

MIT/IL SOFTWARE ANOMALY REPORT

MIT REPORT NO. LN 24
PROGRAM LUMINARY
PROGRAM REVISION 69

1.1 ORIGINATOR: C. Schulenberg CWS	1.2 ORGANIZATION: MIT/IL	1.3 DATE: 1/29/69	1.4 ORIGINATOR CONTROL NO.
1.5 DESCRIPTION OF ANOMALY: The quantity TGOAUG is indicated to be a pad-loaded erasable by the LUMINARY GSOP R-567 Section 5 revision 1 (page 5.7-4). In Rev. 69 of LUMINARY, however, this quantity is in fixed memory. TGOAUG is the increment added to time-to-go when the AGC switches from P63 to P64 and its value depends on the targetting used.			
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1.6 DESCRIPTION OF RUN: Visual comparison of GSOP with program			
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- MIT ANALYSIS -			
2.1 CAUSE: N/A			
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2.2 RECOGNITION: N/A			
CONTINUED ON PAGE			
2.3 MISSION EFFECT: Less flexibility in targetting landing			
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2.4 AVOIDANCE PROCEDURE: N/A			
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2.5 RECOVERY PROCEDURE: N/A			
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2.6 PROGRAM CORRECTION: Put the quantity TGOAUG in erasable memory			
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2.7 RECOMMENDED DISPOSITION (Fix, Work-around, etc): Fix in LUMINARY IA			
CONTINUED ON PAGE			
2.8 RECOMMENDED RE-TESTING: Nominal Landing run.			
CONTINUED ON PAGE			2.9 MIT/IL SIGNATURE: <i>George W. Cherry</i>
3.1 NASA DIRECTION:			2.10 DATE: 1/29/69
3.2 NASA/MSC SIGNATURE:		4.1 CLOSING ACTION TAKEN: Fix in LUMINARY IA <i>George W. Cherry</i>	
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3.3 ORGANIZATION:	3.4 DATE:	4.2 SIGNATURE:	4.3 ORGANIZATION:
4.4 DATE:			