

MIT/IL SOFTWARE ANOMALY REPORT

P. RYAN

1.1 ORIGINATOR: GARMAN		1.2 ORGANIZATION: FSB		1.3 DATE: 6/24		1.4 ORIGINATOR CONTROL NO.	
						MICROREPORT NO. LDNY 83	
						PROGRAM LUMINARY	
						PROGRAM REVISION 99	
1.5 DESCRIPTION OF ANOMALY:							
<p>At touchdown (P66) N63 gave HDOT of -5 fps and H of a 0.0 ft. By the time they went to P68, N63 gave -10 fps and H of about -18,000 ft. However, the P68 LAT/LONG/ALT display gave an altitude of -0.4 nm which is not very consistent with the previously mentioned N63H.</p>							
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1.6 DESCRIPTION OF RUN:							
<p>An LMS (with MCC) descent run. We assume that the touchdown non-zero HDOT was due to losing PIPA counts due to a hard touchdown. The inconsistency between N63 and N43 (in P68) is unknown, though.</p>							
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- MIT ANALYSIS -							
2.1 CAUSE:							
<p>Unable to reproduce this occurrence at MIT. We can think of no way that the symptom could occur.</p>							
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2.2 RECOGNITION:							
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2.3 MISSION EFFECT:							
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2.4 AVOIDANCE PROCEDURE:							
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2.5 RECOVERY PROCEDURE:							
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2.6 PROGRAM CORRECTION:							
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2.7 RECOMMENDED DISPOSITION (Fix, Work-around, etc):							
<p>Insufficient information to evaluate - need more complete description and data. Probably some kind of observer error or simulator error.</p>							
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2.8 RECOMMENDED RE-TESTING:							
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						2.10 DATE: 7-17-69	
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:	