

**TOP SECRET**

**PRIORITY**

OUT52236 1963 NOV 6 21 42Z

HFS A

CJS [Signature] 25X1

CFC [Signature] 25X1

PMS [Signature]

ACL [Signature] 25X1

[Redacted]

**T O P S E C R E T**

[Redacted]

[Redacted]

1. [Redacted] HAS CONDUCTED AN EVALUATION OF MISSION 4003. THIS EVALUATION IS IN ADDITION TO DATA PROVIDED AT YOUR REQUEST IN SUPPORT OF THE PET ACTIVITIES. 25X1  
Grace (File)

2. PARA 3 AND PARA 4 ARE SUMMARIZING STATEMENTS OF [Redacted] APPRAISAL OF THE ACCOMPLISHMENTS OF MISSION 4003 BASED UPON THIS EVALUATION. PARA 3 CONTAINS INFORMATION REQUIRING HANDLING VIA T-KH CHANNELS ONLY, WHILE PARA 4 IS SIMILAR INFORMATION FOR HANDLING VIA BYEMAN CONTROL CHANNELS. 25X1

3. IT IS SUGGESTED THAT THE FOLLOWING BE INCLUDED IN THE PET REPORT.

**EVALUATION OF MISSION 4003.**

QUALITATIVE EVALUATION FOR PHOTO INTERPRETATION SUITABILITY REVEALS MISSION 4003 IS EXCELLENT PHOTOGRAPHY AND IS SLIGHTLY BETTER THAN MISSION 4002. FROM A TARGET COVERAGE POINT OF VIEW, HOWEVER, MISSION 4003 WAS NOT AS SUCCESSFUL AS MISSION 4002. OF THE 15 TARGETS PROGRAMMED TO BE PHOTOGRAPHED BASED ON FIRST

[Redacted] 25X1

**TOP SECRET**

[Redacted]

EXCLUDED FROM AUTOMATIC  
DOWNGRADING AND  
DECLASSIFICATION

25X1

EPHEMERIS, 2 WERE PHOTOGRAPHED, 8 WERE COMPLETELY CLOUD COVERED, 3 WERE MISSED AND 2 COULD NOT BE LOCATED AND WERE PROBABLY CLOUD COVERED. WHERE INTELLIGENCE TARGETS WERE COVERED MISSION 4003 PHOTOGRAPHY PROVIDED SIGNIFICANT DETAIL. EXAMPLES OF THE TYPE OF DETAIL OBTAINABLE ARE:

- A. THE RIBBING STRUCTURE OF RADOMES AND THEIR POSITIVE IDENTIFICATION.
  - B. POSITIVE IDENTIFICATION OF MISSILES AT AN SA-2 SAM SITE, PLUS SUCH AUXILIARY EQUIPMENT AS LAUNCHERS, TRANSPORTERS AND TRUCKS.
  - C. IDENTIFICATION BY TYPE OF RAILROAD CARS AND MOTOR VEHICLES.
  - D. DISTINCTION BETWEEN BM14 AND BM24 TRUCK MOUNTED ROCKET LAUNCHERS AND POSSIBLE IDENTIFICATION BY TYPE OF FIELD GUNS AND HOWITZERS.
  - E. LINEAR OBJECTS SUCH AS PAINTED HIGHWAY LANE STRIPES, PARKING LOT SPACE DIVIDERS, AND INDIVIDUAL RAILROAD RAILS.
  - F. FOOTBALL TEAMS ON A PLAYING FIELD.
  - G. CATTLE IN PENS AT A STOCKYARD.
4. EVALUATION OF MISSION 4003.

QUALITATIVE EVALUATION FOR PHOTO INTERPRETATION SUITABILITY REVEALS MISSION 4993 IS EXCELLENT PHOTOGRAPHY AND IS SLIGHTLY BETTER THAN MISSION 4002. WHILE THE VOLUME OF INFORMATION OBTAINED IS LIMITED, THE QUALITY IS HIGH, PROVIDING POS-



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25X1

**ITIVE IDENTIFICATION. MISSION 4003 PHOTOGRAPHY PROVIDED SIGNIF-  
ICANT DETAIL INCLUDING:**

**A. THE RIBBING STRUCTURE OF RADOMES AND THEIR POSITIVE  
IDENTIFICATION.**

**B. IDENTIFICATION BY TYPE OF RAILROAD CARS AND MOTOR  
VEHICLES,**

**C. LINEAR OBJECTS SUCH AS PAINTED HIGHWAY LANE STRIPES,  
PARKING LOT SPACE DIVIDERS, AND INDIVIDUAL RAILROAD RAILS.**

**D. FOOTBALL TEAMS ON A PLAYING FIELD.**

**E. CATTLE IN PENS AT A STOCKYARD.**

**5. TWO FACTORS HAVE AN IMPORTANT INFLUENCE UPON THE PI  
SUITABILITY OF THIS PHOTOGRAPHY, EXPOSURE AND SUN ANGLE. ON  
MISSION 4003 THE EXPOSURE IN MOST INSTANCES WAS NOT ADEQUATE TO  
PERMIT DETAILED INTERPRETATION IN CLOUD SHADOW AREAS. MUCH  
USEFUL INFORMATION IS BEING OBTAINED FROM INTERPRETATION OF THE  
SHADOWS CAST BY OBJECTS, WHICH IS GOVERNED BY THE SUN ANGLE.**

**T O P S E C R E T**

**-END OF MESSAGE-**

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