NA

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4.3 ORGANIZATION: 14.4 DATE:

MIT/IL SOFTWARE ANOMALY REPORT 1.2 ORGANIZATION: 1.3 DATE: 1.1 ORIGINATOR: 5/20/69 MIT/IL G. W. CHERRY ROGRAM REVISION 1.5 DESCRIPTION OF ANOMALY: Site Redesignation Routine erasables are shared with P65, P66. If ACA is out of detent in P64, just before switch to P65 or P66, this routine continues to run in P65. P66 clobbering P65 and P66 erasables. CONTINUED ON PAGE 6 DESCRIPTION OF RUN: Landing run on LMS in Houston. Symptom found and reported to MIT by Ron Croston. CONTINUED ON PAGE - MIT ANALYSIS -2:1- CAUSE: Erasable conflict between erasables used by site redesignation coding and P65/P66. 2.2 RECOGNITION: Incorrect throttle commands from P65, CONTINUED ON PAGE 2.3 MISSION EFFECT: During terminal phase programs, throttle commands could be bad causing an abort of the landing. CONTINUED ON PAGE 2.4 AVOIDANCE PROCEDURE: Do not exercise ACA for last several seconds in P64. CONTINUED ON PAGE 2.5 RECOVERY PROCEDURE: None CONTINUED ON PAGE 2.6 PROGRAM CORRECTION: Eliminate erasable conflict. Symptom was traced to cause and corrected by Don Eyles, MIT/IL. CONTINUED ON PAGE 2.7 RECOMMENDED DISPOSITION (Fix, Work-ground, etc): Fix in re-release of LUMINARY 1A. CONTINUED ON PAGE 2.8 RECOMMENDED RE-TESTING: See AG #254-69. 2.9 MIT/IL SIGNATURE: 2. 10 DATE: CONTINUED ON PAGE Lecree M. 3.1 NASA DIRECTION: 4.1 CLOSING ACTION TAKEN: Fixed in LUMINARY REV 99.

MSC Form 1409 (Rev May 68)

3.2 NASA/MSC SIGNATURE:

3.3 ORGANIZATION

13.4 DATE:

4.2 SIGNATURE: