



BYE-107970-71

Copy 10 of 14
12 March 1971

MEMORANDUM FOR: Director of Special Projects

SUBJECT : Photo Reconnaissance Systems Report No. 83

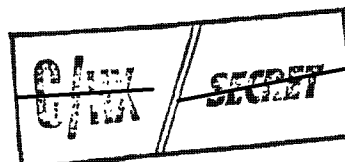
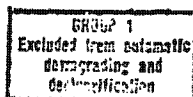
I. CORONAA. Accomplishments

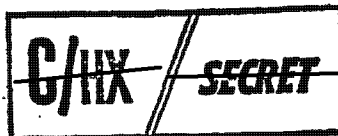
1. Final flight loading of CR-14's main cameras and DISIC were completed on 11 March for Mission 1114 launch on 24 March 1971. Normal mission preparation continues with the H-timer requirements to be shipped to VAFB today. Minimal new software is being checked out to support the special DMU rocket firing requirements in the CORONA Evasive Maneuver Contingency Plan.

2. A review to date of the "six pack" study was conducted by WCPO and SP-7. Progress is good and the study should be completed within schedule (26 March). Effort is concentrated on using basically the 24" Petzval stereo camera, slightly modified Agens, six small (23-24") SRV's, and either a Thorad or Atlas "F" booster. Twenty- and thirty-day mission capabilities are being explored.

B. Problems

No major problems.

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CONTROL SYSTEM ONLY



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C. Projected Status

1. CR-14. Launch preps.
2. CR-15. Backup preps.
3. CR-16. Block preps.
4. CR-8. Assembly and integration.

II. HEXAGON

A. General

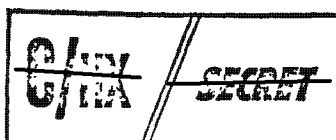
1. The SDV-III Phase III rehearsal profile briefing and readiness meeting was held on 2 March. The rehearsal was delayed two hours due to test and tracking station problems and finally started at 1301 PST on 5 March. The phase testing and STC rehearsal, once launched, ran smoothly except for data flow. Since only the Vandenberg RTS was used for support, it had to simulate the other RTS units; therefore, the tape recorder read-backs ran hours late. In a real flight this should not be a problem, since all RTS's would be on-line. A critique was held on 9 March 1971. The "R-6 Day" test was run on Monday, 8 March, and the "R-1 and R-0 Day" tests are scheduled for the 13th and 14th.

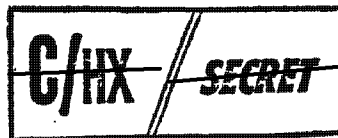
2. At the Operations IFWG on 10 March, plans were made for a command message checking exercise during the period 5-8 April and the next first flight rehearsal for no earlier than 19 April due to the CORONA mission interference.

3. [REDACTED]

[REDACTED] visited the WCPO on 9-10 March to review the spares storage facilities, spares control procedures,

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spares listings, and spares requisitioning procedures. All items were satisfactory, [] will add control numbers to the spares list to aid bookkeeping/storeroom functions.

B. Model Status

1. Development Model (SDV-III)

The "R-4 Day" test sequence scheduled for 11 March was postponed due to SSTC problems. SSTC spare cards have been shipped to the base, and sensor testing will resume when the AGE is repaired. In the meantime, LMSC is attempting work-around procedures.

2. SV-1 (SN-003)

SV-1 has been readied for Chamber A-1 testing which is scheduled to begin on 14 March.

3. SV-2 (SN-002)

a. Forward Section

The assembly of the forward section is now complete. Manual mode testing will begin today, and film transport tests will commence on 15 March.

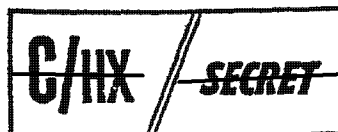
b. Midsection

The midsection is scheduled to arrive NAS Moffett today, the delay being caused by the decision not to use the C5A because of the newspaper publicity.

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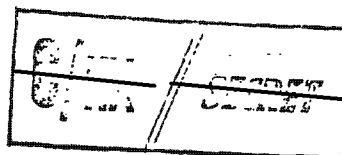
4. SV-3 (SN-004)

The midsection shake was completed with no problems. The chamber preparations for this vehicle will begin 13 March 1971 with the in-air tests in the chamber to begin on 15 March 1971. Problems have continued with this vehicle with the F&E box. This new F&E box is of the same configuration as that box which was scavenged from SN-004 to be placed on SN-002 after completion of SN-002 acceptance tests. Schedule projects to a ship date of 13 April 1971.

III. Meetings Requiring Participation of Headquarters Personnel

<u>Date</u>	<u>Subject</u>	<u>Attendees</u>
<u>PE</u>		
17 Mar	CEI Specification Negotiation	<input type="text"/>
<u>WCPO</u>		
19 Mar	HOPE Message and TM Performance Evaluation	Kohler
<u>LMSC</u>		
16-19 Mar	S&M IFWG	<input type="text"/>
<u>SAMSO</u>		
16-18 Mar	CCB Meeting	Kohler
18 Mar	OOPS Meeting	<input type="text"/>

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VAFB

12-13 Mar SDV-III R-2 and R-1 Day Meeting

16 Mar Mission 1114 (CR-14) R-7 Meeting

18-19 Mar CR-14 Checkout and Mate

RCA

16 Mar Takeup (P5-3) Buy-off

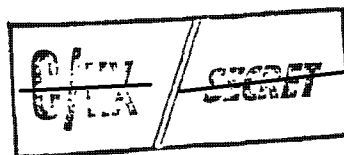
WAFB

15 Mar Review SN-002 Acceptance Team Report

**DONALD W. PATTERSON
D/PRS/OSP**

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