

NA

MIT/IL SOFTWARE ANOMALY REPORT

REC REPORT NO.
LNK - 8
PROGRAM
LUMINARY
PROGRAM REVISION
42

1.1 ORIGINATOR: Don Hughes	1.2 ORGANIZATION: LEC	1.3 DATE: 9/19/68	1.4 ORIGINATOR CONTROL NO. LM-LUM-8
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1.5 DESCRIPTION OF ANOMALY: After throttle recovery in P63, Guidance Select switch was changed from PGNCS to AGS and the Abort button was depressed, resulting in IGC display of P70. At a range of 10 n.m., the Abort Stage button was depressed and the DSKY blanked with V37 flashing and program alarm 1502. Attempts to enter P00 and P37 via V37 gave OPR ERR light. Entered V34 and V96 with no change in DSKY display. Then entered V69 and P71 was displayed but R1, R2, and R3 remained blank. Could not exit P71 via V37 entry. Could only exit via fresh start.

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1.6 DESCRIPTION OF RUN:
FMES/FCI lab.

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- MIT ANALYSIS -

2.1 CAUSE:
Conflict between the normal V06N63 display issued by P12 and the flashing V16N63 issued by P12 when the engine is shut off. Fixed in Revision 43.

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2.2 RECOGNITION:

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2.3 MISSION EFFECT:

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2.4 AVOIDANCE PROCEDURE:

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2.5 RECOVERY PROCEDURE:

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2.6 PROGRAM CORRECTION:

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2.7 RECOMMENDED DISPOSITION (Fix, Work-around, etc):

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2.8 RECOMMENDED RE-TESTING:

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2.9 MIT/IL SIGNATURE:	2.10 DATE:
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3.1 NASA DIRECTION:

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4.1 CLOSING ACTION TAKEN:

Fixed in Rev. 43.

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3.2 NASA/OSC SIGNATURE:	3.3 ORGANIZATION	3.4 DATE:	4.2 SIGNATURE:	4.3 ORGANIZATION:	4.4 DATE:
			<i>[Signature]</i>	MIT	12-3-68