~~TOP SECRET~~ C [redacted]

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31 May 1967
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cy [redacted]

[redacted]

MEMORANDUM TO HEADQUARTERS

TO: [redacted]

INFO: [redacted]

FROM: [redacted]

SUBJECT: MONTHLY ACTIVITY REPORT

2 May 1967

Received CR-2 camera system at AP

3 May 1967

A meeting was held between the Resident Office and [redacted] to discuss the command generation procedures for the 32 bit shift register. The problem of whether to use [redacted] r the STC computers remains open for further discussion.

4 May 1967

Webb from [redacted] and [redacted] from [redacted] inspected and reviewed AP's clean room procedures. Recommendations included better clean room discipline and possibly improving [redacted] ETL facilities from a cleanliness view.

9 May 1967

Mission 1041 was launched; but due to a defective velocity meter, the second stage operated to burnout, causing the vehicle to go into an orbit well beyond the 3 sigma for the system.

10 May 1967

Meetings were held at [redacted] and [redacted] to determine the best operating procedures to obtain maximum intelligence from Mission 1041.

Declassified and Released by the N R O

In Accordance with E. O. 12958

on NOV 26 1997

The ascent phase of the Agena/J-3 payload compatibility test was successfully completed as was the mechanical interface.

11 May 1967

Operating procedures for the errant Mission 1041 have been worked out and are being put into effect.

The main anamoly noted in the on-orbit Agena/J-3 (QR-2) compatibility test was distortion and possibly overload of the 400 cycle power supply. The cameras functioned smoothly, however, completely filling both SRV's. An investigation is underway to determine corrective action for the anamoly.

15 May 1967

Further effort was expended to determine the cause of the 400 cycle overload and distortion problem.

[redacted] and [redacted] of [redacted] at AP for payload orientation and plant tour.

Mission 1041-1 bucket recovered successfully.

17 May 1967

The Program Manager's Meeting was held at AP. Major items discussed included:

1. The only problem resulting from the Agena/J-3 payload compatibility test was the problem of the voltage and current distortion of the 400 cycle power supply. Several lines of attack are being pursued by the concerned contractors to determine corrective action. [redacted] is modifying the electronics to insert resistors in the camera 400 cycle circuits and [redacted] as their inverter vendor running tests to determine the effects of the distorted voltage on the inverter and the possibility of using redundant inverters.

2. The redundant battery heater wires for the SRV would not be necessary if testing discloses that the batteries could operate to the worst case condition of 10°F.

3. The May First PERT data indicates an on-schedule condition. This did not include the 400 cycle inverter problem; if this anamoly can be readily corrected by about 15 June there should be no impact on the CR-1 July flight schedule.

4. All camera and SRV sub system qualification tests have been successfully completed. Remaining to be done are qual tests of the slope and exposure control programmer, the pressure make up unit and the payload system using QR-2.

23 May 1967

Mission 1041-2 bucket successfully recovered.

24 May 1967

QR-2 successfully passed optical tests on "J-3" optical block.

[redacted]

[redacted]