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CORONA J

FLIGHT REPORT

MISSION 1032

AGENA-1625/CAMERA SYSTEM J-28

Prepared By: [REDACTED]

Reviewed By: [REDACTED]

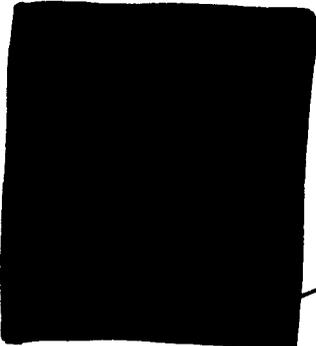
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Manager  
Operations & Analysis

Approved By: [REDACTED]

Manager  
Advanced Project

Distribution:



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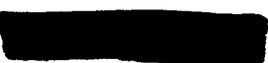


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1.0 INTRODUCTION

Mission 1032 consisted of an improved THOR Booster (S/N 465), an S01-B Agena FTV 1625 and standard Dual Recovery Reconnaissance camera system J-28. This mission was launched from Vandenberg Air Force Base on May 3, 1966 at 1225 PDT.

This mission was designated to fly forward in a cartographic configuration.

The A-SRV Blossom T/M was modified to radiate through ascent to evaluate signal strength and quality.

The flight was programmed for a five day A mission and a four day B mission.

2.0 SUMMARY

All ascent events up to THOR-AGENA separation were normal. At the separation command the separation primacord did not fire. The THOR retro rockets fired properly and Agena ignition occurred while still in the Booster adapter section. The vehicle(s) began to tumble shortly after Agena ignition. The Agena engine shut down early as a result of fuel starvation. Current monitors stepped from 29 amps to 75 amps and then to 100+ amps indicating severe electrical shorts. The Agena-payload failed to achieve orbit and the predicted impact point was near 20° north and approximately along track.

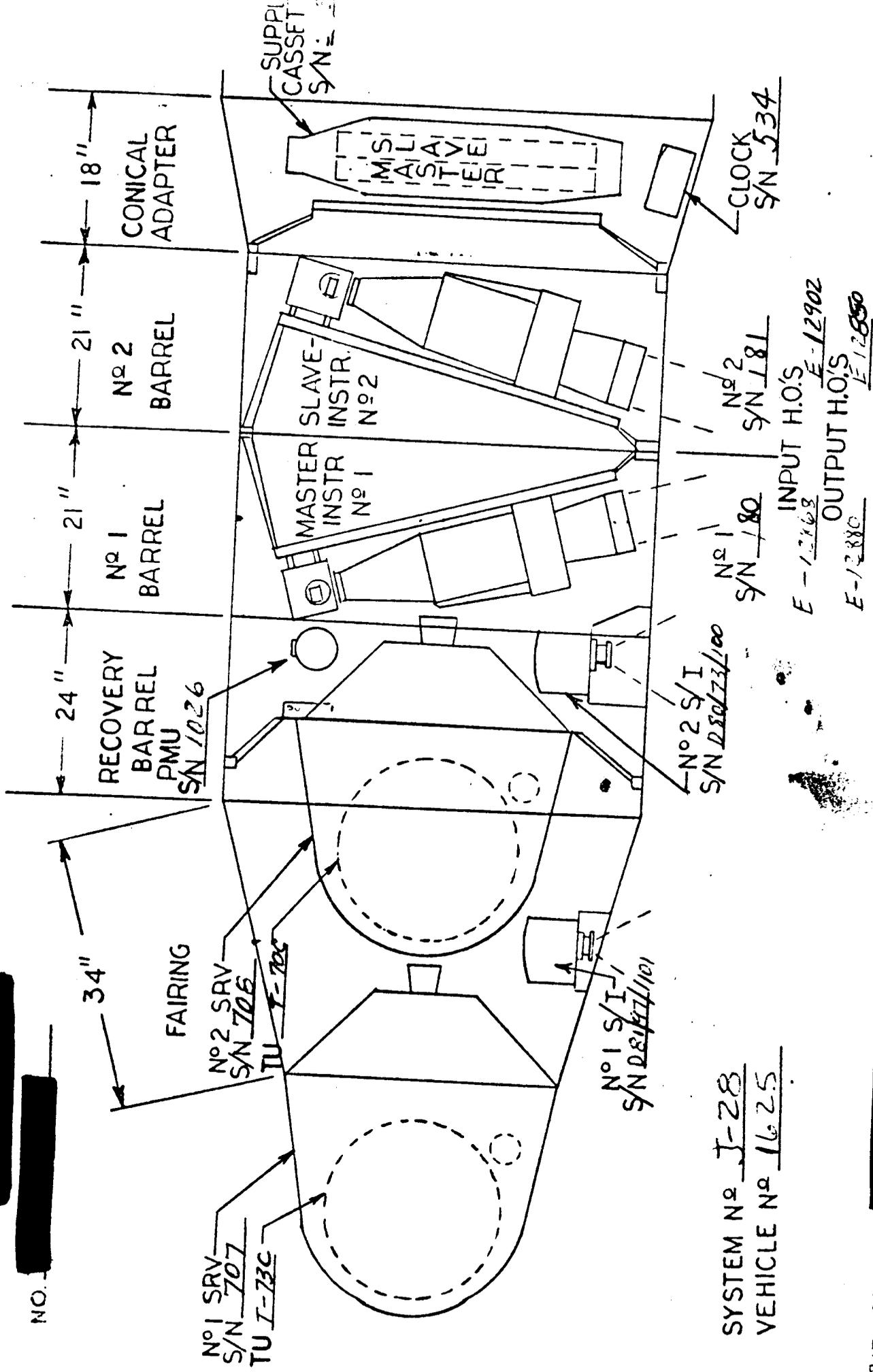
The major component serial numbers installed on J-28 are shown in Figure 1.

The Blossom T/M radiated and was received until horizon fade.

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# CORONA J PROFILE



SYSTEM No J-28  
 VEHICLE No 1625

FIGURE 1

[REDACTED]

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