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24 July 1970

MEMORANDUM FOR: Director of Special Projects

SUBJECT : Photo Reconnaissance Systems Report No. 50

I. CORONA

A. Accomplishments

1. Mission 1111 (CR-12) receiving inspection and mate at VAFB were successfully accomplished by 18 July. The mission was successfully launched 22 July. The system is operating satisfactorily.

2. Move.

a. All WCPO personnel are now located in Bldg. [redacted]. Several test personnel remain at A/P, primarily to accomplish CR-12's payload retrieval. Except for these test personnel and some administrative personnel who are completing "close-out" of A/P, the WCPO is now located in either [redacted] or [redacted] Bldg. [redacted] was accepted for use by LMSC on 21 July.

b. Shaker acceptance tests are being conducted. SRV associated test gear is being installed and calibrated.

c. The first system, CR-15, was moved to Bldg. [redacted] on 23 July.

3. The A/P 1004 data equipment will be moved during the next reporting period.

4. The Itek West Coast Division component test box has been tested and is now in use.

Declassified and Released by the NRO

In Accordance with E. O. 12958

on NOV 26 1997

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B. Problems

1. Ripple filter test results indicate several questionable filters. Replacements will be manufactured locally since the vendor is bankrupt. Availability forecast is approximately three weeks. There is no impact on CORONA Systems availability.

2. Several dual data signal conditioners (DDSC's) have shown susceptibility to pulse slopes resulting in double pulses or none at all. Reevaluation is being conducted and preliminary analysis indicates a transistor change may be required. This problem does not impact CR-13 or QR-2.

C. Future Activities

Mission 1111 PET is tentatively scheduled 25 and 26 August.

D. Projected Status

1. CR-12. Flight Operations.
2. CR-13. Storage (still needs block test).
3. QR-2. Storage (current backup system).
4. CR-14. Storage.
5. CR-15. Training class use.
6. CR-16. Storage at Itak West Coast Division.
7. CR-8. Final acceptance tests. "Buy off" dates 10 - 12 August.

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

Pages 3 through 11 are not provided because their full text does not contain CORONA, ARGON, LANYARD programmatic information.