

CLASSIFIED MESSAGE

DATE 1530Z 21 JUL 62

~~TOP SECRET~~

ROUTING	
2	4
3	5
	6

TO : DIRECTOR

FROM : [REDACTED]

ACTION: OPS (1-2-3-4-5)

INFO : S/C (6)

DAK

TOR 1625Z 21 JUL 62

Declassified and released by the NRO

In Accordance with E. O. 12958

on NOV 26 1997

**OPERATIONAL IMMEDIATE**

TO : OPIM [REDACTED]

INFO PRITY [REDACTED]

CITE [REDACTED]

A. 9039

B. 1560 FEET CONSUMED BOTH CAMERAS THRU REV 9DX (INCLUDES 390 FEET USED AT VAFB FOR PREFLIGHT AND STATUS CHECKS)

CONSUMPTION RATES ARE 1 PERCENT LESS THEN ZRR-71 DATA.

C. VEHICLE STATUS IS NORMAL. HOWEVER, ORBITAL PROGRAMMER RESET SYSTEM IS MALFUNCTIONING. RESET IS REQUIRED TO ALIGN TAPE POSITION WITH VEHICLE POSITION OVER A GIVEN LAT. RESET COMMANDS ARE NOT BEING PROPERLY EXECUTED AND AS A RESULTS EVENTS BASED ON TAPE ARE NOT ACCURING AT PROPER PLACES (THIS INCLUDES CAMERA OPERATION). THE PERIOD ADJUST COMMAND IS BEING PROPERLY EXECUTED AND RATE AT WHICH PROGRAMMER RUNS CAN BE CONTROLLED. USING PERIOD ADJUST COMMAND ALONE THE ORBITAL PROGRAMMER CAN BE KEPT IN SYNC WITH EARTH LOCATION, AND EVENTS WILL ACCURE AT CORRECT PLACE OVER EARTH. WILL WORK WELL EXCEPT WHEN MORE THAN ONE PASS ELAPSES BETWEEN GROUND CONTROL. IN THESE CASES WILL BE NECESSARY TO ERRONEOUSLY-SET TIMMER SO WILL BE IN

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SYNC WHEN ACQUIRED AGAIN. EFFECT WILL BE THAT EVENTS MAY BE CONSIDERABLE OUT OF SYNC AT BEGINNING OF SERIES OF PASSES BUT SYNC WILL IMPROVE AS TIME PROGRESSES. IN PROCESS OF EVALUATING EXTENT OF ERROR SIGNAL REQUIRED AND EFFECT ON CAMERA OPERATION. CAN ASSUME ERROR WILL BE WITHIN PAD LIMITS ON PASSES 14, 15, 16, AND 17 (ALL INDIVIDUALLY CONTROLLED).

BECAUSE OF ABOVE SHIFT ONLY PART OF ONE CYCLE REV 9AE OBSERVED. MAIN CAMERAS OPERATING NORMALLY. CLOCK IS WORKING. FRAMING CAMERA NOT OBSERVED BUT FUSE HAS NOT BLOWN.

END OF MESSAGE

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