

FSI D18

CERTIFIED VALUES

Total Impulse: 12.5 newton-seconds
Delays: 0, 4, 6 seconds

Propellant Type: Black Powder
Propellant Mass: 16.1 grams

Casing Dimensions: 21 mm x 95 mm

Certification Date: Continuing
Contest Use Date: Continuing

Certification Type: Model Rocket

STATIC TEST DATA

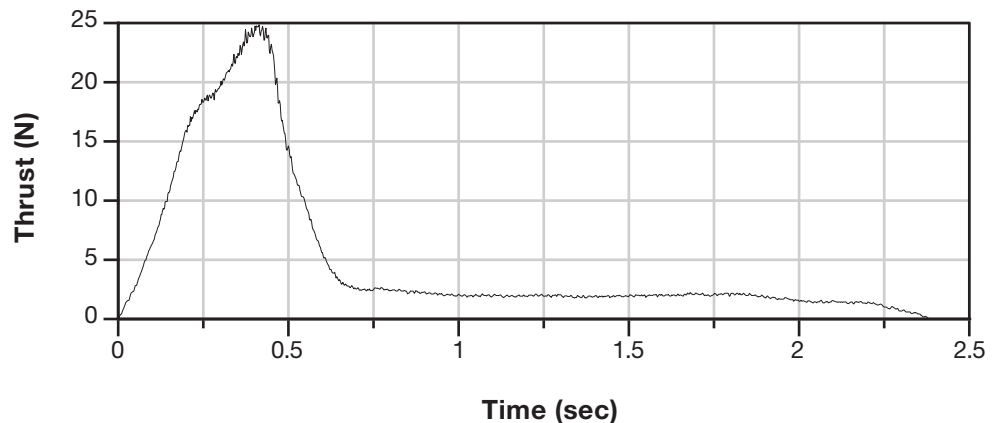
Date Tested: 95-April-22

Total Impulse: 11.94 newton-seconds (σ 0.66)
Peak Thrust: 24.85 newtons (σ 2.06)
Burn Time: 2.38 seconds (σ 0.19)
Average Thrust: 5.02 newtons

Mass After Firing: 24.9 grams

Delay Time	Average Measured Delay	Initial Mass	Mfg Recommended Max Liftoff Weight
0	0.00	41.4 g	175 g
4	4.91	44.0 g	175 g
6	5.55	44.9 g	175 g

TYPICAL THRUST-TIME CURVE



REMARKS