MIT/IL SOFTWARE ANOMALY REPORT

1.1 ORIGINATOR: P. VOLANTE	1.2 ORGANIZATION: MIT/IL	1.3 DATE: 8/20/69	1.4 ORIGINATOR CONTROL NO.	MSC REPORT NO. L-1B-02 PROGRAM LUMINARY PROGRAM REVISION 116

1.5 DESCRIPTION OF ANOMALY:

R29 will not achieve RR lockon.

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1.6 DESCRIPTION OF RUN:

Nominal ascent.

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- MIT ANALYSIS -

2.1 CAUSE:

Incorrect computation of shaft commands by R29.

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2.2 RECOGNITION:

None.

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2.3 MISSION EFFECT:

R29 cannot be used.

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2.4 AVOIDANCE PROCEDURE:

Bypass R29 by having the RR mode switch not in the LGC position during ascent.

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2.5 RECOVERY PROCEDURE:

None.

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2.6 PROGRAM CORRECTION:

Fix coding.

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

Work-around for LUMINARY 1B; fix in LUMINARY 1C.

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2.8 RECOMMENDED RE-TESTING:

Ascent with R29.

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2.9 MIT/IL SIGNATURE:	2.10 DATE:
Duncan McKay	27 Aug 69

3.1 NASA DIRECTION:	4.1 CLOSING ACTION TAKEN:
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3.2 NASA/MSC SIGNATURE:	3.3 ORGANIZATION	3.4 DATE:	4.2 SIGNATURE:	4.3 ORGANIZATION:	4.4 DATE:

MSC Form 1409 (Rev May 68)