

CLASSIFIED MESSAGE

~~TOP SECRET~~

ROUTING

1	
2	
3	

Ø14ØZ 4 NOV 59

DIRECTOR

[REDACTED]

OPS (1-2-3-4)

S/C (5)

JHP

TOR: Ø16Z 4 NOV 59

[REDACTED]

Declassified and Released by the NRO

In Accordance with E. O. 12958

on ~~NOV 20 1997~~



PRIORITY

[REDACTED]

[REDACTED]

NO NIGHT ACTION

[REDACTED]

1. AFTER MUCH DISCUSSION HAVE AUTHORIZED USE OF OLD OPERATIONAL PROGRAM FOR LAUNCH ON 6-7 NOV (REF [REDACTED]). DECISION MADE NOT TO USE NEW TAPE FOR FOLLOWING REASONS:

a. TO USE NEW TAPE WOULD REQUIRE RECYCLING TO LAUNCH MINUS 3 DAYS SINCE ACTUAL FLIGHT TAPE MUST BE USED IN PAD SYSTEM RUN (SYSTEMS CHECK OF ENTIRE VEHICLE).

b. TO USE NEW TAPE WITHOUT SYSTEMS CHECK ABOVE COULD JEOPARDISE ENTIRE FLIGHT. PROGRAM TAPE CONTROLS FOLLOWING IN ADDITION TO CAMERA ON-OFF POINTS.

1. TELEMETRY AND ACQUISITION BEACON ON AND OFF POINTS.
2. RESET POINT WHICH BRINGS TAPE INTO TIME AND POSITION ALIGNMENT WITH ACTUAL VEHICLE POSITION IN ORBIT.
3. TURNS ON ATTITUDE CYROS WHICH INDICATE VEHICLE ATTITUDE AT SEPARATION.
4. STARTS EDT TIMER WHICH IN TURN CONTROLS SEPARATION SEQUENCE.

~~TOP SECRET~~

[REDACTED]

5. DURING EXHY ACHIEVES A NOMINAL 20 SEC DELAY IN 2ND STAGE ENGINE IGNITION SEQUENCE IN EVENT NO GROUND COMMANDS ARE RECEIVED. THIS IS ITEM CONSIDERED MOST CRITICAL SINCE ONLY CHECK OF THIS IS AT PAD SYSTEM RUM. TAPE OUT OF TOLERANCE HERE COULD CAUSE FAILURE TO ORBIT OR PRODUCE ORBIT DIFFERENT FROM DESIRED.

2. IF 9004 FAILS TO LAUNCH BY SATURDAY, 7 NOV, A TIME INSPECTION WILL BE REQUIRED ON ENGINES. THIS WILL NECESSITATE A 5 DAY DELAY. IN EVENT THIS HAPPENS HAVE TOLD LMSD WE WILL WANT NEW TAPE EVEN IF REQUIRES A RECYCLE TO LAUNCH MINUS 6 DAYS.

3. FOLLOWING IS A PROGRAM RECOMMENDED IN EVENT OF ACTION IN PARA 2. RECOMMEND THIS PROGRAM COULD BE USED THRU 3 DEC.

PASS	ON	OFF	MINIMUM SUN ALTITUDE	
			10 NOV	3 DEC
3	57	55	13	08
4	54	46	15	11
5	53	40	16	12
6	57	28	13	08
7	58	43	12	07
8	59	39	11	06
9	55	42	14	10

NOTE: 1. PASS 2 WOULD BE ENGINEERING PASS FROM APPROX 65 TO 62N. NOT CONSIDERED OPERATIONAL SINCE SUN ALTITUDE APPROX 3 DEGREES.

2. LAUNCH LIMITS 1900Z TO 2200Z.

3. APPROXIAL REQUEST APPROVAL OR CHANGES TO ABOVE PROGRAM

ASAP.