #	BLOCK ADDRESS
COMMON.LETRPLOT	1	4C2
COMMON.OONPLOT	8	282
EDIT.CONTROL	1	382

## CURRENT FILE INDEX SETTINGS:

DATAFILE READ	2268
DATAFILE WRITE	1510
CALLFILE READ	0
CALLFILE WRITE	0

RUN TIME WAS 236.36 SECONDS. THERE WERE 20 PBLK LCAOS, 1915 DBLK LCAOS

END OF MAC OBJECT TIME JOB STEP

IEF285I	SYS1.MACPAC	KEPT
IEF285I	VOL SER NOS= SYSLIB.	
IEF285I	SYS1.MACEXT	KEPT
IEF285I	VOL SEP NOS= SYSLIB.	
IEF285I	SYS69207.T025209.SV000.A082544.R0000018	SYSOUT
IEF285I	VCL SER NOS= SYSI01.	
IEF285I	SYS69207.T025209.SV000.A082544.R0000019	SYSOUT
IEF285I	VOL SER NOS= SYSI01.	
IEF285I	SYS1.SIMAOF	KEPT
IEF285I	VOL SER NOS= SYS16A.	
IEF285I	SYS1.SIMAOF1	KEPT
IEF285I	VOL SER NOS= SYS16A.	
IEF285I	SYS69207.T025209.RV000.A082544.R0000020	DELETED
IEF285I	VOL SER NOS= WRKORM.	
IEF285I	SYS1.MACEXT	KEPT
IEF285I	VOL SER NOS= SYSLIB.	
IEF285I	AGGSIM.AOATA	KEPT
IEF285I	VOL SER NOS= STCR02.	
IEF285I	MACPROG.COMMON.UNIVERSE	KEPT
IEF285I	VOL SER NOS= MCP001.	
IEF285I	MACPROG.COMMON.LETRPLOT	KEPT
IEF285I	VCL SER NOS= MCP002.	
IEF285I	MACPROG.COMMON.FILEPLOT	KEPT
IEF285I	VOL SER NOS= MCP004.	
IEF285I	MACDATA.UNIV.EPHM6970	KEPT
IEF285I	VCL SEP NOS= MCP005.	
IEF285I	SYS69207.T025209.RV000.A082544.R0000025	KEPT
IEF285I	VOL SER NOS= MCP006.	
IEF284I	SYS69207.T030600.RV000.A082544.RSYSPLCT	ACT DELETED R
IEF284I	VOL SER NOS= PLOT01 1.	
IEF285I	SYSPL0T.CATLG	KEPT
IEF285I	VOL SER NOS= PLCT01.	
IEF285I	SYS69207.T025209.RV000.A082544.R0000027	DELETED
IEF285I	VOL SEP NOS= WRKORM.	
IEF285I	SYS69207.T025209.RV000.A082544.R0000028	DELETED
IEF285I	VOL SER NOS= WRKORM.	
IEF285I	SYS69207.T025209.RV000.A082544.R0000029	KEPT
IEF285I	VOL SER NOS= AGCB02.	
IEF285I	SYS69207.T025209.RV000.A082544.R0000030	DELETED
IEF285I	VOL SER NOS= SYSI03.	
IEF285I	SYS69207.T025209.PV000.A082544.R0000031	DELETED
IEF285I	VOL SER NOS= SYSI03.	
IEF285I	TAPDIP8	KEPT
IEF285I	VOL SER NOS= STOR01.	
IEF285I	TAPCIR9	KEPT
IEF285I	VOL SER NOS= SYSLIB.	
IEF285I	MARSROTA	KEPT
IEF285I	VCL SER NOS= MT0348.	
IEF285I	RAOEFF	KEPT
IEF285I	VOL SER NOS= STOR02.	
IEF285I	SYS69207.T025209.RV000.A082544.S0000034	SYSIN
IEF285I	VOL SER NOS= SYSI03.	
IEF285I	SYS69207.T025209.RV000.A082544.S0000034	DELETED
IEF285I	VOL SER NOS= SYSI03.	
IEF280I	K OC3,MT0348,A082544,R	
ENO STEP	2: A082544 R	SYSTEM CODE=000,USER CODE=0000
		STEP TIME: 6.807 MIN 07/26/69 03:10:54

BASED ON DECEMBER, 1968 ACCOUNTING, THIS JOB COST 65.37 DOLLARS.

THIS ACCOUNT BUDGET: TB= 6600.000 MIN, TL= 2898.476 MIN, TI= 0.000 MIN

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2-84c



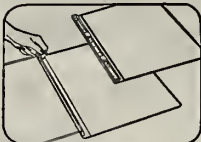


4½"  
6"  
7"  
8½"

Standard

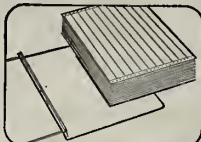
**BOORUM  
& PEASE**

PRESSBOARD NYLON POST BINDER N32-14GU

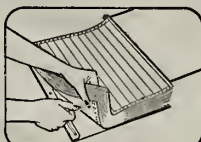


**BURST FORMS**

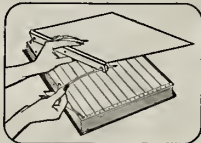
**1** Take this back cover (with the printed instructions) and insert the posts through the two end holes. Put posts into the metal channels and thread firmly until set into position. The posts will be upright when channel is folded back against cover.



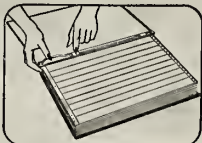
**2** Jog sheets that are to be put into binder until they are evenly stacked.



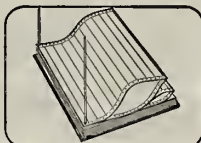
**3** Insert posts through 2nd hole from ends of sheets.



**4** Place top cover in position by putting posts through the end holes in cover. Make sure you start the posts through the pressboard side, extending them into the metal channels, keeping the plastic slides in the center of the channel.



**5** Bend the posts toward the center of channel and tuck them under the plastic slide lock. Push the slide locks towards the ends of the binder over the posts until tight.



**UNBURST FORMS**

**6** Follow procedure above — except in Step 2 insert posts through the two (end) holes at each margin as shown.

**TOP AND BOTTOM LOADING.** This binder provides for top or bottom loading where desirable. This is accomplished by using nylon posts tapered at both ends. Both covers have channels to secure the posts as described in Step 4 above. These tapered posts and extra slide locks are available from your dealer. Ask him for N31A Assortment.

**ALL PURPOSE BINDER.** Designed for housing Marginal Punched Sheets, Unburst Stripped Sheets and conventional forms punched with 2½", 4¼", 6", 7" and 8½" centers.

MADE IN U.S.A.

