

DATE

2 MAR 1967

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TO

FROM

ACTION

INFO

Declassified and Released by the N R O

In Accordance with E. O. 12958

on NOV 26 1997

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TO

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A. 1039-1

B. APPARENTLY NORMAL.

C. (1) OPERATIONAL THROUGHOUT. THE MATERIAL WAS CUT IN PASS D79 FRAME 47. CAMERA NUMBER 206.

(2) OPERATIONAL THROUGHOUT. THE MATERIAL WAS CUT IN PASS D79 FRAME 44. CAMERA NUMBER 207.

D. (1) OPERATIONAL THROUGHOUT. THE DIGIT TWO OF THE CAMERA NUMBER 206 WAS UNREADABLE. THE BINARY INDEX LAMP WAS BLOOMED.

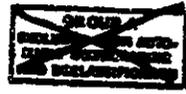
(2) OPERATIONAL THROUGHOUT. THE NUMBER TWO OF THE CAMERA NUMBER 207 WAS UNREADABLE. THE BINARY INDEX LAMP WAS BLOOMED.

E. (1) OPERATIONAL THROUGHOUT.

(2) THE TIMING PIPS WERE MISSING ON THE FIRST 2 TO 5 INCHES OF THE FIRST FRAME OF A FEW PASSES.

(CONTINUED)

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[REDACTED]

F. (1) NONE NOTED.

(2) NONE NOTED.

G. (1) OPERATIONAL THROUGHOUT. VEILING OF THE STARBOARD LOOKING HORIZON CAMERA WAS NOTED BEGINNING ON PASS D05 AND CONTINUES THROUGH THE REMAINDER OF THE MISSION.

(2) OPERATIONAL THROUGHOUT. VEILING OF THE STARBOARD LOOKING HORIZON CAMERA WAS NOTED BEGINNING ON PASS D02 AND CONTINUES THROUGH THE REMAINDER OF THE MISSION.

H. OPERATIONAL THROUGHOUT THE MISSION. UNIT NUMBER D103/131/132. SMALL STATIC INDUCED FOG PATTERNS APPROXIMATELY 1 1/2 INCHES APART, IN THE CENTER OF THE MATERIAL, ARE PRESENT ON THE FIRST 29 FRAMES. OTHER STATIC INDUCED FOG IS PRESENT ALONG THE EDGE OPPOSITE THE CORRELATION LAMP INTERMITTENTLY THROUGHOUT THE MISSION. THESE FOG PATTERNS ARE MINOR AND DO NOT AFFECT THE IMAGERY. APPROXIMATELY 50 PERCENT OF EACH FRAME IS AFFECTED BY FLARE. HOWEVER, STELLAR IMAGES CAN BE DETECTED IN THE FLARE AREA. 15 TO 20 STELLAR IMAGES CAN BE DETECTED IN EACH EXPOSURE GENERALLY THEY APPEAR AS POINT TYPE IMAGES. THE LAST 10 FRAMES ARE DEGRADED BY THE USUAL SCRATCHES, EMULSION CRACKS, AND PINHOLES ASSOCIATED WITH FILM DEPLETION.

I. OPERATIONAL THROUGHOUT. UNIT NUMBER D103/131/132. NO DEGRADATIONS OBSERVED. THE IMAGERY IS GOOD AND COMPARABLE TO THAT OBTAINED FROM RECENT MISSIONS OF THIS SYSTEM.

J. (1) THERE IS FOG PRESENT ON THE FIFTH, FIFTH FROM LAST, AND SECOND TO LAST FRAMES OF SOME CAMERA OPERATIONS. THE DENSITY OF THESE FOG PATTERNS VARIES WITH THE DURATION OF CAMERA OFF PERIODS.

(2) THERE IS FOG PRESENT ON THE FIRST, THIRD FROM LAST, AND SECOND FROM LAST FRAMES OF SOME CAMERA OPERATIONS. THE DENSITY OF THESE

(CONTINUED)

FOG PATTERNS VARIES WITH THE DURATION OF CAMERA OFF PERIODS.

(3) NONE NOTED.

