

65992

SECRET

24 SEP 68 15 37z

P 241455Z SEP 68
 FM NPIC WASHDC
 TO RUCSAAA/SAC OFFUTT AFB OMAHA NEB
 RUCSAAA/544TH ARTW OFFUTT AFB OMAHA NEB
 RUCSAAA/100TH SRW OL 19 MCCOY AFB FLA
 RUWJBA/100TH SRW DAVIS MONTHAN AFB ARIZ
 RUEBJR/NAVRECONTECHSUPPCEN SUITLAND MD
 RUEAIIA/CIA WASH DC
 RUEOJFA/DIA
 RUWBKNA/15TH AF MARCH AFB RIVERSIDE CALIF
 RUEFHQA/HQS USAF
 BT

S E C R E T CITE NPIC 4639
 SAC FOR DIR, DADR, DISD; 15TH AF FOR DI, DO; 100TH SRW FOR
 CO, DCOI; HQ USAF FOR [] DIA FOR DIAXX-2.
 FROM NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER.
 SUBJECT: EVALUATION OF GLASS LAMP MISSION G-043

1. QUALITY SUMMARY: IMAGERY OBTAINED ON THIS MISSION IS BETTER THAN RECENT GLASS LAMP MISSIONS. THE GROUND RESOLUTION AND INTERPRETATION SUITABILITY ARE GOOD WHERE ATMOSPHERIC CONDITIONS DO

PAGE 2 RUEADJU 44 **S E C R E T**
 DEGRADE THE IMAGERY. CLOUD COVER AND HAZE OBSCURE APPROXIMATELY 65 PERCENT OF THE ENTIRE MISSION.

2. MISSION DATA:

A. THE STANDARD "B" CONFIGURATION CAMERA, UNIT NUMBER 10, WAS USED IN MISSION G-043 FLOWN 21 SEPTEMBER 1968. MODE 5 WAS USED THROUGHOUT.

B. FILM TYPE 3401 WAS USED THROUGHOUT THE MISSION. PROCESSING WAS ACCOMPLISHED BY NAV RECON TECH SUPPCEN.

C. CAMERA UNIT 10 HAS JUST COMPLETED OVERHAUL (IRAN) BY THE MANUFACTURER AND MISSION G-043 IS THE FIRST OPERATIONAL MISSION IN WHICH THE CAMERA HAS BEEN USED. THIS MISSION IS THE FIRST OF RECENT GLASS LAMP MISSIONS TO USE FILM TYPE 3401.

3. ORIGINAL NEGATIVE:

A. EXPOSURE: THE EXPOSURE IS ADEQUATE THROUGHOUT THE MISSION.

B. DENSITY AND CONTRAST ARE GENERALLY MEDIUM.

C. IMAGED DEGRADATIONS:

(1) 9R SIDE: A MINUS DENSITY AREA IN THE SHAPE OF A SEMICIRCLE 1.0 INCH IN DIAMETER IS IMAGED NEAR THE DATA

PAGE 3 RUEADJU 44 **S E C R E T**
 BLOCK THROUGHOUT THE MISSION. ROLLER CHATTER IS PRESENT ON THE TITLED EDGE OF THE FIRST 200 FRAMES. A ROW OF MINUS DENSITY DOTS 2.3 INCHES APART, 6.0 INCHES FROM THE TITLED EDGE IS PRESENT ON FRAMES 856 TO 866.

(2) 9L SIDE: NONE NOTED.

(3) BOTH SIDES: INTERMITTENT FAINT PLUS DENSITY STREAKS ARE PRESENT PARALLEL TO THE MAJOR AXIS OF THE FILM THROUGHOUT THE MISSION. THESE STREAKS DO NOT CONSTITUTE A SERIOUS IMAGE

DISTRIBUTION		
CI	OFFICE	PI
1	FILE	
2	CABLE SEC.	
	OPER/ED	
	SECUR.	
3	ISSG/ABD	✓
	PSG/OC	
	RFD	
	REPRO	25X1
	AID	
	IEG	
	PROD	
	SCIEN	
	WEST	
	EAST	
	M&S	
	PGM	
	IAS	4
	DIA-XX4	
	SPAD	
	DIA-AP	25X1
	CMX	

ADVANCE CY
 SANITIZED
 WITH TEXT

SECRET

GROUP 1
 Excluded from automatic
 downgrading and
 declassification

2.

DEGRADATION.

D. PHYSICAL DEGRADATIONS:

(1) 9R SIDE: HEAT SPLICES AND ASSOCIATED HANDLING MARKS ARE PRESENT BETWEEN FRAMES 540/911 AND IN FRAME 594. A MANUFACTURING SPLICE IS PRESENT IN FRAME 348.

(2) 9L SIDE: HEAT SPLICES WITH ASSOCIATED HANDLING MARKS ARE PRESENT BETWEEN FRAMES 910/911 AND IN FRAME 816. A MANUFACTURER'S SPLICE IS PRESENT IN FRAME 934. A SMALL EMULSION GOUGE IS PRESENT IN FRAME 616.

E. AUXILIARY DATA: THE FRAME COUNTER OPERATION WAS SLIGHTLY ERRATIC. THE COUNTER READ 0000 FOR THE FIRST FRAME, REPEATED NUMBER 532 FOR ONE EXTRA FRAME, AND REPEATED NUMBER

PAGE 3 RUEADJU 44 S E C R E T
674 FOR NINE EXTRA FRAMES. THIS RESULTED IN A BIAS OF 11 BETWEEN THE TITLED FRAME AND FRAME COUNTER. THE CLOCK IS BLURRED AND DIFFICULT TO READ.

F. THE LAST TITLED FRAME ON BOTH SIDES IS 1123.

4. THE PRINTING AND PROCESSING WERE GOOD.

GP-1

S E C R E T

END OF MSG