

**SECRET**

168 OCT 8 23 08Z

OWT 66 110

**PRIORITY 1**

P 082233Z SEP 68

FM NPIC WASHDC

TO RUCSAAA/SAC OFFUTT AFB OMAHA NEB  
RUCSAAA/544TH ARTW OFFUTT AFB OMAHA NEB  
NUCLFGA/133TH SRW OL 19 MCCOY AFB FLA  
RUMJDBA/133TH SRW DAVIS MONTHAN AFB ARIZ  
RUEBJRA/NAVRECONTECHSUPPCEN SUITLAND MO  
RUEAIIA/CIA WASH DC  
RUEOJFA/DIA  
RUMBKNA/15TH AF MARCH AFB RIVERSIDE CALIF  
RUEFHQA/HQS USAF  
BT

SECRET CITE NPIC 4756.

SAC FOR DIR, DOSR, DISD; 15TH AF FOR DI, DO; 133TH SRW FOR  
CO, DCOI; HQ USAF FOR AFRDR [redacted] DIA FOR DIAXX-2.  
FROM NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER.

SUBJECT: EVALUATION OF GLASS LAMP MISSION G-245

1. IMAGE QUALITY: IMAGERY FROM THIS MISSION IS GOOD AND  
COMPARABLE TO THAT OBTAINED ON MISSION G-244. THE QUALITY VARI-  
ACROSS THE FORMAT WITH THE BEST IMAGERY BEING NEAR THE NON-DATA

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BLOCK EDGE. THE GROUND RESOLUTION AND INTERPRETATION SUITABILITY  
ARE GOOD WHERE NOT DEGRADED BY ATMOSPHERICS. CLOUD COVER AND HAZE  
OBSCURE APPROXIMATELY 20 PERCENT OF THE ENTIRE MISSION.

2. MISSION DATA:

A. THE STANDARD "B" CONFIGURATION CAMERA, UNIT NUMBER 13,  
USED IN MISSION G-245 FLOWN ON 4 OCTOBER 1968. MODE 3 WAS USED  
OUT.

B. FILM TYPE 3481 WAS USED WITH AN EXPOSURE SETTING OF 1/  
AT F-12. PROCESSING WAS ACCOMPLISHED BY NAV. RECON, TECH. SUPPCEN

3. ORIGINAL NEGATIVE:

- A. EXPOSURE: THE EXPOSURE IS ADEQUATE THROUGHOUT THE MISSION.
- B. DENSITY AND CONTRAST: GENERALLY MEDIUM THROUGHOUT.
- C. IMAGED DEGRADATIONS:

(1) 9R SIDE: THE MINUS DENSITY AREA REPORTED IN  
PREVIOUS EVALUATIONS IS ALSO PRESENT NEAR THE DATA BLOCK  
ON THIS MISSION. NUMEROUS PLUS DENSITY LINES PARALLEL TO  
THE MINOR AXIS OF THE FILM (EXTENDING UP TO THREE INCHES  
INTO THE INBOARD EDGE OF THE FORMAT) AND NUMEROUS SMALL  
COMET-SHAPED PLUS DENSITY AREAS ARE PRESENT IN FRAMES 1 -  
1158. SEVERAL PLUS DENSITY LINES PARALLEL TO THE MAJOR  
AXIS OF THE FILM ARE PRESENT IN AND BETWEEN FRAMES 1157 TO

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2155. THE MOST PROMINENT OF THESE ARE LOCATED 4.25 INCHES

DISTRIBUTION		
CV	OFFICE	LI
1	FILE	
2	CABLE SEC.	
	PP&B/RD	
	SECUR.	
3,4	TSSG/AD	
	PSG/OC	25X1
	RRD	
	REPRO	
	AID	
	ING	
	PROD	
	SCIEN	
	WEST	
	EAST	
	M&S	
	PGM	
5	IAS	
	DIA-XX4	
	THRU SHAD	
	DIA-AP	
	CMX	25X1

ADVANCE CV  
SANITIZED  
WITH TEXT

**SECRET**

GROUP 1  
Excluded from automatic  
downgrading and  
declassification

AND 4.65 INCHES FROM THE OUTBOARD EDGE AND 1.03 INCHES FROM THE INBOARD EDGE. SEVERAL ROWS OF EVENLY SPACED MINUS DENSITY SPOTS ARE PRESENT INTERMITTENTLY THROUGHOUT THE MISSION. DENDRITIC STATIC IS PRESENT IN FRAME 22.

(2) 9L SIDE: THE ENTIRE SIDE CONTAINS PLUS DENSITY BANDS PARALLEL TO THE MINOR AXIS OF THE FILM (SIMILAR TO A BANDING EFFECT). IMAGE DEGRADATION DUE TO THIS ANOMALY IS CONSIDERED TO BE ONLY MINOR. SEVERAL PLUS DENSITY LINES PARALLEL TO THE MAJOR AXIS OF THE FILM ARE PRESENT INTERMITTENTLY THROUGHOUT THE MISSION.

(3) BOTH SIDES: EDGE FOG IS PRESENT ALONG THE OUTBOARD EDGES. EDGE STATIC AND ROLLER CHATTER ARE PRESENT ALONG THE INBOARD EDGES. PLUS DENSITY LINES PARALLEL TO EACH FORMAT EDGE AND 0.36 INCHES INSIDE EACH FORMAT ARE PRESENT IN ALL FRAMES. THIS ANOMALY APPEARS TO BE A REFLECTION OFF THE FORMAT FRAME IN THE CAMERA. FRAMES 1-5 ARE PREFLIGHT. FRAME 2155 IS POSTFLIGHT.

D. PHYSICAL DEGRADATIONS:

(1) 9R SIDE: AN INTERMITTENT SCRATCH IS PRESENT IN FRAMES

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1204-1372 (0.75 INCH FROM THE INBOARD EDGE). FRAMES 25 AND 419 EACH CONTAIN A MANUFACTURER'S SPLICE. FRAME 1153 CONTAINS A HEAT SPLICE. ANOTHER HEAT SPLICE IS PRESENT BETWEEN FRAMES 955/956.

(2) 9L SIDE: A HEAT SPLICE IS PRESENT BETWEEN FRAMES 312/313. FRAME 1247 CONTAINS A HEAT SPLICE. FRAME 1329 CONTAINS A MANUFACTURER'S SPLICE. A 0.25 INCH LONG SCRATCH IS PRESENT IN FRAME 742.

E. AUXILIARY DATA: THERE IS A BIAS OF 1 BETWEEN THE EVENTS COUNTER AND THE TITLED FRAME NUMBER. ALL OTHER DATA RECORDING EQUIPMENT FUNCTIONED NORMALLY.

F. THE LAST TITLED FRAME ON BOTH SIDES IS 2155.

4. POSITIVES:

A. THE PRINTING AND PROCESSING ARE GOOD.

GP-1

S E C R E T

END OF MESSAGE