(4) NONE NOTED.

K. (1) MINOR DENDRITIC FOG, RESULTING FROM STATIC DISCHARGES, IS PRESENT INTERMITTENTLY ALONG THE CAMERA NUMBER EDGE BEGINNING ON PASS D79 AND CONTINUING THROUGH THE END OF THE MISSION. THESE FOG PATTERNS ARE GENERALLY MINOR AND ARE CONFINED TO THE BORDER AREAS.

(2) NONE NOTED.

(3) SEE STELLAR CAMERA OPERATION, PARAGRAPH H.

L. (1) THIN 5 PERCENT MEDIUM 45 PERCENT HEAVY 50 PERCENT.

(2) THIN 5 PERCENT MEDIUM 45 PERCENT HEAVY 50 PERCENT.

(3) ADEQUATE FOR THE DETECTION OF STELLAR IMAGES.

(4) THIN 10 PERCENT MEDIUM 60 PERCENT HEAVY 30 PERCENT.

M. (1) LOW 25 MEDIUM 60 HIGH 15

(2) LOW 25 MEDIUM 60 HIGH 15

(3) ADEQUATE FOR THE DETECTION OF STELLAR IMAGES.

(4) LOW 30 MEDIUM 65 HEAVY 5

N. (1) GOOD. COMPARABLE TO THAT OF RECENT MISSIONS.

(2) GOOD. COMPARABLE TO MISSION 1037. SLIGHTLY BETTER THAN THE FORWARD. MIP 85.

(3) GOOD. COMPARABLE TO THAT ATTAINED FROM RECENT MISSIONS OF THIS SYSTEM.

O. (1) RAIL SCRATCHES ARE CONTINUOUS ALONG BOTH FILM EDGES THROUGHOUT THE MISSION. SMALL FOG PATTERNS APPARENTLY CAUSED BY FILM CRIMPING ARE PRESENT IN THE BORDER AREA, ON THE CAMERA NUMBER EDGE OF THE MATERIAL, INTERMITTENTLY THROUGHOUT THE MISSION. A VERY SLIGHT BASE RUB IS APPARENT THROUGHOUT THE FORWARD CAMERA RECORD. IT

(CONTINUED)

APPEARS AS A VERY SUBTLE MINUS DENSITY LINE PARALLEL TO THE MAJOR AXIS OF THE FILM ABOUT 3/4 OF AN INCH FROM THE CAMERA NUMBER EDGE. THE FORMAT EDGE AT THE TAKE UP END OF EACH FRAME BECOMES SLIGHTLY RAGGED ABOUT HALF WAY THROUGH THE MISSION. A MANUFACTURING SPLICE IS PRESENT IN PASS D22 FRAME 190, AND PASS D54 FRAME 31.

(2) RAIL SCRATCHES ARE CONTINUOUS ALONG BOTH FILM EDGES THROUGHOUT THE MISSION. THE FORMAT EDGE NEAREST THE CAMERA NUMBER IS SLIGHTLY RAGGED BEGINNING ABOUT HALF WAY THROUGH THE MISSION AND CONTINUING THROUGH THE END OF THE MISSION. A MANUFACTURING SPLICE IS PRESENT ON PASS D27 FRAME 7 AND PASS D64 FRAME 25.

(3) GOOD

(4) GOOD

(5) GOOD

- P. (1) A. 8027 FEET C. 61 FEET STELLAR
- B. 7966 FEET D. 112 FEET INDEX
- (2) A. 2933 FRAMES C. STELLAR 457
- B. 2895 FRAMES D. INDEX 457

G. 2333 EST 1 MARCH 1967

R. REMARKS:

(1) THE PERCENTAGE OF FILM PROCESSED AT EACH LEVEL OF DEVELOPMENT WAS:

	PRIMARY	INTERMEDIATE	FULL
FWD	9 PERCENT	19 PERCENT	72 PERCENT
AFT	6 PERCENT	23 PERCENT	66 PERCENT

(2) THE END OF PASS MARKER WAS MISSING ON THE ENTIRE FORWARD CAMERA RECORD.

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