

MIT/IL SOFTWARE ANOMALY REPORT

MIT REPORT NO.	LNY 82
PROGRAM	LUMINARY
PROGRAM REVISION	97

1.1 ORIGINATOR: <p style="text-align: center;">GARMAN</p>	1.2 ORGANIZATION: <p style="text-align: center;">FSR</p>	1.3 DATE: <p style="text-align: center;">6/24</p>	1.4 ORIGINATOR CONTROL NO.
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1.5 DESCRIPTION OF ANOMALY:

P68 sets MAX deadband, but the routine "RESTORDB" executed as part of V37 will return the DB to whatever the crew last requested in N46 (e. g. min.). Hence P68 guarantees maximum DB only while P68 is running.

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1.6 DESCRIPTION OF RUN:

LMS simulation where jet firings occurred on lunar surface. P. Weissman gave this as a possibility.

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- MIT ANALYSIS -

2.1 CAUSE:

See 1. 5.

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2.2 RECOGNITION:

See 1. 6.

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2.3 MISSION EFFECT:

Possible jet firings on surface after P68 exit.

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2.4 AVOIDANCE PROCEDURE:

Set maximum db via R03 prior to PDI.

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2.5 RECOVERY PROCEDURE:

Set maximum db via R03.

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2.6 PROGRAM CORRECTION:

Set deadband bit of DAPDATRI to maximum db in P68 or implement PCR 838.

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

Fix for 1B. (See PCR 838)

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2.8 RECOMMENDED RE-TESTING:

Hybrid special test.

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2.9 MIT/IL SIGNATURE: <i>George W. Cherry</i>	2.10 DATE: <i>7/11/69</i>
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3.1 NASA DIRECTION:

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4.1 CLOSING ACTION TAKEN:

fix by PCR 839 w/for off

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3.2 NASA/MSC SIGNATURE:	3.3 ORGANIZATION	3.4 DATE:	4.2 SIGNATURE:	4.3 ORGANIZATION:	4.4 DATE:
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