

CERTIFIED VALUES

Total Impulse: 5.0 newton-seconds
Delays: 0, 3, 5 seconds

Propellant Type: Black Powder
Propellant Mass: 6.0 grams

Casing Dimensions: 18 mm x 70 mm

Certification Date: Continuing
Contest Use Date: Continuing

Certification Type: Model Rocket

STATIC TEST DATA

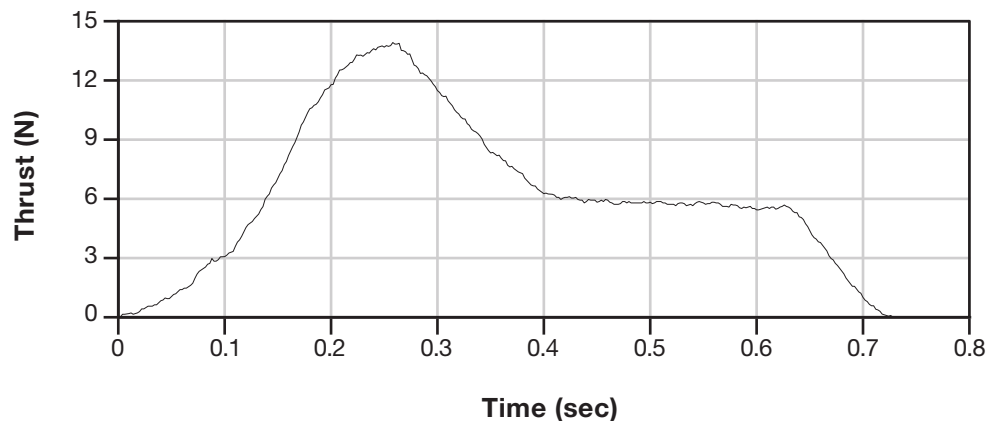
Date Tested: 94-December-4

Total Impulse: 4.61 newton-seconds (σ 0.31)
Peak Thrust: 13.92 newtons (σ 4.23)
Burn Time: 0.73 seconds (σ 0.06)
Average Thrust: 6.32 newtons

Mass After Firing: 11.1 grams

Delay Time	Average Measured Delay	Initial Mass	Mfg Recommended Max Liftoff Weight
0	0.00	16.0 g	113.4 g
3	3.94	17.1 g	113.4 g
5	5.85	19.3 g	113.4 g

TYPICAL THRUST-TIME CURVE



REMARKS