

*Return for  
command classification  
back to me.*



[Redacted]

2 June 1967

*JKL*

MEMORANDUM FOR: Director, Office of Special Projects

SUBJECT: CORONA Weekly Report, 29 May-2 June

1. The J-3 Shift Register Stored Command System Milestone chart was completed late last week. Engineering, AGE, Manufacturing, Soft Ware, and Shift Register events are color coded to aid in associating beginning events with event completion. This not only presents a very attractive display on the window shade backing, but also prevents the display of 43 events from becoming cumbersome.

2. The Missile Launch Detection Film Comparison, Bi-color and Polarization EKIT tests were flown at EAFB last week. Reports on these tests should begin by end of June. The EKIT report on Exposure Control has been written and will be reviewed by [Redacted] this week end. If approved, it will be printed and forwarded to Headquarters for distribution by the end of next week.

3. The QR-2 problem is now reflected on the Problem Summary chart, however, the solution and anticipated completion date will not be available until after the 14 June meeting scheduled at AP.

4. The J-3 Flight Configuration chart was modified to reflect the primary film and film test strip to be carried in the first five J-3 units and, also, "Shift Register" was added as an additional item beginning with CR-6 and continuing through CR-12 and QR-2.

*What  
Problem?*

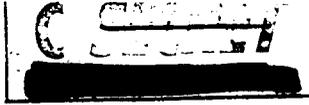
[Redacted]

GROUP 1  
Excluded from automatic  
downgrading and  
declassification

Declassified and Released by the N R C

in Accordance with E. O. 12958

NOV 26 1997



5. The J-3 PERT chart was updated in accordance with the 1 May revision supplied by AP. The path for the STV programmer and the slope and V/H programmer were changed from feeding QR-2 vibration test to feeding CR-1 flight readiness. According to [redacted] these programmers have not qualified as individual components. Unqualified programmers will be mounted in QR-2 for the vibration test and the individual programmer component qualifications will be completed at a later date, but before the first CR-1 flight. The end event (CR-1 flight readiness) has moved up to 22 July 1967.

6. Work to display the J-3 Line of Balance is under way.

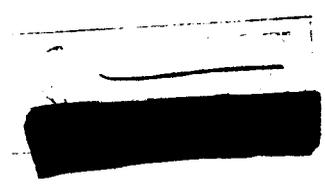
7. The J-3 budget charts are out of date and will hopefully be corrected next week.

8. [redacted] called, 1 June, to say that SOC is pushing for an 18-20 June CORONA flight. If this flight is scheduled, a J-1 system will be flown and the over-all schedule will be adjusted to maintain a J-1 flight between CR-1 and CR-2.

*Want we scheduled for June 17 or 18? (w) extra one?*

9. [redacted] informs that preliminary reports on the battery temperature tests at GE indicate that the batteries meet specification value with enough safety margin to alleviate the necessity for any redundancy in the wiring. The specifications call for 10 volts and 16.8 amps at 50° F. The batteries were cold soaked for 30 hours, then a .3 amp current was allowed to flow for eight minutes, after which the normal operating pulse was applied and the measurements were made. The following table reflects the measured readings on the first six sections:

Temperature	Section	Volts	Amperes
20° F	1	10	16.8
20° F	2	10.3	17.75
10° F	1	9.35	15.9
10° F	2	9.45	15.8
10° F	3	8.67	14.55
10° F	4	8.65	15.4



Forecast Activities:

1. [REDACTED] will attend the 1041 PET meeting at NPIC on 6-7 June.

2. [REDACTED] will buy off CR-3 SRV 808 at GE on 8 June.

3. [REDACTED] scheduled to depart evening of 7 June for AP. [REDACTED] will accompany [REDACTED] to VAFB, 9-12 June, and return to AP for 1042 operation, 13-16 June.

4. CR-3 Instruments 306/307 scheduled for buy off, 15-16 June.

5. The following CORONA meetings are scheduled during the next two weeks:

8 June - [REDACTED] will discuss budget matters at Headquarters.

8 June - Information exchange meeting on J-3 System Analysis will be conducted at AP. This meeting is being set up between ITEK and LMSC to discuss the configuration and method for analyzing TM for the first five CR flights. D&AD is involved in planning the over-all analytical effort.

14 June - A meeting will be held at AP to discuss the solution and effect of the 400 cycle inverter distortion problem.

[REDACTED]

[REDACTED]