

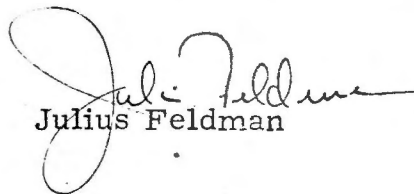


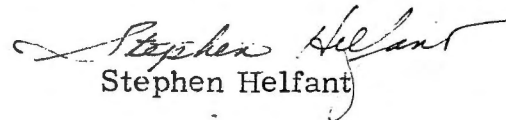
ISS MEMO 75-10

To: P. Felleman  
From: J. Feldman/S. Helfant  
Date: 12 January 1975  
Subject: Preliminary Inertial Performance Parameters for the  
USA/Soviet Union Mission; CM-111, G&N 215, IMU 25

The preliminary inertial performance compensation parameters are enclosed. Test data obtained on 5 December 1975 were used for IMU 25's compensation.

In converting from decimal to octal the PIPA scale factor values were rounded to the nearest ten. IRIG ADSRA & ADIA values were rounded off to the nearest integer.

  
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Stephen Helfant

JF/SH: cg

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USA/Soviet Union: CM-111, G&N 215, IMU 25

	<u>Decimal Value</u>	<u>Octal Value</u>
X PIPA Bias (cm/sec <sup>2</sup> )	+0.04	00110
X Scale Factor (ppm)	-240	74042
Y PIPA Bias (cm/sec <sup>2</sup> )	-0.36	76572
Y Scale Factor (ppm)	-930	60606
Z PIPA Bias (cm/sec <sup>2</sup> )	-0.23	77143
Z Scale Factor (ppm)	-560	66645
NBD X (meru)	+1.3	00245
NBD Y (meru)	-0.1	77762
NBD Z (meru)	+2.7	00530
ADSRA X (meru/g)	+7	00205
ADSRA Y (meru/g)	-5	77640
ADSRA Z (meru/g)	-2	77731
ADIA X (meru/g)	+17	00503
ADIA Y (meru/g)	-10	77501
ADIA Z (meru/g)	-8	77547