

CORONA

14-00000-160

[REDACTED]

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23 APR 1970

MEMORANDUM FOR: Director, CIA Reconnaissance Programs
SUBJECT : OSP's NRO Quarterly Report on NRP Satellite Systems

Attached for your consolidation into an overall CIA Reconnaissance Report is OSP's NRO Quarterly Progress Report. Two additional copies are attached for Dr. McLucas and [REDACTED] and one copy each of CORONA and [REDACTED] is attached for forwarding to [REDACTED]

[REDACTED]

Attachment: a/s

Declassified and Released by the N R G
In Accordance with E. O. 12958
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GROUP 1
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SUBJECT: OSP's NRO Quarterly Report on NRP Satellite Systems

Distribution:

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22 April 1970)

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QUARTERLY PROGRESS REPORTSATELLITE SYSTEMS

1 January 1970 through 31 March 1970

I. CORONA PROGRAM

A. System Status

1. Mission 1109 (CR-10) was launched from VAFB on 4 March 1970. The entire mission was accomplished without incident with "A" recovery occurring on 11 March and "B" recovery on 23 March. Preliminary evaluation of the mission indicates that the technical performance of this system yielded photography of a predicted quality. NPIC assigned MIPS of 110 and 100 to the "A" and "B" portions respectively. The Performance Evaluation Team will convene 14 and 15 April to evaluate the flight.
2. The next scheduled CORONA flight system (CR-11) entered storage at LMSC on 17 March. No discrepancies in system status were noted. CR-11 flight preparations will begin in early May.
3. The CR-9 DISIC failure has been traced to a malfunction of the 400 cycle inverter. The test procedure has been changed to include "stage by stage" waveform evaluation.
4. Activity continues in the refurbishment of CR-8 with system checkout scheduled for early April and final acceptance testing scheduled for 22 May. Delivery is expected in late July.
5. A Payload Information Meeting was held at the A/P on 18 February 1970. In attendance were representatives of the principal offices of the intelligence community. All agenda items were covered in a satisfactory manner and the meeting was considered a successful method for sharing information with user organizations. Minutes of the meeting have been distributed throughout the community.

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B. UTB Film Usage

Tracking problems encountered during pre-flight checkout of CR-11 demonstrated a basic incompatibility between J-3 systems and UTB film, resulting in the cancellation of the scheduled CR-11 flight. As a result of a meeting held at the A/P on 18 February 1970, a decision was made to delete planned UTB film use in future J-3 flights in favor of STB film.

C. Proposals and Future Changes

1. A prototype version of the improved Constant Tension Assembly (CTA) employing dual negator springs was successfully tested on CR-10 in early February. Accordingly, production versions have been installed on CR's 13, 14, 15, and 16. Installation of these devices on remaining J-3 systems will be accomplished upon receipt.

2. Proposals for the development and fabrication of replacement units for the Haydon Timers have been received from three sources. The most attractive proposal was submitted by [REDACTED]. Contract Award is currently in progress.

D. A/P Relocation

Preparations are proceeding for A/P relocation to Buildings [REDACTED] and [REDACTED] of the Sunnyvale facility. Material and equipment inventories are in progress and the move plan is being finalized.

E. Low RH Film Test

The investigation of the effects of low relative humidity on SO-380 film has been completed. Test results will be published in the forthcoming CR-11/CR-12 "Dr. A" report due May 1970.

F. Missions Completed This Quarter

Mission No. 1109
 Booster No. 69-041
 Agena No. 1657
 Payload No. CR-10
 Instrument No. 320/321
 SI No. W/N 9
 Film Type - Main Inst. 3404

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F. Missions Completed This Quarter (cont'd)

Flight Date: 4 March 1970
Feet P/L Flown: 32,600
Feet P/L Recovered: 32,600
Recovery Dates: 11 March 1970
23 March 1970

G. Missions Planned For Next Quarter

Date: 20 May 1970
Mission: 1110
P/L: CR-11


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

Pages 4 through 21 are not provided because their full text does not contain CORONA, ARGON, LANYARD programmatic information.