

DATE

APR 1967

~~TOP SECRET~~

1	9
2	10
3	11
4	12
5	13
6	14
7	15
8	16

TO :

FROM : Declassified and Released by the NRO

ACTION: In Accordance with E. O. 12958

INFO : on NOV 26 1997

TO

INFO

CITE

~~TOP SECRET~~ 062139Z CITE [REDACTED]

PRIORITY [REDACTED] INFO PRIORITY [REDACTED]

A. 1040-1

B. APPARENTLY NORMAL.

C. 1. OPERATIONAL THROUGHOUT. THE CUT WAS MADE IN PASS D71 FRAME ; CAMERA NUMBER 196 (AFT LOOKING CAMERA).

2. OPERATIONAL THROUGHOUT. THE CUT WAS MADE IN PASS D71 FRAME CAMERA NUMBER 197 (FWD LOOKING CAMERA).

D. 1. OPERATIONAL THROUGHOUT.

2. OPERATIONAL THROUGHOUT.

E. 1. OPERATIONAL THROUGHOUT.

2. OPERATIONAL THROUGHOUT.

F. 1. NONE NOTED.

2. NONE NOTED.

G. 1. OPERATIONAL THROUGHOUT, NO VEILING NOTED.

2. OPERATIONAL THROUGHOUT, NO VEILING NOTED.

~~TOP SECRET~~

GROUP 1  
EXCLUDED FROM AUTOMATIC  
DOWNGRADING AND  
DECLASSIFICATION

REPRODUCTION BY OTHER THAN THE ISSUING OFFICE IS PROHIBITED. COPY NO.

- H. OPERATIONAL THROUGHOUT. UNIT NUMBER D78,  
GRID 96. THE FLARE LEVEL IS LESS DENSE THAN NORMAL DURING THE  
WHOLE MISSION. APPROXIMATELY 30 PERCENT OF THE GRID IS NOT  
DETECTABLE ON EVERY FRAME. THERE ARE 20 OR MORE STELLAR IMAGES  
ON EACH FRAME AND GENERALLY APPEAR AS POINT IMAGES. EDGE FOG IS  
PRESENT ALONG BOTH EDGES THROUGHOUT.
- I. OPERATIONAL THROUGHOUT. UNIT NUMBER D78, GRID 55. NEWTON RINGS  
ARE VISIBLE OVER AREAS OF LOW CONTRAST. SEVERAL MINUS DENSITY  
SPOTS ARE PRESENT ON ALL FRAMES. (POSSIBLY DIRT ON THE GRID.)
- J. 1. MINOR FOG IS PRESENT ON THE FIFTH FRAME AND NEXT TO LAST  
FRAME OF MOST PASSES. THE FOG DENSITY IS COMMENSURATE WITH  
THE CAMERA OFF PERIODS.
2. MINOR FOG IS PRESENT ON THE FIRST FRAME AND THIRD FROM LAST  
FRAME OF MOST PASSES. THE FOG DENSITY IS COMMENSURATE WITH  
THE CAMERA OFF PERIODS.
3. NONE NOTED.
4. NONE NOTED.
- K. 1. FRAMES 69, 70 AND 72 OF PASS D53 ARE FOGGED BY STATIC DURING  
PRESPLICE.
2. NONE NOTED.
3. NONE NOTED.
4. NONE NOTED.
- L. 1. THIN 10 PERCENT, MEDIUM 60 PERCENT, HEAVY 30 PERCENT.
2. THIN 10 PERCENT, MEDIUM 52 PERCENT, HEAVY 40 PERCENT.
3. ADEQUATE TO DETECT STELLAR IMAGES.
4. THIN 5 PERCENT, MEDIUM 70 PERCENT, HEAVY 25 PERCENT.

- M. 1. LOW 20 PERCENT, MEDIUM 65 PERCENT, HIGH 15 PERCENT.
- 2. LOW 25 PERCENT, MEDIUM 60 PERCENT, HIGH 15 PERCENT.
- 3. ADEQUATE TO DETECT STELLAR IMAGES.
- 4. LOW 10 PERCENT, MEDIUM 80 PERCENT, HIGH 10 PERCENT.
- N. 1. COMPARABLE TO THE AFT.
- 2. GOOD. COMPARABLE TO 1039. SLIGHTLY BETTER THAN THE FWD.  
NIP 85.
- 3. GOOD. THERE IS SOME FALLOUT IN THE QUALITY IN THE  
CORNERS OF THE FORMAT.
- O. 1. MINOR RAIL SCRATCHES ARE PRESENT ALONG BOTH EDGES. MINUS  
DENSITY STREAKS UP TO ONE QUARTER INCH WIDE OCCUR  
FREQUENTLY AND INTERMITTENTLY THROUGHOUT THE MISSION. THE  
STREAKS APPEAR TO FOLLOW THE PATH OF THE FIELD FLATTENER. A  
MANUFACTURING SPLICE IS PRESENT ON FRAME 16 OF PASS D45.
- 2. MINOR RAIL SCRATCHES ARE PRESENT ALONG BOTH EDGES. SIMILAR  
MINUS DENSITY STREAKS AS DESCRIBED ON THE MASTER FILM ARE  
PRESENT ON THE SLAVE MATERIAL. A REGULAR SPACED IMPRESSION,  
LOCATED THREE FOURTHS INCH FROM THE BINARY EDGE AND SIX AND ONE  
QUARTER INCHES APART, IS PRESENT THROUGHOUT THE MISSION.  
THE IMPRESSION ORIGINATES FROM THE BASE CAUSING A MINUS DENSITY  
SPOT AND AT TIMES IS SEVERE ENOUGH TO CRACK THE EMULSION. A  
PROCESSING CUT WAS MADE AT 5200 FT. AND A SCRATCH CHECK WAS  
RUN. IT WAS DETERMINED THAT THE IMPRESSION WAS CAUSED PRIOR  
TO PROCESSING. A MANUFACTURING SPLICE IS PRESENT ON FRAME 71  
OF PASS D38.
- 3. GOOD.
- 4. GOOD.
- 5. GOOD.

- P. 1. A. 7650 FT.
- B. 7780 FT.
- C. STELLAR 55 FT.
- D. INDEX 114 FT.
- 2. A. 2734 FRAMES
- B. 2780 FRAMES
- C. STELLAR, 439 FRAMES
- D. INDEX, 439 FRAMES

G. 06 APRIL 1967, 1700Z

H. REMARKS:

THE PERCENTAGE OF FILM PROCESSED AT EACH LEVEL WAS:

	PRIMARY	INTERMEDIATE	FULL
FWD	13	25	62
AFT	10	44	46

~~TOP SECRET~~

TOR: 062254Z APR 67