

~~SECRET~~
(When Filled In)



FILE INFO

REPRODUCTION PROHIBITED

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

~~TOP SECRET~~ 222138Z DEC 58 CITE [REDACTED]

PRIORITY [REDACTED] INFO [REDACTED]

A. 1249-1

B. NORMAL

C. (1) CAMERA NUMBER 224 WAS OPERATIONAL THROUGHOUT THE MISSION. THE MATERIAL WAS CUT IN FRAME 67 OF PASS D090.

(2) CAMERA NUMBER 225 WAS OPERATIONAL THROUGHOUT THE MISSION. THE MATERIAL WAS CUT IN FRAME 55 OF PASS D090.

(3) UNIT NUMBER D123, RESEAU NUMBER 162 WAS OPERATIONAL THROUGH FRAME 459. THE RESEAU IS SHARP AND WELL DEFINED THROUGHOUT. APPROXIMATELY 28 ELONGATED STELLAR IMAGES ARE DETECTABLE ON MOST FRAMES.

(4) UNIT D123, RESEAU NUMBER 157 WAS OPERATIONAL THROUGHOUT THE MISSION. THE INDEX CAMERA OPERATION CORRELATES WITH THE STELLAR OPERATION. FRAME 001 DID NOT EXPOSE. THE RESEAU IS SHARP AND WELL DEFINED.

D. (1) THE IMAGERY OBTAINED BY THE FWD-LOOKING CAMERA IS GENERALLY SOFT (UNSHARP) AND HAS AN OUT OF FOCUS APPEARANCE,

Declassified and Released by the NRO

In Accordance with E. O. 12958

on NOV 26 1997

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PAGE 2 ~~TOP SECRET~~

WITH THE BINARY EDGE BEING OF SLIGHTLY POORER QUALITY THAN THE REMAINDER OF THE FORMAT. IN ADDITION, THE IMAGERY HAS A GRAINY APPEARANCE. THE IMAGERY ACQUIRED AFTER PASS 69D IS COMPARABLE TO THAT PRIOR TO PASS 69D. THE BEST QUALITY OF THIS MISSION IS FAIR. A MIP OF 80 IS ASSIGNED.

(2) THE AFT-LOOKING CAMERA IMAGERY IS COMPARABLE TO THE FORWARD; HOWEVER, UNLIKE THE FORWARD CAMERA THE FREQUENCY MARK EDGE IS OF DECIDED POORER QUALITY.

(3) GOOD.

(4) GOOD.

F. (1) THE BINARY APPEARED TO BE PROPERLY IMAGED AND RECORDED THROUGHOUT THE MISSION.

(2) SAME AS THE FWD LOOKING CAMERA.

(3) NOT APPLICABLE

(4) NOT APPLICABLE

G. (1) A. NOT APPLICABLE

B. NOT APPLICABLE

(2) A. NOT APPLICABLE

B. NOT APPLICABLE

H. (1) THE TIME TRACK IS NORMAL FOR THIS TYPE OF MISSION.

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	2	7	12	17
	3	8	13	18
	4	9	14	19
	5	10	15	20

PAGE 3



~~TOP SECRET~~

(2) SAME AS FWD-LOOKING CAMERA.

4. (1) A. THE CAMERA WAS OPERATIONAL THROUGHOUT THE MISSION AND PROVIDES GOOD HORIZON IMAGES.

B. SAME AS FOR THE STARBOARD HORIZON CAMERA.

(2) A. SAME AS FWD LOOKING CAMERA.

B. OPERATIONAL THROUGHOUT THE MISSION. THE HORIZON IMAGE IS VEILED ON THE FIRST HALF OF THE MISSION. HOWEVER, THE VEILING IMPROVES SLIGHTLY TOWARD THE END OF THE MISSION.

I. (1) FOG PATTERNS ARE PRESENT ON THE FIFTH, NEXT TO LAST AND FIFTH FROM LAST FRAME ON MOST PASSES. THE DENSITY OF THESE PATTERNS IS SLIGHTLY HEAVIER THAN THAT RECENTLY EXPERIENCED ON THIS TYPE MISSION.

(2) FOG PATTERNS ARE PRESENT ON THE SECOND TO LAST AND NEXT TO LAST FRAMES OF MOST PASSES. THE DENSITY IS SLIGHTLY HEAVIER THAN THAT RECENTLY EXPERIENCED ON THIS TYPE MISSION.

(3) NONE NOTED.

(4) NONE NOTED.

5. (1) DENDRITIC STATIC INTERMITTENTLY IS PRESENT ALONG BOTH EDGES OF THE FILM.

(2) SAME AS REPORTED FOR THE FWD-LOOKING CAMERA.

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	3		8		13		18
	4		9		14		19
	5		10		15		20

PAGE 4 [REDACTED] ~~TOP SECRET~~

(3) DENDRITIC STATIC IS INTERMITTENTLY PRESENT THROUGHOUT THE MISSION.

(4) NONE NOTED.

K. (1) A. MINUS DENSITY BANDS, VARYING IN WIDTH AND CONFIGURATION, ARE PRESENT AT RANDOM THROUGHOUT THE MISSION. THEY ARE MOST NOTICEABLE IN AREAS OF THIN DENSITY. (EXAMPLE: PASS A209F). NO PATTERN OF FREQUENCY IS APPARENT, HOWEVER, THE CONFIGURATIONS REPEAT THEMSELVES. DEGRADATION TO THE IMAGERY IS MINOR. MINOR BANDING IS PRESENT AT THE TAKE-UP END OF SOME FRAMES.

B. RAIL SCRATCHES ARE PRESENT THROUGHOUT THE MISSION. MANUFACTURING SPLICES ARE LOCATED WITHIN FRAME 5 OF PASS D03E AND FRAME 9 OF PASS D06E.

(2) A. SAME AS REPORTED FOR THE FWD-LOOKING CAMERA. (EXAMPLE; PASS A209F).

B. RAIL SCRATCHES ARE PRESENT THROUGHOUT THE MISSION. MANUFACTURING SPLICES ARE LOCATED WITHIN FRAME 30 OF PASS D03E AND FRAME 6 OF PASS D07E.

(3) A. NONE NOTED.

B. INTERMITTENT EMULSION SCRATCHES ARE PRESENT

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PAGE 9 [REDACTED] ~~TOP SECRET~~

THROUGHOUT THE MISSION.

- (4) A. NONE NOTED.
B. NONE NOTED.
- L. (1) 5 PERCENT THIN, 35 PERCENT MEDIUM, 60 PERCENT HEAVY.
(2) 5 PERCENT THIN, 35 PERCENT MEDIUM, 60 PERCENT HEAVY.
(3) MEDIUM AND ADEQUATE FOR DETECTION OF STELLAR IMAGES.
(4) GENERALLY MEDIUM.
- M. (1) 10 PERCENT LOW, 40 PERCENT MEDIUM, 50 PERCENT HIGH.
(2) 10 PERCENT LOW, 40 PERCENT MEDIUM, 50 PERCENT HIGH.
(3) ADEQUATE FOR THE DETECTION OF STELLAR IMAGES.
(4) GENERALLY MEDIUM
- N. (1) DUAL GAMMA VISCOUS PROCESSING IN THE YARDLEIGH 5.
(2) DUAL GAMMA VISCOUS PROCESSING IN THE YARDLEIGH 5.
(3) SINGLE STAGE IN TRENTON.
(4) SINGLE STAGE IN DRAPE.
- O. (1) 2983/3292
(2) 2976/3260
(3) 459/52
(4) 459/112
- P. NONE
- Q. 1630/20 DECEMBER 1968 LOCAL.

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BT