

# QUEST B6-2

## CERTIFIED VALUES

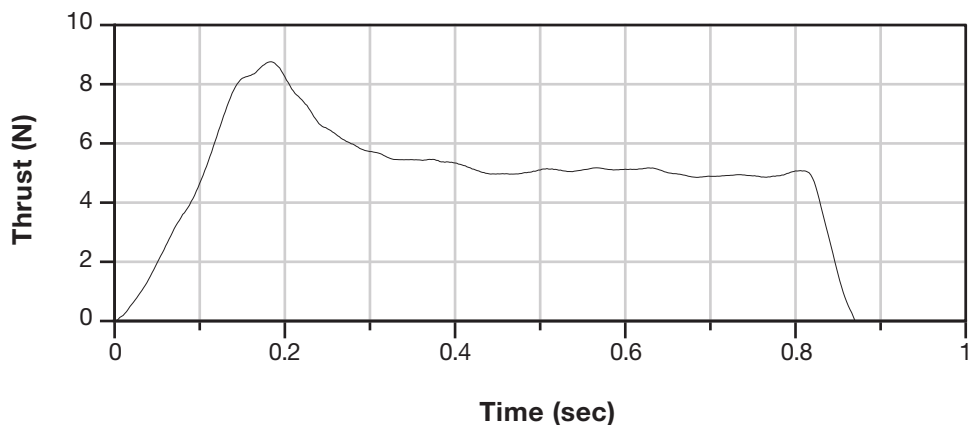
Total Impulse: 5.00 newton-seconds  
Delays: 2 seconds  
Propellant Type: Black Powder  
Propellant Mass: 6.5 grams  
Casing Dimensions: 18 mm x 70 mm  
Certification Date: 93-December-20  
Contest Use Date: 94-March-20  
Certification Type: Model Rocket

## STATIC TEST DATA

Date Tested: 93-December-19  
Total Impulse: 4.40 newton-seconds ( $\sigma$  0.22)  
Peak Thrust: 8.76 newtons ( $\sigma$  0.95)  
Burn Time: 0.87 seconds ( $\sigma$  0.03)  
Average Thrust: 5.06 newtons  
Mass After Firing: 9.7 grams

Delay Time	Average Measured Delay	Initial Mass	Mfg Recommended Max Liftoff Weight
2	2.36	18.8 g	113 g

## TYPICAL THRUST-TIME CURVE



## REMARKS

There are three data sheets for Quest B6 motors due to different certification dates and different tested values.