

~~SECRET~~

PRIORITY

1969 APR 17 15 50Z

out 67473

P 171522Z APR 69
FM NPIC WASH D C
TO RUEOJFA/DIA
RUEFHQA/USAF
BT

~~SECRET~~ CITE NPIC 6111.
USAF FOR AFIGOS

REF: DIAXX-2 6164 APRIL 69

SUBJ: GIANT DRAGON MSN EVALUATIONS

1. IMAGE QUALITY: THE IMAGERY PROVIDED BY BOTH CAMERAS HAS A GENERAL OUT-OF-FOCUS APPEARANCE AND IS NOT COMPARABLE TO THE GOOD QUALITY WHICH THIS SYSTEM CAN PROVIDE. ADVERSE WEATHER CONDITIONS, REPORTED HEAVY TURBULENCE, AND NUMEROUS VEHICLE MANUEVERS PREVENTED THE DETECTION OF SPECIFIC IMAGE QUALITY TRENDS. THE BEST GROUND RESOLUTION PROVIDED BY THIS MISSION, HOWEVER, IS EQUIVALENT TO THE BEST FROM MISSION T090 (GROUND RESOLUTION FEET). THE AVERAGE GROUND RESOLUTION OF THIS MISSION IS ESTIMATED TO BE [REDACTED] AS COMPARED TO FIVE FEET FOR MISSION T090. SMEAR IS APPARENT ON BOTH CAMERA RECORDS INTERMITTENTLY THROUGHOUT THE MISSION. FEWER INSTANCES OF DOUBLE IMAGES ARE DETECTABLE ON

MISSION	25X1
ESTIMATED OFFICE	PI
FILE	/
IMAGE CABLE SEC	25X1
PP&B/RD	
SECUR.	
3,4 TSSG/APSD	✓
PSG/OC	
AID	
YEG	
PROI	
SCLEN	
WEST	
EAST	
M&S	
PCM	
IAS	
DIA-XX4	
SPAD	
DIA-AP	
CMX	25X1

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THE SLAVE CAMERA IMAGERY OF THIS MISSION THAN THAT OF MISSION T090. CLOUD COVER AND HAZE OBSCURE APPROXIMATELY 15 PERCENT OF THE MISSION.

2. MISSION DATA:

- A. MISSION NUMBER: T092
B. DATE: 22 MARCH 1969
C. CAMERA NUMBERS:

(1) MASTER: I11

(2) SLAVE: UNREADABLE, THE IMAGE IS BLOOMED.

D. FLIGHT TIMES: T/OFF 0018Z C/ON 0041Z

E. FILM: 3404

F. EXPOSURE: 1/225

G. APERTURE: F3.5

H. FILTER: MINUS BLUE

I. PROCESSED BY: NOT AVAILABLE

J. AVERAGE GAMMAS: NOT AVAILABLE

3. ORIGINAL NEGATIVE:

A. EXPOSURE: IN GENERAL THE FIRST HALF OF THE MISSION APPEARS UNDEREXPOSED (SHADOW DETAIL IS MINIMAL). AS THE MISSION PROGRESSES THE EXPOSURE INCREASES AND THE DENSITY IMPROVES. FROM APPROXIMATELY FRAME 900 TO THE END OF THE MISSION, THERE ARE

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SANITIZED
WITH TEXT

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AREAS OF OVEREXPOSURE. THE OVEREXPOSED AREAS WERE ACQUIRED WHEN THE CAMERAS SCANNED IN THE GENERAL DIRECTION OF THE SUN.

B. DENSITY AND CONTRAST: THE DENSITY GRADUALLY INCREASES THROUGHOUT THE MISSION. THE CONTRAST IS GENERALLY MEDIUM.

C. IMAGE DEGRADATIONS:

(1) MASTER: FRAME 1, 1256, 1257, 1287 AND 1288 CONTAIN SPLASH TYPE FOG PATTERNS. THIS FOG IS PROBABLY ASSOCIATED WITH CAMERA OFF/ON OPERATIONS. A CONTINUOUS PLUS DENSITY STREAK IS PRESENT JUST WITHIN THE NON-TITLED EDGE OF THE FORMAT THROUGHOUT THE MISSION. THIS DENSITY STREAK MAY BE CAUSED BY THE 200 C.P.S. TIME TRACK LIGHT

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GROUP 1
Excluded from automatic
downgrading and
declassification

2

BEING CONTINUOUSLY ON. BANDING IS DETECTABLE ON THE FIRST TWO INCHES OF MOST FRAMES.

(2) SLAVE: THE FIRST TEN INCHES OF FRAME 1 AND THE LAST TEN INCHES OF FRAME 1289 ARE FOGGED. BANDING IS DETECTABLE ON THE FIRST TWO TO THREE INCHES OF EVERY FRAME. OCCASIONALLY, THE BANDING IS PRESENT THROUGHOUT THE ENTIRE FORMAT (EXAMPLES: FRAMES 277-285, 306 AND 709-717).

D. PHYSICAL DEGRADATIONS:

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(1) MASTER: A MANUFACTURER'S SPLICE IS PRESENT IN FRAME 739 AND 894. EMULSION BLISTERS ARE PRESENT ON SOME FRAMES NEAR THE CENTER OF THE MISSION (EXAMPLES: FRAMES 559, 591 AND 686).

(2) SLAVE: A MANUFACTURER'S SPLICE IS PRESENT IN FRAME 159 AND BETWEEN FRAMES 1113 AND 1114. MULTIPLE LONGITUDINAL EMULSION SCRATCHES ARE CONCENTRATED NEAR THE TITLED EDGE OF THE FORMAT AND ADJACENT BORDER AREA. THE SCRATCHES CONTINUE TO APPROXIMATELY FRAME 1069 AND GRADUALLY DISSIPATE THEREAFTER.

E. AUXILIARY DATA: THE EVENTS COUNTER AND CAMERA SERIAL NUMBER ARE IMAGED THROUGHOUT. THE IMAGE OF THE SLAVE CAMERA SERIAL NUMBER IS SEVERELY BLOOMED.

F. THE LAST TITLED MASTER CAMERA FRAME IS 1288 AND THE LAST TITLED SLAVE CAMERA FRAME IS 1289.
GP-1

S E C R E T

END OF MESSAGE