

MEMORANDUM FOR: Director of Special Projects

SUBJECT

: Photo Reconnaissance Systems Report No. 50

L CORONA

A. Accomplishments

1. Mission IIII (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. 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 the Bldg. Bldg. 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 Bidg. 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 N R O

in Accordance with E.O. 12958

on NOV 26 1997.







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B. Problems

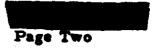
- 1. Ripple filter test results indicate several questionable filters. Replacements will be manufactured locally since the vendor is bank-rupt. Availability forecast is approximately three weeks. There is no impact on COROMA Systems availability.
- 2. Several dual data signal conditioners (DDSC's) have 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 IIII 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. <u>CR-15</u>. Training class use.
- 6. CR-16. Storage at Itek West Coast Division.
- 7. CR-8. Final acceptance tests. "Buy off" dates 10 12 August.







NOTICE OF REMOVED PAGES

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