

MIT/IL SOFTWARE ANOMALY REPORT

MIT REPORT NO. LHY 27
PROGRAM Luminary
PROGRAM REVISION 89

1.1 ORIGINATOR: R. Covelli	1.2 ORGANIZATION: MIT/IL	1.3 DATE: 1/14/69	1.4 ORIGINATOR CONTROL NO.
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1.5 DESCRIPTION OF ANOMALY:
The landing radar velocity update is scaled at twice the scaling it should be.

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1.6 DESCRIPTION OF RUN:
Interpretive trace of nominal digital simulation of landing.

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- MIT ANALYSIS -

2.1 CAUSE:
Coding error

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2.2 RECOGNITION:
None

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2.3 MISSION EFFECT:
None

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2.4 AVOIDANCE PROCEDURE:
Pad loaded erasables LRWVX, LRWVY, LRWVZ should be scaled B+1 (i. e., use $\frac{1}{2}$ of the true value)

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2.5 RECOVERY PROCEDURE:
None

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2.6 PROGRAM CORRECTION:
See 2.4

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2.7 RECOMMENDED DISPOSITION (Fix, Work-around, etc):
**Work around as in 2.4
 Fix in LUMINARY 1A**

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2.8 RECOMMENDED RE-TESTING:
Interpretive trace of digital simulation of nominal landing.

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2.9 MIT/IL SIGNATURE: <i>James S. Forman</i>	2.10 DATE: 1/15/69
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3.1 NASA DIRECTION:

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4.1 CLOSING ACTION TAKEN:
**Fix in LUMINARY 1A
 George W. Cherry**

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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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