

R B / O S P

C **SECRET**

14 000408860

Copy [redacted]
30 October 1970

Declassified and Released by the NRO
In Accordance with E.O. 12958
On NOV 26 1997

MEMORANDUM FOR: Director of Special Projects

SUBJECT: Photo Reconnaissance Systems Report No. 64

1. CORONA

A. Accomplishments

- 1. DISIC No. 8 was received from Fairchild and was assigned to QR-2 for Mission 1112, 18 November 1970.
- 2. The CR-13 lens cell was replaced with a spare. Block test results with the spare cell were good. System block tests are to be conducted within a week.
- 3. The CR-15 HIVOS test was completed. [redacted] timers were qualified successfully in CR-15's HIVOS test and will replace the Hayden timers in the system starting with QR-2.
- 4. Software preparations continue for Mission 1112. The digital storage register program as well as the DISIC and emergency programs were sent to the SOC on 30 October for editing. The special target acquisition software task has been broken into two sections due to its complexity. The first portion, an improved target acquisition program, has an anticipated completion date of 20 November 1970 and is proceeding on schedule. The second portion, a cartesian-to-breakwell ephemeris program, has not been started as yet. The anticipated completion date for the second portion is now set at 31 May 1971.

B. Problems

The CR-15 slope programmer oblateness function went "open" for ten minutes during the HIVOS test. Failure analysis is in process.

GROUP 1
Excluded from automatic
downgrading and
declassification

C **SECRET**

HANDLE VIA [redacted]
CONTROL SYSTEM ONLY



SUBJECT: Photo Reconnaissance Systems Report No. 64

C. Projected Status

1. QR-2 Flight preps.
2. CR-14 Back-up.
3. CR-15 Block test preps.
4. CR-16 Functional tests.
5. CR-13 Resolution investigation with the new cell.
6. CR-8 Storage.

II.

[REDACTED]

A.

[REDACTED]

1.

[REDACTED]

2.

[REDACTED]

3.

[REDACTED]

[REDACTED]

Page Two



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

Pages 3 through 9 are not provided because their full text does not contain CORONA, ARGON, LANYARD programmatic information.