

QUEST A3T

CERTIFIED VALUES

Total Impulse: 1.71 newton-seconds
Delays: 2, 4

Propellant Type: Black Powder
Propellant Mass: 3.6 grams

Casing Dimensions: 13 mm x 55 mm

Certification Date: 09-Dec-14

Certification Type: Model Rocket

STATIC TEST DATA

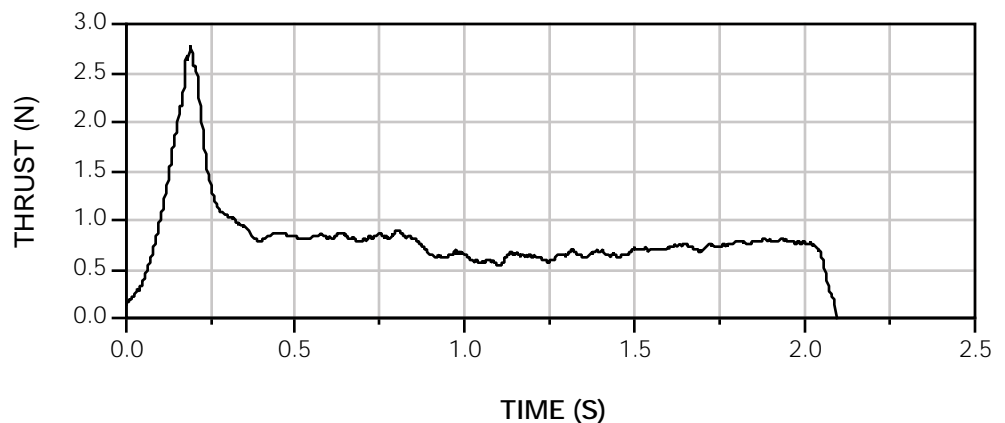
Date Tested: 09-Dec-13

Total Impulse: 1.71 newton-seconds (0.08)
Peak Thrust: 2.79 newtons (0.28)
Burn Time: 2.09 seconds (0.02)
Average Thrust: .82 newtons

Mass After Firing: 3.9 grams

Delay Time	Average Measured Delay	Initial Mass
2	1.83	8.0 g
4	3.60	8.6 g

TYPICAL THRUST-TIME CURVE



REMARKS

