Approved For Release 2007/03/14 : CIA-RDP78B04549A000300020029-2

PRIORITY

OUT64574

SECRET

1968 MAR 13 04 01Z

P 130344Z MAR 68
FM NPIC WASHDC
TO DIA
BT
S E C R E T. CITE NPIC 3228.
[redacted] 25X1
REF: S-0134-XX-2, 23 FEBRUARY 1968
SUBJ: EVALUATION OF MISSION BU 000643 FLOWN 28 DECEMBER 1967.
1. THIS MISSION EMPLOYED CAMERA UNIT NUMBER 47 FLOWN IN VEHICLE NUMBER 4-22. PROCESSING WAS ACCOMPLISHED BY THE [redacted] 25X1
[redacted]

2. ORIGINAL NEGATIVE:

A. EXPOSURE/RESOLUTION: THE DENSITY AT THE BEGINNING OF THE MISSION IS MEDIUM; HOWEVER, AS THE MISSION PROGRESSES THE DENSITY BECOMES THINNER. SIMILARLY, THE RESOLUTION WHICH IS FAIR AT THE BEGINNING OF THE MISSION BECOMES POOR LATER IN THE MISSION. VEILING OF THE IMAGERY IN THE LATER PORTIONS OF THE MISSIONS SEEM TO INDICATE THAT CONDENSATION, ICE, OR OTHER FOREIGN MATTER HAS DEVELOPED ON ONE OR MORE OF THE OPTICAL SURFACES. THE DEGRADATION IS NOT CONSISTENT WITH THAT OF OTHER MISSIONS IN THAT THERE IS A GRADUAL LOSS OF RESOLUTION ACROSS THE ENTIRE FORMATS RATHER THAN A LOSS BEGINNING AT ONE END OF A FRAME AND SLOWLY SPREADING ACROSS THE FRAME.

B. CAMERA OPERATION: BANDING DEGRADES THE FIRST THREE INCHES OF SCAN IN BOTH DIRECTIONS OF SHUTTER MOVEMENT. THE BANDING IS GENERALLY MORE SEVERE WHERE THE SHUTTER MOVED FROM THE TAIL END TO THE HEAD END OF A GIVEN FRAME.

C. OTHER DEGRADATIONS: NUMEROUS PINHOLES AND EMULSION LIFTS ARE PRESENT THROUGHOUT THE MISSION. SEVERAL MINUS DENSITY STREAKS ARE PRESENT ALONG THE MAJOR AXIS OF THE FILM. THESE ARE ASSOCIATED WITH DIRT IN THE SLIT. THERE IS A WAVERING PLUS DENSITY STREAK PRESENT INTERMITTENTLY THROUGHOUT THE MISSION. THERE IS A CAMERA OFF/ON BETWEEN FRAMES 1168/1169.

D. THE LAST TITLED FRAME IS 1807.

3. DUPLICATE POSITIVES:

A. THERE IS A MINUS DENSITY BAND APPROXIMATELY 1.5 INCHES WIDE ALONG THE MAJOR AXIS LOCATED 2.5 INCHES FROM THE DATA BLOCK EDGE ON PARTS 1, 5, 6, AND 7. THE SAME TYPE STREAK IS PRESENT ON PART 2 ONLY IT IS 2.5 INCHES FROM TITLED EDGE. A PRINTING OR PROCESSING LEVEL WAS DECREASED BETWEEN FRAMES 98/99.

B. PI SUITABILITY RANGED FROM FAIR, AT THE BEGINNING OF THE MISSION, TO POOR AT THE END.

C. CLOUDS OBSCURE OR DEGRADE APPROXIMATELY 50 PERCENT OF THE ENTIRE MISSION.

GP-1

S E C R E T

END OF MESSAGE

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