MIT/IL SOFTWARE	ANOMALY	REPORT	MEREPORT IN. LILY 40
1.1 ORIGINATOR: 1.2 ORGANIZATION:	1.3 DATE:	1.4 ORIGINATOR	PROCES Luminary
R. Covelli MIT/I	L 3/5/69	CONTROL NO.	PROGRAM REVISIO:069
1.5 DESCRIPTION OF ANOMALY:			
Verb 68, which is supposed to cause an immediate switch from P63 to P64, does not function properly in a two			
phase landing It causes linear guidance to be started, and			
linear guidance continues to the nominal P63-P64 change.			
			CONTINUED ON DAGE
1.6 DESCRIPTION OF RUN:			CONTINUED ON PAGE
Detected from flowchart	•		•
Detected 11 om 110 went t	• •		•
			CONTINUED ON PAGE
	ANALYSIS -		
2.1 CAUSE:			· •
Verb 68 was intended only to be used in one-phase landings so that its use in two phase landings does not work properly .			
1ts use in two phase landings does not wo 2.2 RECOGNITION:	ork property	•	CONTINUED ON PAGE
Z. Z RECOGNITION.	_		•
Verb 68 is keyed in, but mode 6	33 remains.		
2.3 MISSION EFFECT:	• •	-	CONTINUED ON PAGE
Unpredictable ·			•
			CONTINUED ON PAGE
2.4 AVOIDANCE PROCEDURE:			
Don't use Verb 68 in two phase landings			
			CONTINUED ON PAGE
2.5 RECOVERY PROCEDURE:			
2.6 PROGRAM CORRECTION:			CONTINUED ON PAGE
The new guidance equations in Luminary 1A do not have this			
problem.		6	
2.7 RECOMMENDED DISPOSITION (Fix, Work-around, etc):		•	CONTINUED ON PAGE
None		•	
· · · · · · · · · · · · · · · · · · ·			CONTINUED ON PAGE
2.8 RECOMMENDED RE-TESTING:			
None	2.9 MIT/IL SIGNATURE	· _	2 10 DATE
CONTINUED ON PAGE	2.9 MIT/IL SIGNATURE		2. 10 DATE:
3.1 NASA DIRECTION:	41 CLOSING ACTION	TAXEN:	
	Noes.	not affect	here!
	11/2	ors blew	bere
J. N. Cherry			
	VB68	should no	CONTINUED ON PAGE
CONTINUED ON PAGE	U. P. C	1 in G-10	ecitle estable
1.2 MACADIAC CICNATURE IN 2 COOLINGED CO	4.2 SIGNATURE:	والمراكب المراكب المرا	
	- SIGNATURE:	A S UKGA	ANIZATION: 4 4 DAIE:
MSC Form 1409 (Rev May 68)			