

QUEST C6-0

CERTIFIED VALUES

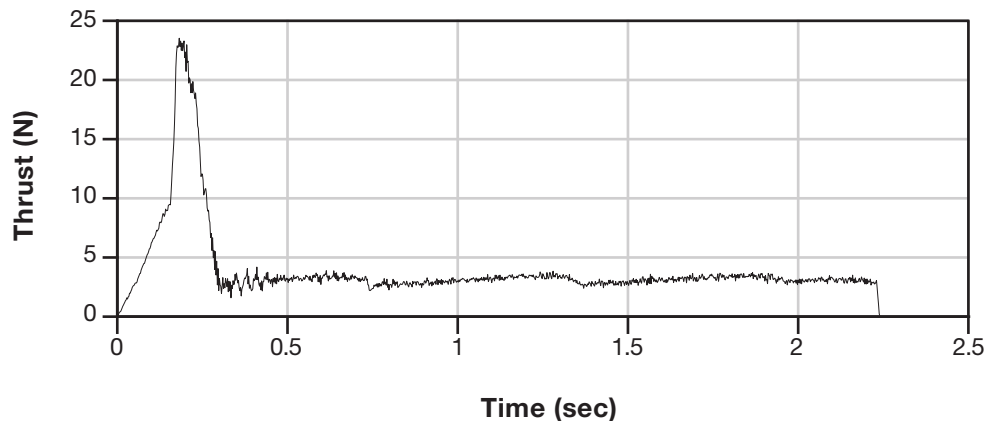
Total Impulse: 9.45 newton-seconds
Delays: 0 seconds
Propellant Type: Black Powder
Propellant Mass: 12.0 grams
Casing Dimensions: 18 mm × 70 mm
Certification Date: 99-February-22
Contest Use Date: 99-May-1
Certification Type: Model Rocket

STATIC TEST DATA

Date Tested: 99-February-21
Total Impulse: 8.85 newton-seconds (σ 0.21)
Peak Thrust: 23.30 newtons (σ 0.82)
Burn Time: 2.24 seconds (σ 0.04)
Average Thrust: 3.95 newtons
Mass After Firing: 8.3 grams

Delay Time	Average Measured Delay	Initial Mass	Mfg Recommended Max Liftoff Weight
0	0.00	21.6 g	113 g

TYPICAL THRUST-TIME CURVE



REMARKS