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2131Z 26 JUNE 1959

ROUTING	
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3	6

XXXXXXXXXXXXXXXXXXXX
14 00074370

DIRECTOR

OPS (1)

S/C (2)

DAP

~~OPERATIONAL LIMITATIONS~~
~~OPERATIONAL LIMITATIONS~~

TOP: 2206Z 26 JUNE 59 This document contains information

referring to Project CORONA

PRESENT INFORMATION ON YESTERDAY'S LAUNCH AS FOLLOWS:

LAUNCH AT 1547:45 PDT WAS WITHOUT INCIDENT. MAIN ENGINE CUT OUT AT 15.85 SECONDS AFTER LAUNCH; HOWEVER, LOWER THAN NOMINAL TRAJECTORY RECORDED BY MOD II RADAR. DEPARTURE AZIMUTH APPROXIMATELY 4 DEGREES WEST OF 275 DEGREES NOMINAL. ALSO TRAJECTORY REQUIRED EARLIER THAN NOMINAL SECOND STAGE IGNITION WHICH WAS PROPERLY COMMANDED AND OBTAINED. LAUNCH TRACKING OPERATIONS GENERALLY SATISFACTORY. TELEMETRY RECEIVED AT [REDACTED] AND TELEMETERY SHIP TO 573 SECONDS FROM LAUNCH. TELEMETERY WAS NOISY BUT IT IS BELIEVED SUFFICIENT DATA WILL BE AVAILABLE FOR COMPLETE ANALYSIS.

RESULTS OF COMPUTER PREDICTIONS INDICATE ABILITY TO ACHIEVE ORBIT WAS EXTREMELY MARGINAL. A REDUCTION IN VELOCITY OF ONLY 30 FEET PER SECOND WOULD BE SUFFICIENT TO PRECLUDE ORBITAL ATTAINMENT. ORBITAL TRACKING WAS CONDUCTED ON PASSES ONE AND TWO BUT NO ACQUISITION. DUE TO THIS FAILURE TO ACQUIRE AND THE MARGINAL

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Declassified and Released by the NRO

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In Accordance with E. O. 12958

on NOV 26 1997

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NATURE OF COMPUTED ORBITAL ELEMENTS, IT IS BELIEVED ORBIT WAS NOT ACHIEVED. HOWEVER, TRACKING WAS CONTINUED OVERNIGHT AS A BACKUP. TELEMETRY DATA WILL BE REDUCED AS SOON AS RECEIVED. THE LIMITED TELEMETRY DATA NOW AVAILABLE INDICATES NO SIGNIFICANT MALFUNCTION OCCURRED.

OFFICIAL 8 HOUR REPORT BEING FORWARDED AIRMAIL THIS DATE.
END PASS TO MR B.

END OF MESSAGE

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