

# MIT/IL SOFTWARE ANOMALY REPORT

MIT REPORT NO. <b>L-1B-02</b>
PROGRAM <b>LUMINARY</b>
PROGRAM REVISION <b>116</b>

1.1 ORIGINATOR: <b>P. VOLANTE</b>	1.2 ORGANIZATION: <b>MIT/IL</b>	1.3 DATE: <b>8/20/69</b>	1.4 ORIGINATOR CONTROL NO.
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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: <b>22 Aug 69</b>
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3.1 NASA DIRECTION:

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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:
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