

# QUEST C6-0

## CERTIFIED VALUES

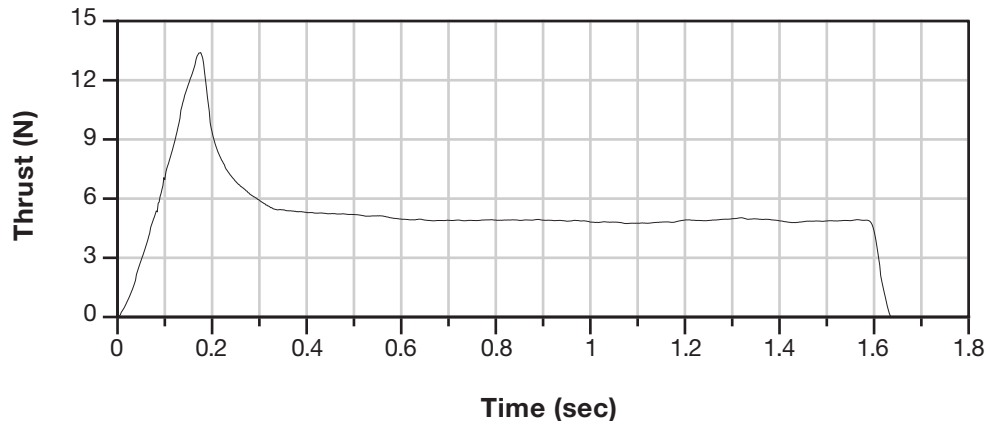
Total Impulse: 8.8 newton-seconds  
Delays: 0 seconds  
Propellant Type: Black Powder  
Propellant Mass: 11.0 grams  
Casing Dimensions: 18 mm x 70 mm  
Certification Date: 92-August-30  
Contest Use Date: 92-November-28  
Certification Type: Model Rocket

## STATIC TEST DATA

Date Tested: 92-August-29  
Total Impulse: 8.62 newton-seconds ( $\sigma$  0.14)  
Peak Thrust: 13.40 newtons ( $\sigma$  0.81)  
Burn Time: 1.63 seconds ( $\sigma$  0.01)  
Average Thrust: 5.29 newtons  
Mass After Firing: 9.1 grams

Delay Time	Average Measured Delay	Initial Mass	Mfg Recommended Max Liftoff Weight
0	0.00	20.4 g	113 g

## TYPICAL THRUST-TIME CURVE



## REMARKS

There are three data sheets for Quest C6 motors due to different certification dates and different tested values.