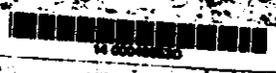


**CORONA**



Copy [redacted]  
30 January 1970

**MEMORANDUM FOR: Director of Special Projects**

**SUBJECT: Photo Reconnaissance Systems Report No. 25**

**I. CORONA**

**A. Accomplishments**

1. The Thermal Meeting at Headquarters on 23 January finalized CR-11's UTB approach. The desired temperatures are expected to be maintained by trimming the thermal tape pattern and closing the launch window. Spacecraft heaters will not be installed for this mission. Additional thermal studies are continuing for any impact on future missions.
2. Mission 1109 orbit was selected, consistent with the desired thermal control. It will be a 19-day mission, at an inclination of 88°.
3. [redacted] PSAC Secretary, received a CORONA briefing and a tour of the AP on 27 January.
4. Itek's recommendation to modify the constant tension assembly by incorporation of double negator spring was reviewed and approved.

**B. Problems**

1. Investigations of CR-10 slit width and "ramp up-ramp down" problems continue. Slit width problem was attributed to a faulty clutch assembly. The clutch is being replaced. "Ramp up-ramp down" time differential appears to result from the drive motor amplifiers.
2. CR-13 tracking tests reveal interference between the film path and the SRV "A" water seal and between the film path and the SRV "B"

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In Accordance with E. O. 12958

on NOV 26 1997

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felt pad. The water seal position will be adjusted, and the felt pad will be trimmed to provide adequate clearance.

C. Projected Status

1. CR-10. The clutch is being replaced. High efficiency amplifiers are being evaluated as replacements for those in the drive motor.
2. CR-11. Flight Preps.
3. CR-12. Block Tests.
4. CR-13. Tracking.
5. QR-2. Acceptance at Itek.

II.

A.

1. [REDACTED]
  2. [REDACTED]
  3. [REDACTED]
- [REDACTED]

**\*\*\*NOTICE OF REMOVED PAGES\*\*\***

**Pages 3 through 6 are not provided because their full text does not contain CORONA, ARGON, LANYARD programmatic information.**