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CORONA

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7 November 1969

MEMORANDUM FOR: Director of Special Projects

SUBJECT: Photo Reconnaissance Systems Report No. 13

I. CORONA

A. Accomplishments

1. CR-10 post-HIVOS evaluation indicates that the 1200 feet of SO-242 color film which passed through the aft looking instrument demonstrated the capability of the J-3 system to satisfactorily perform with SO-242. No pressure sweeps were made, but indications are that, while operating with the PMU, corona markings, if any, will not degrade the photography. Approximately 60 cycles of 3404 film displayed 2-pi corona markings. These markings occurred in the 10 to 36 micron pressure range. The necessity for a CR-10 HIVOS rerun has not yet been established.

2. Negotiations at Itek for CR-8 refurbishment were completed on 3 November 1969.

B. Problems

Evaluation of out-of-spec take-up flanges is continuing. A sufficient number of in-spec flanges are available at the AP to preclude any impact on system testing.

C. Projected Status

1. CR-9. Flight Preps - scheduled for launch 26 November 1969.
2. CR-10. Block Preps.
3. CR-11. HIVOS Preps.
4. CR-12. System Tests.
5. CR-13. Acceptance Test.

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Declassified and Released by the NRO

In Accordance with E. O. 12958

on NOV 26 1997

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

Pages 2 through 5 are not provided because their full text does not contain CORONA, ARGON, LANYARD programmatic information.