

NAR OFFICIAL CERTIFICATION LABORATORY

MODEL ROCKET ENGINE TESTING REPORT

Manufacturer and Type: AEROTECH E6T RC RELOADABLE

Effective Dates: NAR Certification: June 12, 1994 Contest Use: Sept 10, 1994

Certified Total Impulse (N-sec): 40.00 Delay Times: None

Propellant Type: Composite Propellant Mass (gm): 21.5

Casing Diameter (mm): 24 Casing Length (mm): 70

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

Number Tested: 11 Casing Date Codes: None

Date Tested: June 11, 1994 Test Temp (°c): 22 Elevation (ft): 200

Total Impulse (N-sec): 37.50 std. deviation: 0.75

Peak Thrust (newtons): 11.90 std. deviation: 0.82

Burn Time (seconds): 7.12 std. deviation: 0.15

Casing Burnt Mass (gm): 28.8 Max Casing External Temp (°c): under 200

Delay Time (sec)	None
Initial Mass (gm)	52.7
Avg. Measured Delay	None

Remarks: Uses AEROTECH RMS-RC 24/20-40 Reload System and AEROTECH E6T-RC Reload Kit. No substitutions allowed.

Typical Thrust - Time Curve:

