

# FSI A6

## CERTIFIED VALUES

Total Impulse: 2.35 newton-seconds  
Delays: 3, 5 seconds

Propellant Type: Black Powder  
Propellant Mass: 3.0 grams

Casing Dimensions: 18 mm x 70 mm

Certification Date: Continuing  
Contest Use Date: Continuing

Certification Type: Model Rocket

## STATIC TEST DATA

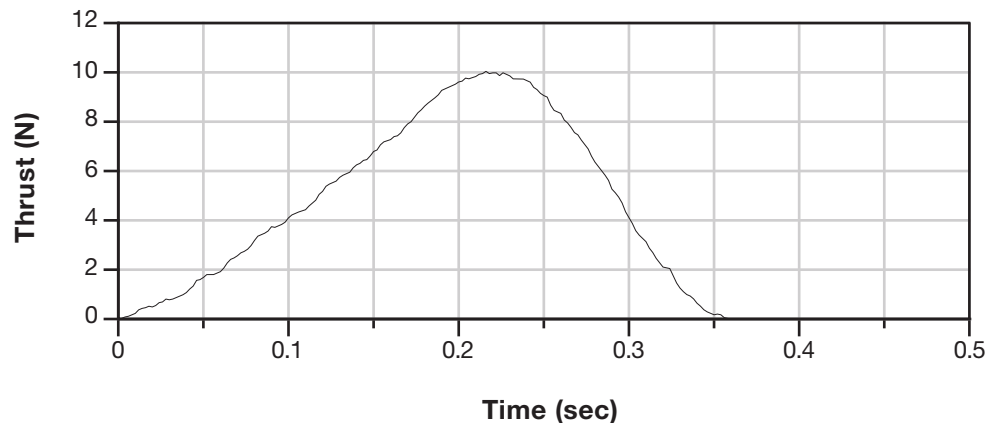
Date Tested: 94-December-4

Total Impulse: 1.78 newton-seconds ( $\sigma$  0.11)  
Peak Thrust: 10.04 newtons ( $\sigma$  1.17)  
Burn Time: 0.36 seconds ( $\sigma$  0.02)  
Average Thrust: 4.94 newtons

Mass After Firing: 10.8 grams

Delay Time	Average Measured Delay	Initial Mass	Mfg Recommended Max Liftoff Weight
3	3.50	14.8 g	113.4 g
5	5.75	15.6 g	113.4 g

## TYPICAL THRUST-TIME CURVE



## REMARKS