

NAR OFFICIAL CERTIFICATION LABORATORY

MODEL ROCKET MOTOR TESTING REPORT

Manufacturer and Type: ESTES F26FJ

Effective Dates: NAR Certification: 4/10/05

Certified Total Impulse (N-Sec): 62.19 Delay Times: 6

Propellant Type: Black Max Propellant Mass (GM): 43.1

Casing Diameter (MM): 29 Casing Length (MM): 98

----- STATIC TEST DATA -----

Number Tested: 16

Casing Date Codes: None

Date Tested: 4/9/05

Test Temp (°c): 22

Elevation (FT): 20

Total Impulse (N-Sec): 62.19 std. deviation: 0.30

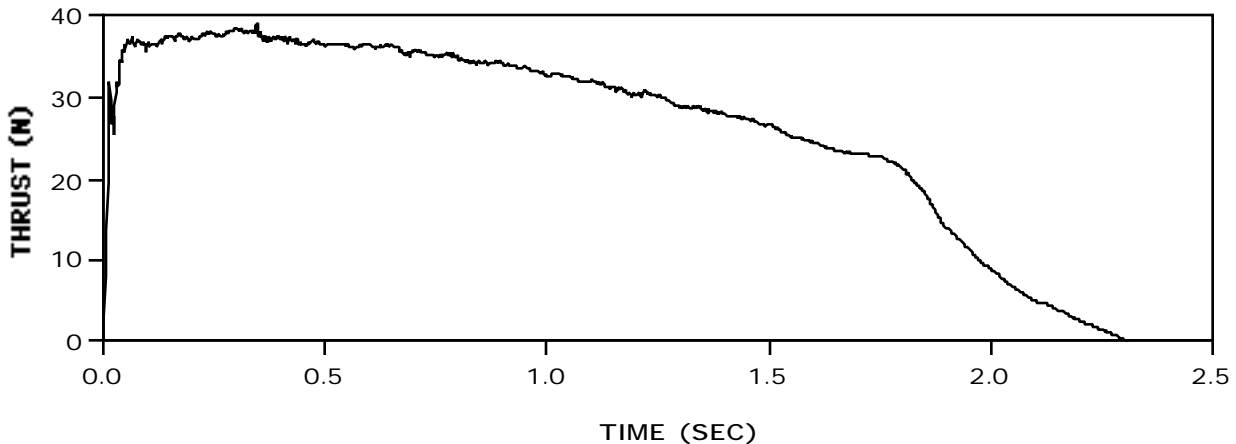
Peak Thrust (Newtons): 39.16 std. deviation: 0.75

Burn Time (Seconds): 2.31 std. deviation: 0.04

Casing Burnt Mass (GM): 43.4 Max Casing External Temp (°c): under 200

Delay Time (sec)	6	
Initial Mass (gm)	100.8	
Avg. Measured Delay	6.32	

Remarks:



*John Kane*  
NAR S&T Committee Chairman

