NA

MIT/IL SOFTWARE ANOMALY REPORT

SPR REPORT NO. COM 7

1.1 ORIGINATOR:	1.2 ORGANIZATION:	1.3 DATE:	1.4 ORIGINATOR CONTROL NO.	PROGRAM:	PROGRAM REVISION:
R. A. HASLAM	MIT/IL	3/20/69		Colossus 2	Comanche 44, 45

1.5 DESCRIPTION OF ANOMALY:

PROCEED response to V50N25 R1=15 in P51, P53 (please perform celestial body acquisition) fails to initialize gyro compensation.

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1.6 DESCRIPTION OF RUN:

Eye-ball

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- MIT ANALYSIS -

2.1 CAUSE:

Program code which initializes gyro compensation is bypassed on PROCEED response.

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2.2 RECOGNITION:

Difficult to assess

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2.3 MISSION EFFECT:

Uncompensated drift will degrade subsequent alignment.

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2.4 AVOIDANCE PROCEDURE:

Always perform coarse alignment in P51 (ENTER to V50N25 R1=15)

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2.5 RECOVERY PROCEDURE:

Re-select P51 if coarse align inadvertently bypassed.

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2.6 PROGRAM CORRECTION:

Move compensation initialization procedure to area common to 'ENTER' and 'PROCEED' responses.

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2.7 RECOMMENDED DISPOSITION (Fix, Work-around, etc):

2.4 or 2.5 above for COL 2
Fix for COL 2A

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2.8 RECOMMENDED RE-TESTING:

Level 3 P51 test

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2.9 MIT/IL SIGNATURE: R. A. Haslam

2.10 DATE: 3/20/69

3.1 NASA DIRECTION:

FIX FOR COLOSSUS 2A

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4.1 CLOSING ACTION TAKEN:

MIT will fix for Colossus 2A.

CLOSED

SEE PROGRAM NOTE 1.6.4 SEC A

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3.2 NASA/MSC SIGNATURE:	3.3 ORGANIZATION:	3.4 DATE:	4.2 SIGNATURE:	4.3 ORGANIZATION:	4.4 DATE:
		3/26/69		NASA/MSC/FOS	3/26/69

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