

MIT/IL SOFTWARE ANOMALY REPORT

REPORT NO. INY-44
PROGRAM LUMINARY
PROGRAM REVISION 69

ORIGINATOR: ROBERT FORD	L2 ORGANIZATION: MSC/ECSD-CF336	L3 DATE: 3/12/69	L4 ORIGINATOR CONTROL NO. HOU-1013
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1.5 DESCRIPTION OF ANOMALY:
Program alarm 1201 occurs following bypass of P41 maneuver to the F mission rendezvous plane change thrusting attitude. The alarm is issued only if P20 is running concurrently.

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1.6 DESCRIPTION OF R-4:
F mission rendezvous runs on LMS #1.

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- MIT ANALYSIS -

2.1 CAUSE:
An erasable conflict between R65 and MIDTOAVE

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2.2 RECOGNITION: 1201 Alarm, possibly followed by other anomalous behavior.

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1 MISSION EFFECT: Loss of LGC until erasable memory can be verified and perhaps initialized.

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2.4 AVOIDANCE PROCEDURE: Do not enter P40, P41, P42 or P47 with P20 or P25 running.

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2.5 RECOVERY PROCEDURE:
Reload locations 1742 and 1743 at a minimum.

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2.6 PROGRAM CORRECTION:
Unshare R65 and MIDTOAVE erasables.

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2.7 RECOMMENDED DISPOSITION (Fix, Work-around, etc):
1. Work around for Luminary 1 (Mission F)
2. Fixed in Luminary 1A

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2.8 RECOMMENDED RE-TESTING: Run test L4A.9 on the Hybrid.

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2.9 MIT/IL SIGNATURE: <i>George W. Cherny</i>	2.10 DATE:
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3.1 NASA DIRECTION:	4.1 CLOSING ACTION TAKEN: <i>Program note has been written.</i>
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3.2 NASA/MSD SIGNATURE:	3.3 ORGANIZATION:	3.4 DATE:	4.2 SIGNATURE:	4.3 ORGANIZATION:	4.4 DATE:
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