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Copy 10 of 14
10 April 1970

MEMORANDUM FOR: Director of Special Projects

SUBJECT : Photo Reconnaissance Systems Report No. 35

I. CORONA

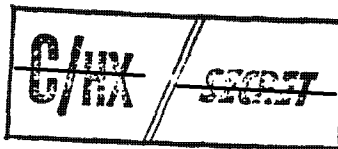
A. Accomplishments

1. CR-13 was moved to the HIVOS chamber, and tests are in progress.
2. Modified constant tension assemblies were installed on CR-12. The CR-8 units were forwarded to Itek.
3. Work has begun on the portable component tester.
4. The purchase order for units to replace the current Haydon Timers has been signed with Autronics.
5. Action continues on preparation for the A/P move and renovation of Buildings 152 and 156. Documentation storage and destruction are still being accomplished.
6. The CORONA Operations Support Programming Staff are now spending the majority of their time in Building 156. Very few problems have been encountered in establishing compatibility between CORONA Programs and the 360 mod 65 computer system, and to date all such problems have been readily overcome. Approximately 50% of the CORONA support software has been recompiled and successfully tested as of 9 April. There is still no reason to believe that the planned release date of 1 May for the IBM 360/50 at A/P will not be met.
7. Dr. C. Sorrels of BOB, accompanied by Mr. Crowley and Col. L'Heureux of SAFSP were briefed on the CORONA Program status and toured the A/P.

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B. Problems

The CR-13 DISIC T/U failure reported two weeks ago has been attributed to mistracking.

C. Projected Status

1. CR-11. Post-storage functional test.
2. CR-12. Storage preps.
3. CR-13. Environmental test.
4. QR-2. Functional test.
5. CR-14. Assembly and tracking.
6. CR-15. Acceptance test.

II. HEXAGON

A. General

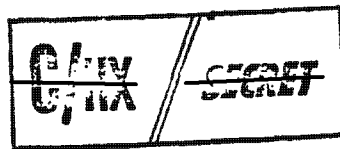
1. The Ops IFWG was held on 8 April 1970. The problem of SSC being part of the TA Staff came to a head. SSC has been working with the sub-group on data display which has Aerospace as chairman. The reports presented to the Ops IFWG on 8 April stated that they were prepared by the TA with the help of the TA Staff, which indicated that SSC was working for the TA. Objection was made in the Ops IFWG meeting and was reflected in the minutes of the meeting. The SPO had no comments.

2. The forward section structure was delivered to SSC/WCFO on 9 April. However, SBAC still has some clean-up to do. The F.S. buildup is expected to commence on 13 April.

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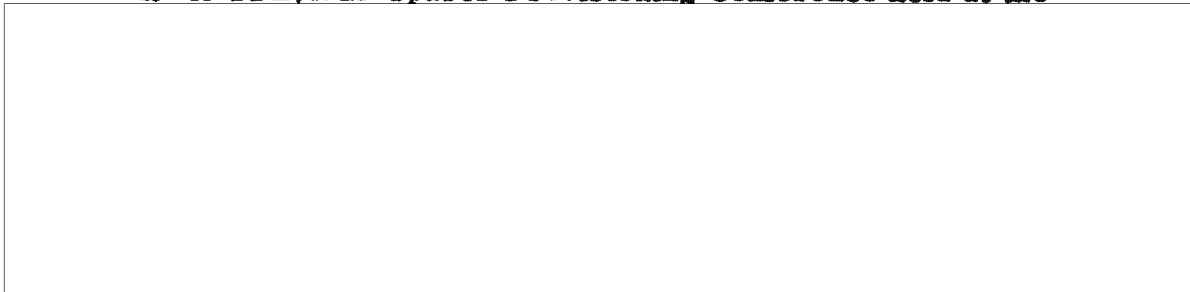
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3. The two rolls of material for "D" Model R&I were delivered to the West Coast this week.

