

CERTIFIED VALUES

Total Impulse: 55.0 newton-seconds
Delays: 4, 6 seconds

Propellant Type: Black Powder
Propellant Mass: 58.0 grams

Casing Dimensions: 27 mm x 152 mm

Certification Date: Continuing
Contest Use Date: Continuing

Certification Type: Model Rocket

STATIC TEST DATA

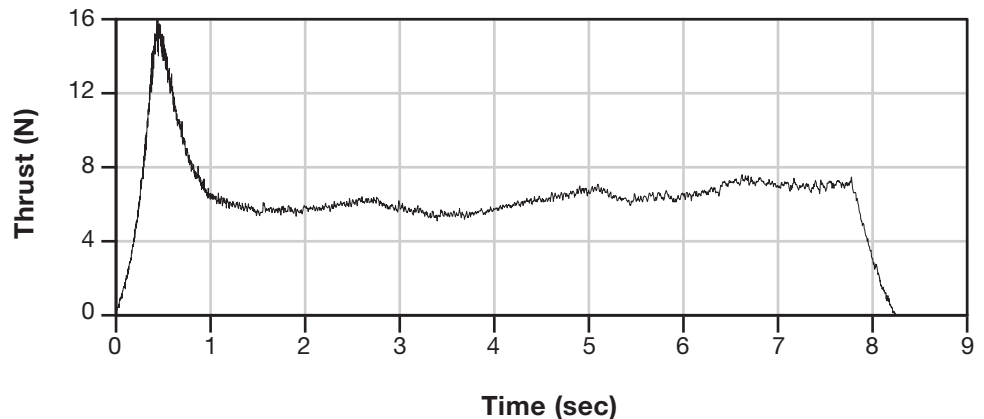
Date Tested: 95-April-22

Total Impulse: 52.32 newton-seconds (σ 0.80)
Peak Thrust: 16.08 newtons (σ 2.19)
Burn Time: 8.23 seconds (σ 0.39)
Average Thrust: 6.36 newtons

Mass After Firing: 55.0 grams

Delay Time	Average Measured Delay	Initial Mass	Mfg Recommended Max Liftoff Weight
4	3.55	123.8 g	200 g
6	7.19	126.1 g	200 g

TYPICAL THRUST-TIME CURVE



REMARKS