

GEORGE C. MARSHALL SPACE FLIGHT CENTER
HUNTSVILLE, ALABAMA

Memorandum

TO : See Addressees

DATE: October 19, 1966

FROM : Chief, Guidance and Control Systems
Analysis Branch, R-ASTR-NG

In reply refer to:
R-ASTR-NG-148-66
DRScott/vjd/876-4595

SUBJECT : Control Computer servo amplifier null tolerances for system testing

1. Reference is made to the following:

a. "Control System Information for AS-203", R-ASTR-NG-74-66, 19 May 1966.

b. "Control System Information for AS-501 and 502", R-ASTR-NG-96-66, 13 September 1966.

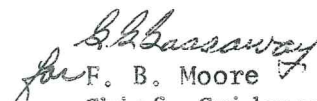
2. The null tolerance of 0.6 and 0.7 ma on the 12 and 50 ma servo amps respectively are component tolerances and should not be adhered to for system testing. For system testing the null tolerance on the 12 and 50 ma servo amps shall be 1.2 and 2 ma respectively.

3. This system null tolerance is required because of the many servo amps that do not meet the tolerances now specified in the referenced memorandums during system testing.

4. This system test tolerance for the servo amps should not alter red line data.


S. M. Seltzer

Approval:


for F. B. Moore
Chief, Guidance and Control Division

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cc:

R-ASTR-NG, Branch file/Record file
R-ASTR-X, Reference file