

QUEST D5

CERTIFIED VALUES

Total Impulse: 19.61 newton-seconds
Delays: Plug

Propellant Type: Black Powder
Propellant Mass: 25.0 g

Casing Dimensions: 20 mm x 88 mm

Certification Date: 07-August-12

Certification Type: Model Rocket

STATIC TEST DATA

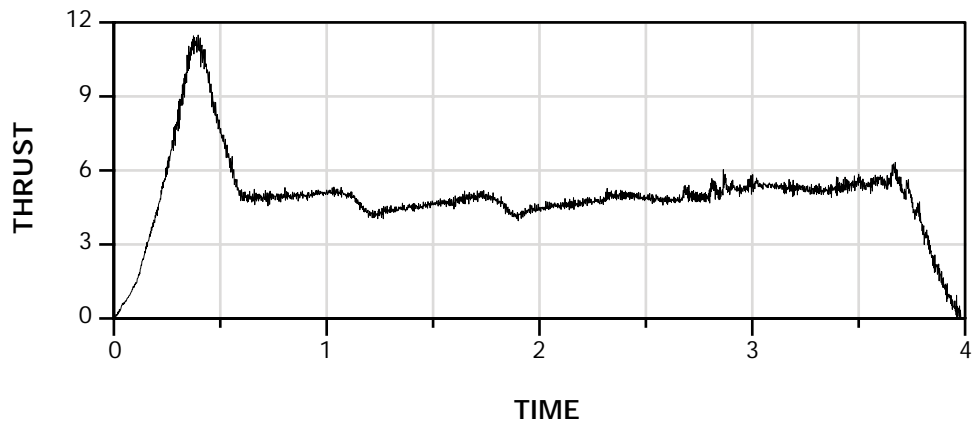
Date Tested: 07-August-11

Total Impulse: 19.61 newton-seconds (σ 0.23)
Peak Thrust: 11.49 newtons (σ 0.54)
Burn Time: 3.98 seconds (σ 0.08)
Average Thrust: 4.93 newtons

Mass After Firing: 13.3 grams

Delay Time	Average Measured Delay	Initial Mass	Mfg Recommended Max Liftoff Weight
P	None	38.4 g	

TYPICAL THRUST-TIME CURVE



REMARKS