4. A TFE/AGE Spares Provisioning Conference held at the



5. The Financial Plan for FY 1971 and the Budget for FY 1972 were completed and submitted to PAD/OSP. The program costs for follow-on systems is approximately the same as proposed last year; however, a major increase occurred in the FY 1971 Financial Program because of the expected increase in burden during the next years and the early commitment of funds against subcontracts and hardware items for six systems rather than three as was planned initially. Unit costs for follow-on production is continuing to run between \$12 and \$13M as was indicated in the FY 1970 submission.

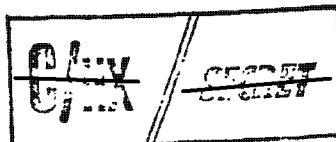
B. q Development Model

The Development Model midsection was shipped by mail to SVIC on 10 April 1970. The Project Office acceptance team will review the acceptance data package on 13 April. The three passive forward film path articulators have been shipped. The active articulator is scheduled to complete qual shock at LMSC today. DM-4 take-up will be shipped to MWC on 12 or 13 April, depending upon aircraft availability.

C. Flight Model No. 1

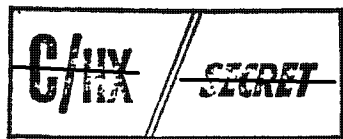
Installation of the TCA into the midsection was completed on 8 April, the supply assembly having been previously installed into the midsection. Ready Room "A" operations began on 9 April. Ready Room "A"

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scheduled operations consist of manufacturing, QC, and systems tests, horizontal baseline, light leak tests, and the 20 critical test points EMC test, the latter depending upon the determination of background noise in the ready room. Based on a 6-day-week, 3-shift-per-day operation, a 9 June shipment date is projected.

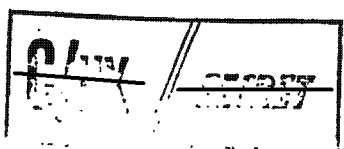
D. Flight Model No. 2

The SBA midsection arrived from SBAC on 7 April. Both optical bars and platens have been installed into the TCA and aligned. TCA completion, including installation of electronics, loopers, film path elements, and SBA simulator integration, is expected on 13 April.

III. Meetings Requiring Participation of Headquarters Personnel

<u>Date</u>	<u>Subject</u>	<u>Attendees</u>
<u>P. E.</u>		
13 Apr	DM Data Package Review	Patterson, [redacted] [redacted] Burks, Kohler, [redacted]
14 Apr	Program Status Briefing to Gen. Cushman	Crowley, Patterson
15 Apr	Malfunction Reporting and Failure Analysis Meeting	[redacted]
<u>STC</u>		
14 Apr	Command System Overview	WCPO Staff

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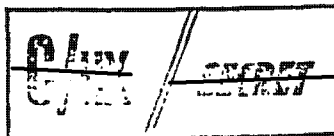


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<u>Date</u>	<u>Subject</u>	<u>Attendees</u>
<u>LMSC</u>		
13 Apr	R-Day Countdown Working Group	[Redacted]
15 Apr	Software Overview at SVIC	WCPO Staff
16 Apr	Operations Overview at SVIC	WCPO Staff, Webb
18 Apr	Managers' Meeting	Patterson
14-15 Apr	CORONA PET Meeting	Kohler, [Redacted] [Redacted]
<u>HEADQUARTERS</u>		
15 Apr	Career Trainee Briefing on C and H Programs	Staff
15 Apr	Axumite Briefing to DD/S&T	Patterson, [Redacted] McMahon, Kohler, [Redacted]
<u>ANNUAL LEAVE</u>		
13-24 Apr		[Redacted]

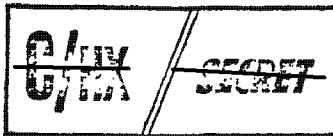
**Donald W. Patterson
D/PRS/OSP**

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Cy 13 -
Cy 14 -

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