

~~C TOP SECRET~~

14 00327 630

Copy No. [REDACTED]

23 June 1967

MEMORANDUM TO HEADQUARTERS

TO: [REDACTED]

INFO: [REDACTED]

FROM: [REDACTED]

SUBJECT: Program Managers' Meeting - 20 June 1967

1. The CORONA Payload Program Managers' Meeting was convened at 0900 on 20 June 1967. In attendance were Messrs. [REDACTED] and [REDACTED] of [REDACTED] of [REDACTED] and [REDACTED] from [REDACTED] Contractor; and [REDACTED] and [REDACTED] from the Resident Office.

2. [REDACTED] and each of the Associate Contractors' gave a report on the status of their areas of responsibilities. The major items that were discussed during this meeting were as follows:

a. Camera power supply tests are currently being conducted at [REDACTED] the preliminary results of which are very encouraging. The modifications currently being evaluated include the addition of various values of inductance to reduce the leading edge slope of the current wave form.

A system compatibility test (CR-1 and Agena) has been scheduled for around the 12th of July. The purpose of this test will be to evaluate two different modifications, to the camera power supply, either of which may be selected for incorporation.

This additional testing has necessitated the slipping of the CR-1 flight to not earlier than 10 August.

b. [REDACTED] has run low temperature test on the VJ battery (J-3); at the low temperature (10°F) the available current was below spec, however, the current was sufficient to fire all squibs. Additionally, it was noted that some electrolyte discharge through the vent holes, however, this was attributed to a quality control problem in manufacturing. In addition to maintaining closer Q.C. during manufacturing, the vent will be covered with an absorbent seal for flight.

Declassified and Released by the N R C

In Accordance with E. O. 12958

on NOV 26 1997

~~C TOP SECRET~~

~~C-TOP-SECRET~~

- 2 -

c. The compatibility between the "Automatic Data Block Reader" and the SLP Data Block is currently being evaluated (see [REDACTED]).

d. CR-3 has experienced considerable problems with the scan resolution (high contrast). The problem has been diagnosed as relative motion between the scan head and the film due to film buckle in the rail area. This problem occurs on all J-1 and J-3 systems but had not been noticed previously because standard resolution testing had been accomplished with a narrow test slit which masked the problem. On CR-3 we have initiated reso testing with flight type slits and filters, and the effect was a loss of approximately 40 l/mm in high contrast scan resolution readings. Low contrast resolution is not nearly so severely affected with losses of 5-10 l/mm. The problem is of course magnified when UTB is used. The corrective action for J-3 is to raise the eight drum rollers which precede the scan head. CR-1 and CR-2 will be modified accordingly in the field. This fix should aid in providing film flatness in the slit area. The only corrective action possible with J-1 is use of a faster film. The project office is planning a full flight load of SO 230 on a J-1 system if the CR-2 test with SO 230 is successful.

e. [REDACTED] of [REDACTED] stated that a review of the J-1 camera spares at [REDACTED] revealed that 45 percent of the items were either out of "shelf life" or need modifying. Consequently, [REDACTED] has the action to present a spares proposal to this office by the next Managers' Meeting. The proposal shall include lists of salvagable spares and parts recommended for scrap. Additionally, [REDACTED] will be prepared to discuss special packaging of the expensive parts to guarantee a minimum of two years shelf-life.

f. All managers will be prepared to discuss the readiness of CR-1 for flight, any items which could delay or interfere with the CR-1 flight, etc. Representatives from Headquarters and [REDACTED] will be invited to participate in this portion of the next Managers' Meeting.

g. Component and subsystem qualification status was discussed and all appears to be progressing satisfactorily.

All associates will copy [REDACTED] on all qualification reports.

h. The camera drum rotation during vibration was discussed; [REDACTED] and [REDACTED] were given action to review the significance and present recommendations on this question during the next Managers' Meeting.

i. The following delivery schedule options were presented by [REDACTED]

~~C-TOP-SECRET~~

<u>System</u>	<u>Without Overtime</u>	<u>With Overtime</u>
CR-4	22 September 1967	1 September 1967
CR-5	27 October 1967	29 September 1967

[redacted] was given action to review and comment on impact on [redacted] schedule.

j. The J-3 split-load supply spools are being loaded with approximately 5 pounds of additional film. Consequently, [redacted] and [redacted] are to review and comment on advisability of flying this additional film rather than off-spooling prior to flight.

3. The next Program Managers' Meeting is scheduled for 19 July 1967.

[redacted]
[redacted]