MIT/IL SOFTWARE ANOMALY REPORT

1.1 ORIGINATOR: ADLER & EYLES
1.2 ORGANIZATION: MIT/IL
1.3 DATE: 12 Dec 68
1.4 ORIGINATOR CONTROL NO.

1.5 DESCRIPTION OF ANOMALY:
If P63 is terminated before SERVICER is turned on at TIG-30 seconds, any subsequent selection of P40, P41, P42, or P47 will use an incorrect AVERAGE-G routine with dire results. This condition holds until the next time SERVICER is terminated.

1.6 DESCRIPTION OF RUN:
Hybrid test of P63

2.1 CAUSE:
MUNFLAG is set at the beginning of P63 and P12 and is reset only at AVGEND.

2.2 RECOGNITION:
Possibly abnormal displays after AVERAGE-G is turned on.
(Nouns 40, 83, 85)

2.3 MISSION EFFECT:
P40, P41, P42, or P47 not possible without following recovery procedure.

2.4 AVOIDANCE PROCEDURE:
Wait until after TIG-30 before terminating P63 (or P12).
(Or see 2.5)

2.5 RECOVERY PROCEDURE:
Manually reset MUNFLAG (Bit 8 Flag 6) by keying V 25 N 7 E 102 E 200 E 0 E before TIG-30 in P40, etc. If P40, etc., already selected and past TIG-30, terminate and reselect.

2.6 PROGRAM CORRECTION:
Explicitly reset MUNFLAG in Verb 37 logic or at start of P40, P41, P42, and P47.

2.7 RECOMMENDED DISPOSITION (Fix, work-around, etc.):
Program Note: If P63(or P12) is terminated before SERVICER is turned on at TIG-30, reset MUNFLAG as described in 2.5 immediately.

2.8 RECOMMENDED RE-TESTING:
Special Hybrid Test: Termination of P63 followed by selection of P40.

2.9 MIT/IL SIGNATURE:
2.10 DATE:

3.1 NASA DIRECTION:
3.2 NASA/MSC SIGNATURE:
3.3 ORGANIZATION
3.4 DATE:

4.1 CLOSING ACTION TAKEN:
- Program Note

4.2 SIGNATURE:
4.3 ORGANIZATION
4.4 DATE:

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