

Record file

GEORGE C. MARSHALL SPACE FLIGHT CENTER
HUNTSVILLE, ALABAMA

Memorandum

TO : Mr. O. M. Hardage, R-AERO-FM

DATE : August 23, 1967

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

In reply refer to:
R-ASTR-NG-64-67
CMcMahan/FHopkins/1w/876-2634

SUBJECT : Saturn IB Flight Program presettings

1. This memorandum is to record agreements made by telephone regarding the presettings of average S-IVB thrust and mass flow rate for Saturn IB flight programs,

2. By mutual agreement between personnel at R-AERO-FMR, R-ASTR-NG, and IBM, the first S-IVB thrust and mass flow averages shall be nominal values taken between S-IVB 90% thrust time and T_{1i} nominal EMR shift time. The second S-IVB averages shall be nominal and shall be taken between T_{1i} and S-IVB cutoff. It was also agreed that the S-IVB initial mass presetting shall not include the dead weight items which are jettisoned early in the S-IVB burn (LES Tower, Ullage Rocket Cases, etc.).

Melvin Brooks
M. Brooks

SAT IB

Approval:

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

cc:
R-AERO-FMR, J. Crafts/G. Solomon
R-ASTR-N, Mr. Moore
R-ASTR-NG, Mr. McMahan
R-ASTR-NG, Branch file/record copy
R-ASTR-X, Reference file