

SECRET

(When Filled In)

FILE INFO

REPRODUCTION PROHIBITED

24 NOV 70 06 10z

ACTION	1	6	11	16
	2	7	12	17
	3	8	13	18
	4	9	14	19
	5	10	15	20

~~TOP SECRET~~ 240141Z NOV 70 CITE

IMMEDIATE INFO PRIORITY

1110-1

B. TELEMETRY DATA INDICATES A DISCREPANCY BETWEEN THE "CYCLE COUNT" (CC) MONITOR AND THE "FILM FOOTAGE POTENTIOMETER" (FFP)

MONITOR FOR THE FORWARD LOOKING CAMERA. FOLLOWING THE REV 79

OPERATE THE CC MONITOR SHOWED 2475 FRAMES

FFP INDICATED THAT ACTUAL TAKE-UP DEAR

(NOMINALLY 2700 FRAMES), A DIFFERENCE OF 225 FRAMES.

C. AT THIS TIME THERE IS NO EXPLANATION FOR THIS DISCREPANCY.

POSSIBLE CAUSES ARE INCORRECT TELEMETRY, LOOSE FILM WRAP ON THE TAKE-UP, NON-UNIFORM (LUMPY) FILM WRAP, OR ERROR IN THE FFP.

EVALUATION WILL CONTINUE WITH A POSSIBLE SOLUTION WHEN THE BUCKET FILM IS EXAMINED FOLLOWING RECOVERY.

D. THE FFP CONTROLS TAKE-UP CAPABILITY AND THE MAXIMUM TAKE-UP DIAMETER ALLOWABLE IS 19.75 INCHES (APPROXIMATELY 3125 FRAMES).

ABOVE THIS DIAMETER THERE IS A POTENTIAL TO JAM THE SYSTEM CAUSING A CAMERA SYSTEM FAILURE. WE THEREFORE PLAN TO PUT A MAXIMUM OF 425 MORE FRAMES (AS OF REV 82) ON THE FORWARD-LOOKING CAMERA PRIOR TO THE CUT-AND-WRAP OPERATION.

Declassified and Released by the NRO

In Accordance with E. O. 12958

NOV 28 1997

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PAGE 2 [REDACTED] T-O-P-S-E-C-R-E-T

E. RECOMMEND [REDACTED] PLAN ONLY 425 MORE FRAMES (2500 MAX.) FOR 1112-1.

THIS WILL LEAVE APPROXIMATELY 3240 FRAMES TO BE WRAPPED IN THE

SECOND BUCKET WHICH IS MORE THAN NOMINAL BUT WITHIN THE SYSTEM

CAPABILITIES. HOWEVER, THE LAST 100 FRAMES OF THE MISSION WILL

HAVE SOME SMALL RISK AS THE SPOOLS REACH MAX. CAPACITY. IF [REDACTED]

DESIRES, 100 EXTRA CYCLES MAY BE TAKEN ON THE AFT-LOOKING CAMERA

THE (A) BUCKET. THEN THE RISK IS ONLY TO THE [REDACTED]

THE FORWARD-LOOKING CAMERA [REDACTED]

BT

100

200