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17 MAY 1966

SUBJ: EVALUATION OF MISSION C116C

1. MISSION C116C WAS FLOWN ON 5 MAY 1966 UTILIZING CAMERA NUMBER B-8. PROCESSING WAS ACCOMPLISHED IN THE FIELD.

2. ORIGINAL NEGATIVE:

A. THE EXPOSURE WAS ADEQUATE AND THE RESOLUTION IS GOOD. HOWEVER, THE MAJORITY OF THE MISSION IS AFFECTED BY HAZE, CAUSING THE APPARENT RESOLUTION IN THESE AREAS TO BE ONLY FAIR.

B. 9R SIDE: A WAVERING PLUS DENSITY STREAK IS LOCATED WITHIN 1.0" OF THE INBOARD EDGE OF THE FILM THROUGHOUT. BOTH EDGES CONTAIN PRESSURE ROLLER STATIC (ROLLER CHATTER) INTERMITTENTLY THROUGHOUT. THE VERTICAL DOT INDICATOR IS BLOOMED AT EACH OCCURRENCE. HEAT SPLICES ARE MADE BETWEEN FRAMES 267/268 AND 654/655. A MANUFACTURER'S SPLICE OCCURS IN FRAME 953 WITH ASSOCIATED FOG PRESENT ON FRAMES 953/954 AND EMULSION LIFTS ON FRAMES 952 AND 954. THE LAST FRAME CONTAINS 2 PLUS DENSITY STREKAS PERPENDICULAR TO THE FILM EDGES. THESE ARE USUALLY PRESENT AT CAMERA OFF POSITIONS.

C. 9L SIDE: THE FIRST 9 FRAMES CONTAIN 2 WAVERING PLUS DENSITY STREAKS. ONE OF THE ABOVE STREAKS OCCURS INTERMITTENTLY TO THE END OF THE MISSION. THEY REMAIN WITHIN 2.0" OF THE INBOARD EDGE OF THE FILM. NUMEROUS

DISTRIBUTION		
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Approved
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SECRET

GROUP 1
Excluded from automatic
downgrading and
declassification

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SHORT, FINE SCRATCHES ARE PRESENT ON THE FIRST 124 FRAMES. A SCRATCH 1.66" FROM AND PARALLEL TO THE INBOARD EDGE OF THE FILM IS PRESENT ON FRAMES 19 THRU 83. A 3.0" WIDE PROCESSING STAIN IS PRESENT EDGE TO EDGE ON FRAME 15. A CIRCULAR FOG PATCH, THE SIZE OF THE VERTICAL DOT INDICATOR, IS BISECTED BY THE FORMAT EDGE OF FRAME 164 (1L POSITION). THIS IS LOCATED 1.7" FROM THE SUPPLY END OF THE FRAME. A SEMI-CIRCULAR FOGGING, APPROXIMATELY 1.0" IN DIAMETER, EMANATES FROM THE FOG PATCH AND INTO THE FORMAT AREA. A FINGER-LIKE FOG PATTERN, APPROXIMATELY 1.0" WIDE AND 2.0" LONG, OCCURS ON FRAME 205. IT IS LOCATED ADJACENT TO THE VERTICAL DOT INDICATOR BUT FROM THE FORMAT EDGE INTO THE FORMAT. THERE IS A SMALL, DISTINCT OBSTRUCTION IN THIS FOG PATTERN AT THE FORMAT EDGE POSSIBLY CAUSED BY THE VERTICAL DOT LAMP HOUSING. A MANUFACTURER'S SPLICE AND THE USUAL PLUS AND MINUS DENSITY TRACES OCCUR IN FRAME 173 WITH FOG MARKS FROM THIS SPLICE LOCATED IN FRAME 175. HEAT SPLICES ARE MADE BETWEEN FRAMES 262/263 AND 663/664.

D. BOTH SIDES: A FEW FRAMES ARE GROSSLY STREAKED ABOUT THE ROLL AXIS (EXAMPLE: FRAME 773). FRAMES ARE TITLED CONSECUTIVELY FROM 0001 THRU 1024.

E. THERE WERE NO MAJOR CAMERA MALFUNCTIONS OR PROCESSING PROBLEMS ENCOUNTERED DURING THE MISSION.

3. POSITIVE:

A. PI SUITABILITY IS GOOD WHERE NOT DEGRADED BY

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ATMOSPHERICS.

B. PRINTING AND PROCESSING WERE GOOD.

C. CLOUDS OBSCURED APPROXIMATELY 40 PERCENT OF THE
MISSION.

S E C R E T

-END OF MESSAGE-