

NA

MIT/IL SOFTWARE ANOMALY REPORT

1.1 ORIGINATOR: P. RYE		1.2 ORGANIZATION: MIT		1.3 DATE: 3/7/69		1.4 ORIGINATOR CONTROL NO.		MIT REPORT NO. COM 6			
1.5 DESCRIPTION OF ANOMALY: Storing of gimbal angles at liftoff for initialization of attitude errors in P11 is not properly restart-protected.								PROGRAM COLOSSUS 2			
								PROGRAM REVISION COMANCHE 45			
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1.6 DESCRIPTION OF RUN: Eye-ball											
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MIT ANALYSIS											
2.1 CAUSE: Restart logic bypasses coding which scales and stores gimbal angles.											
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2.2 RECOGNITION: Restart at liftoff.											
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2.3 MISSION EFFECT: Possible inaccuracy in initial needles display.											
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2.4 AVOIDANCE PROCEDURE: None											
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2.5 RECOVERY PROCEDURE: None											
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2.6 PROGRAM CORRECTION: Move initialization coding so that it is included in restart-protected area.											
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2.7 RECOMMENDED DISPOSITION (Fix, Work-around, etc): Fix for COLOSSUS 2A.											
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2.8 RECOMMENDED RE-TESTING: Restart test of P11.											
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3.1 NASA DIRECTION: FIX FOR COLOSSUS 2A					4.1 CLOSING ACTION TAKEN: CLOSED <i>MIT will fix for Colossus 2A SEE ALSO PROGRAM NOTE 3.7.1 SECTION A</i>						
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3.2 NASA/MSC SIGNATURE: <i>[Signature]</i>		3.3 ORGANIZATION: NASA/MSC/RT		3.4 DATE: 3-17-69		4.2 SIGNATURE: <i>[Signature]</i>		4.3 ORGANIZATION: NASA/MSC/RT		4.4 DATE: 3-17-69	