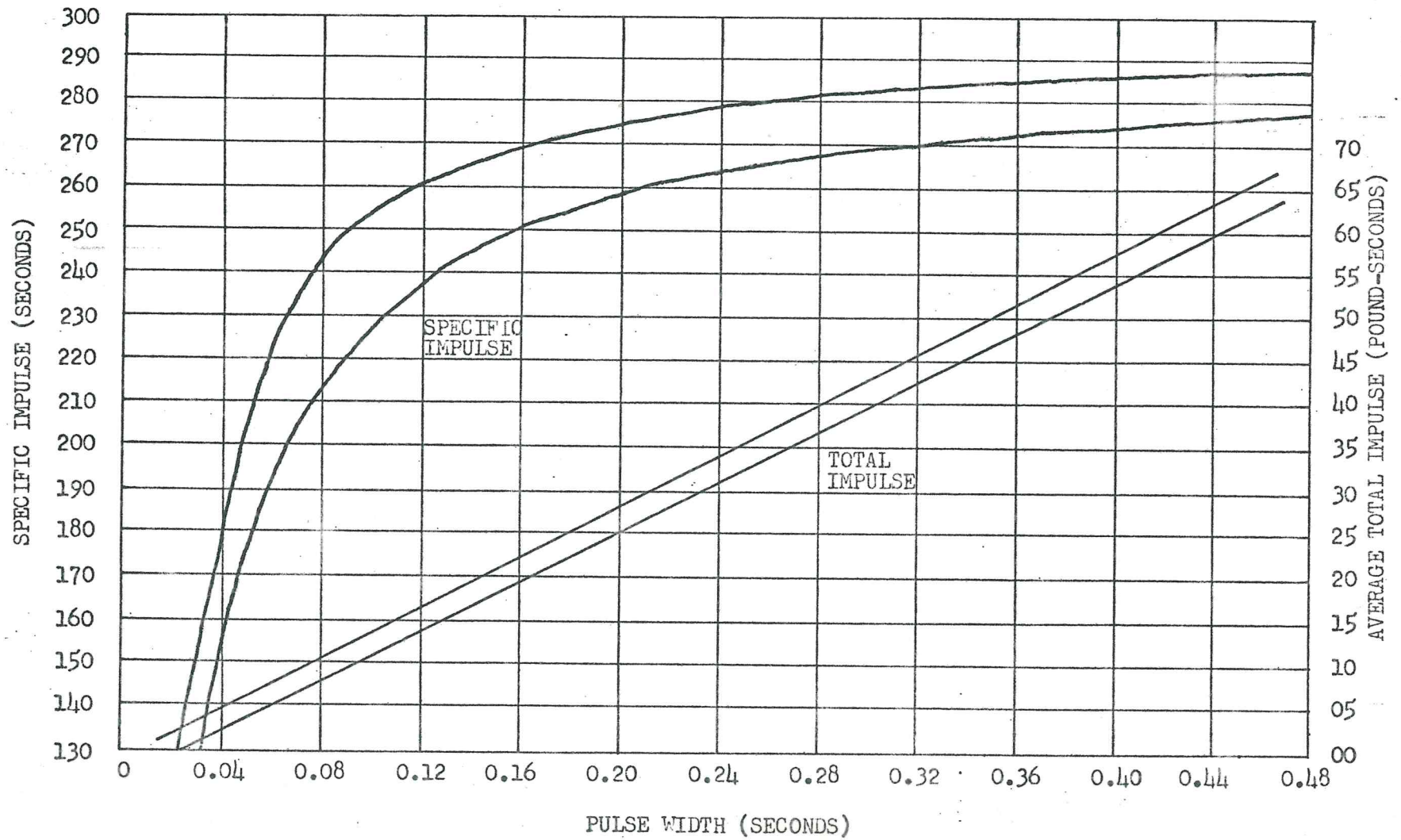


FIGURE 1
SINGLE PULSE PERFORMANCE

AVERAGE TOTAL IMPULSE, SPECIFIC IMPULSE VS PULSE WIDTH



R-ASTR-NG-21-65

SUBJECT Saturn IB and Saturn V, S-IVB Auxiliary Propulsion
System (APS) Attitude Control Engine Minimum On-time

DATE March 24, 1965

Copies to: Mr. Moore, R-ASTR-N
Mr. Gassaway, R-ASTR-N
Mr. Mack, R-ASTR-NG
Record copy, R-ASTR-NG ←
Mr. Caudle, R-ASTR-NF
Mr. Tutt, R-ASTR-NF
Mr. Alcott, R-ASTR-NF
Mr. Blanton, R-ASTR-NGI
W. B. Chubb, R-ASTR-NGD
Mr. Drawe, R-ASTR-NGA
Mr. Schultz, R-ASTR-NGA
Reference file, R-ASTR-X

Record copy (S-IVB stage)