~~TOP SECRET~~ C [redacted] COPY [redacted] cy - [redacted]

14 000668630

12 May 1967

MEMORANDUM TO HEADQUARTERS

TO: [redacted]

INFO: [redacted]

FROM: [redacted]

SUBJECT: WEEKLY ACTIVITY REPORT

REFERENCE: [redacted]

1. The reference message reported the planned travel of the Resident Office Staff for the period 15 May to 26 May 1967. This memorandum will highlight the activity of the staff for the period 8 to 12 May 1967.

2. Activities for the week of 8 May 1967.

Monday - 8 May

A Staff Meeting was held to discuss the following subjects:

1. The provisions for the Compatibility Test of the QR-2 and the Agena to be commenced on the 9th of May.

2. The cleanliness of the systems. The preliminary results of the Webb/[redacted] visits were discussed. In general, Webb and [redacted] found that the cleanliness at AP was adequate but that it is desirable to clean up the critical areas in Boston. It was determined that the best control of cleanliness would be to maintain a high degree of discipline in those areas where cleanliness is essential.

3. The status of DISIC was reviewed.

4. We were informed by [redacted] that encoders would not be provided to AP by the 14th of May, and hence, CR-2 would fly without encoders but CR-5 would incorporate the encoders intended for CR-2. Thus the 3 systems which will have in-flight calibration capability are CR-3, 4, and 5.

5. A status of the redundant lines for the redundant SRV

battery heaters was reviewed. It is apparent that there are several solutions that can be accomplished. Some involve reassignment of connectors for the two additional wires required. These connectors could come from temperature sensors which will not be required in the operational mode. An analysis is now being performed to see if, in fact, truly redundant battery heaters are required. In other words, it appears that, with only the take-up heaters operating in the bucket, the temperature would be at least 20 degrees Fahrenheit. The battery heaters demonstrated by tests that they are capable of operating satisfactorily at 30 degrees Fahrenheit. Additional tests on the batteries would have to be accomplished at 20 degrees Fahrenheit. If these tests are successful, then there should be no need for having redundant wires to the redundant battery heaters because this would assume a dual random failure (both battery and take-up heaters inoperative). Additional temperature data is needed from [redacted] prior to any decision.

6. A discussion of the Tech-ord offer to furnish 50 hermetically sealed reefing line cutters for qualification was made. It was determined that if these reefing line cutters were compatible with the parachute, a qual program should be conducted at [redacted] to certify these cutters. One of the primary advantages of the Tech-ord cutters, if qualifiable, is that they would have a two year shelf life compared to the one year shelf life compared to the present Atlas cutters. In the long run, this would mean a savings to the Program.

[redacted] at [redacted] for R-1 Meeting.

Tuesday - 9 May

Resident Office conducted normal operations. Mission 1041 was launched into an orbit which was well beyond the 3 sigma for the system. As a consequence, special operational measures have had to be taken to assure atleast a 50% return of intelligence material.

Wednesday - 10 May

Most of this day was spent in meetings relative to Mission 1041, to determine what is the best way to manipulate the mission in order to achieve the maximum useable intelligence take.

The ascent phase of the Agena/payload compatibility test was successfully completed. The machanical interface was successfully achieved. The next test to be run is the on-orbit operational of Agena/payload.

Thursday - 11 May

Considerable effort was put in on the best manipulation of the H timer tape for the current mission. Much coordination was required among [redacted] and [redacted] personnel.

The Compatibility Test on-orbit of Agena/payload continued. The payload had a failsafe, reason unknown at this time. The payload was returned to AP for further checking. The test set-up at Sunnyvale was to be checked out to insure proper inputs were being provided to the payload. The tests at AP of QR-2 alone indicated no problem and the payload was returned to Sunnyvale for further conduct of the Agena compatibility tests. The main anamoly noted was distortion and overload of the 400 cycle power supply. The payload operated satisfactory, however, there is no certainty that it would continue to do so for the length ofa mission. The payload 400 cycle power is out of specification. Ap is conducting tests on CR-2 with modification of some of the AC circuits. A clearer vision of the problem should be available in about two days.

Friday - 12 May

Resident Office conducted normal operations. Mission 1041 continues.

3. Future activities and comments.

1. Program Managers' Meeting at AP on 17 May. It was requested that the Program Managers, particularly AP, to report specifically on the status of the J-3 Qual and Flight Programs, outlining any major problems.

2. [redacted] and [redacted] to visit AP on 15 May for orientation tour.

[redacted]