

~~SECRET~~



[REDACTED]

25 September 1964

To: [REDACTED]

From: [REDACTED]

Subject: CAUSE OF APPARENT YAW IN MISSION 9066A STELLAR DATA

Preliminary reduction of stellar imagery indicated that the vehicle had a large initial yaw (over 15 degrees) and a yaw rate of about 3 degrees/day, as shown by the attached graph. This preliminary data was produced by methods accurate to about one degree.

The apparent yaw rate is the result of failure to account for rotation of the orbital plane which in this case was about 3 degrees/day. With this error alone the graph should show a zero initial value and increasing apparent yaw of 3 degrees/day. The apparent initial yaw of more than 15 degrees was the result of a mis-interpretation of correct data supplied by A/P. Thus the preliminary analysis of Mission 9066A indicates normal yaw performance.

[REDACTED]

Planning & Evaluation Staff

Declassified and Released by the N R O

In Accordance with E. O. 12958

on NOV 26 1997

Approved: [REDACTED]

[REDACTED]

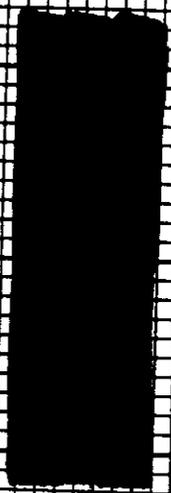
[REDACTED]

Enc.

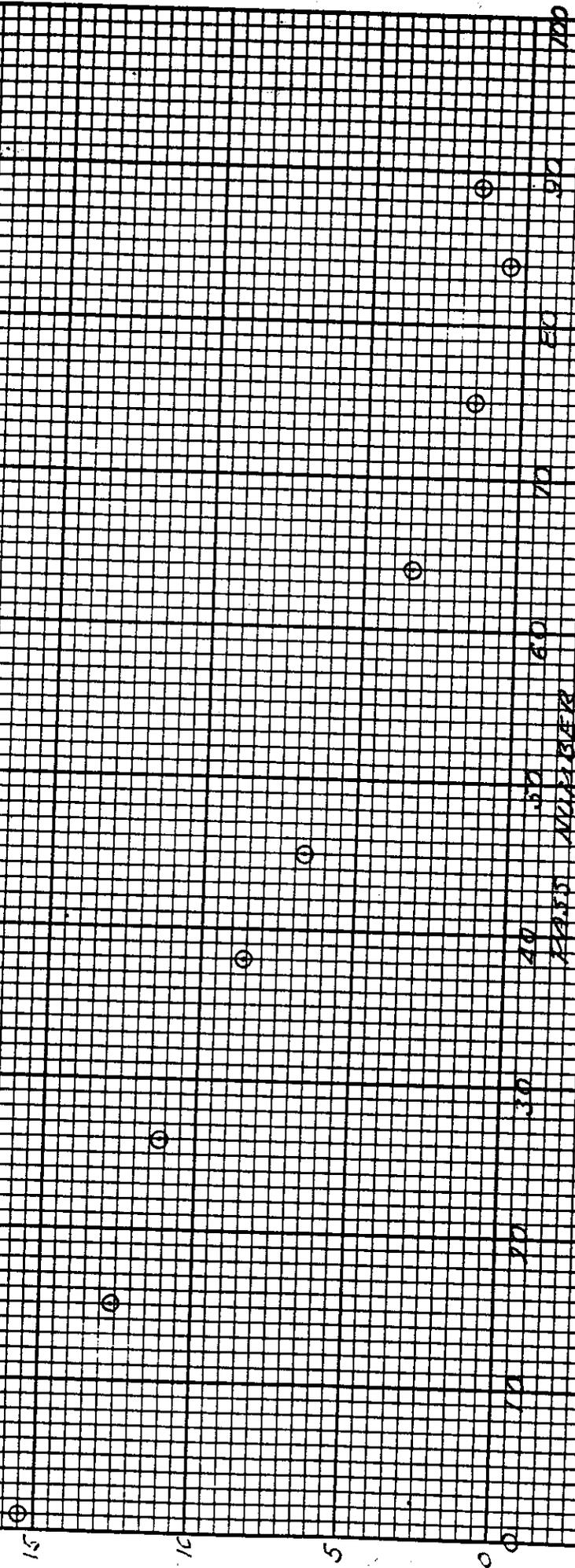
[REDACTED]

UAW

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APPROXIMATE YAW = VEHICLE 18003
MILITARY WAGON SYSTEM 4.22



AQUADES
MADE IN USA

APPROXIMATE YAW