NA

MIT/IL SOFTWARE ANOMALY REPORT

1.1 ORIGINATOR:	1.2 ORGANIZATION:	1.3 DATE:	1.4 ORIGINATOR CONTROL NO.	MSC REPORT NO.
P. C. SMITH	TRW	9/20/68	A-174-G-02	LNY-15
				PROGRAM: LUMINARY
				PROGRAM REVISION: 43

1.5 DESCRIPTION OF ANOMALY:

The P63 ignition-time computation loop calculates a new Δtig, uses it to update tig, then exits the loop if Δtig is small. After exit, the updated time is mismatched by Δtig from the time of validation of the state vector used to compute thrust direction for ignition.

CONTINUED ON PAGE

1.6 DESCRIPTION OF RUN:

Visual inspection.

CONTINUED ON PAGE

- MIT ANALYSIS -

2.1 CAUSE:

Not an anomaly. The ignition algorithm functions according to GSOP specifications.

CONTINUED ON PAGE

2.2 RECOGNITION:

CONTINUED ON PAGE

2.3 MISSION EFFECT:

CONTINUED ON PAGE

2.4 AVOIDANCE PROCEDURE:

CONTINUED ON PAGE

2.5 RECOVERY PROCEDURE:

CONTINUED ON PAGE

2.6 PROGRAM CORRECTION:

CONTINUED ON PAGE

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

CONTINUED ON PAGE

2.8 RECOMMENDED RE-TESTING:

CONTINUED ON PAGE

2.9 MIT/IL SIGNATURE:	2.10 DATE:

3.1 NASA DIRECTION:

CONTINUED ON PAGE

4.1 CLOSING ACTION TAKEN:

Not an anomaly.

CONTINUED ON PAGE

3.2 NASA/MSC SIGNATURE:	3.3 ORGANIZATION	3.4 DATE:	4.2 SIGNATURE:	4.3 ORGANIZATION:	4.4 DATE:
			[signature]	MIT	12-3-68

MSC Form 1408 (Rev May 68)