

MIT/IL SOFTWARE ANOMALY REPORT

MIT REPORT NO. LNK 26
PROGRAM Luminary
PROGRAM REVISION 69

1.1 ORIGINATOR: Vella	1.2 ORGANIZATION: MIT	1.3 DATE: 1-8-69	1.4 ORIGINATOR CONTROL NO.
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1.5 DESCRIPTION OF ANOMALY:
 After an illegal monitor verb-noun is executed the LGC verb register is left containing a display verb rather than the monitor verb remaining in the verb lights.

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1.6 DESCRIPTION OF RUN:

1) Key V16N09E OP Error Key Error Reset Key N20E - Display: V06N20	2) Key V15N36E OP Error Key Error Reset Key N09E Display: V05N09E
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- MIT ANALYSIS -

2.1 CAUSE:
Unknown

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2.2 RECOGNITION:
Hybrid Testing

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2.3 MISSION EFFECT:
None

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2.4 AVOIDANCE PROCEDURE:
Use proper verb-noun combinations

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2.5 RECOVERY PROCEDURE:
 After an illegal monitor verb-noun is executed the monitor verb must be keyed in again if it is desired to be executed again.

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2.6 PROGRAM CORRECTION:
Add two lines

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2.7 RECOMMENDED DISPOSITION (Fix, Work-around, etc):
Fix in 1A Program note for SUNDANCE, LUMINARY I

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2.8 RECOMMENDED RE-TESTING:
Hybrid sequences as in 1.6

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2.9 MIT/IL SIGNATURE: <i>[Signature]</i>	2.10 DATE: 1/14/69
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3.1 NASA DIRECTION:

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4.1 CLOSING ACTION TAKEN:
Fix in LUMINARY 1A
[Signature]

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3.2 NASAMSC SIGNATURE:	3.3 ORGANIZATION:	3.4 DATE:	4.2 SIGNATURE:	4.3 ORGANIZATION:	4.4 DATE:
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1.5 continued

If verb 16 is executed with an octal noun, the operator error light goes on but the AGC retains verb 06 rather than the verb 16 remaining in the verb lights. If the noun is changed to a decimal noun and the ENTER button is pressed, the AGC executes a verb 06 instead of the verb 16 still in the verb lights.

The recovery procedure is to key in VERB 16 again.