

CLASSIFIED MESSAGE

2200Z 31 OCT 60

~~TOP SECRET~~

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DIRECTOR

[REDACTED]

OPS (1-2-3-4)

S/C (5)

EL

TOR: 2258Z 31 OCT 60

Declassified and Released by the NRO

In Accordance with E. O. 12958

on NOV 26 1997

**PRIORITY**

PRIORITY

[REDACTED]

PRITY [REDACTED]

INFO [REDACTED]

NO NITE ACTION

[REDACTED]

MISSION 9012

*This is referring to Project [REDACTED]*

DURING NORMAL CHECKOUT WORK ON THE PAD ON 28 OCTOBER THOR GSE DIFFICULTIES PREVENTED THE ACCOMPLISHMENT OF SCHEDULED THOR WORK. FOLLOWING THE REPAIR OF THE THOR GSE, A MALFUNCTION OF THE THOR AUTOPILOT WAS DETECTED ON 29 OCTOBER. THE DIFFICULTY WAS OF A NATURE WHICH REQUIRED THE REMOVAL OF THE COMPONENT AND RETURN TO THE HANGAR FOR REPAIR. FOLLOWING REPAIR, THE COMPONENT MUST BE SUBJECTED TO ELECTRICAL AND FUNCTIONAL CHECKS PRIOR TO REINSTALLATION INTO THE THOR.

THE AGENA D-TIMER DID NOT CHECK OUT SUCCESSFULLY. IT HAS BEEN DETERMINED, THAT UNDER CERTAIN ABNORMAL CONDITIONS RESULTING FROM TRANSIT VOLTAGES, THE D-TIMER WILL SHUT ITSELF OFF. THIS D-TIMER IS IDENTICAL TO THE TIMER FLOWN IN 1051, MISSION 9011. THIS TYPE OF D-TIMER IS A NEW DESIGN WHICH WAS DEVELOPED AS A RELIABILITY IMPROVEMENT. THE NEW TIMER IS SIGNIFICANTLY SIMPLIFIED WHEN COMPARED

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TO THE D-TIMER PREVIOUSLY EMPLOYED. A NUMBER OF RELAYS, DIODES AND SIMILAR PARTS HAVE BEEN ELIMINATED IN THE NEW D-TIMER WITH THE EXPECTED GOAL OF AN OVERALL IMPROVEMENT IN COMPONENT RELIABILITY. TO ELIMINATE THE PRESENT TROUBLE WITH THE TIMER, THE ITEM HAS BEEN RETURNED TO SUNNYVALE TO UNDERGO THE REDESIGN OF SOME CIRCUITRY AND THE TESTING OF THE REDESIGN WORK.

AS THE RESULT OF THE THOR AND AGENA DIFFICULTIES, CERTAIN CHECKOUT WORK PREVIOUSLY ACCOMPLISHED ON 9012 WILL HAVE TO BE REPEATED. THIS PLACES US IN A R-8 DAY STATUS AS OF 31 OCTOBER 50. THE BEST FORECAST FOR A LAUNCH DATE IS 8 NOVEMBER 50.

END OF MESSAGE.

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