

AEROTECH G80

CERTIFIED VALUES

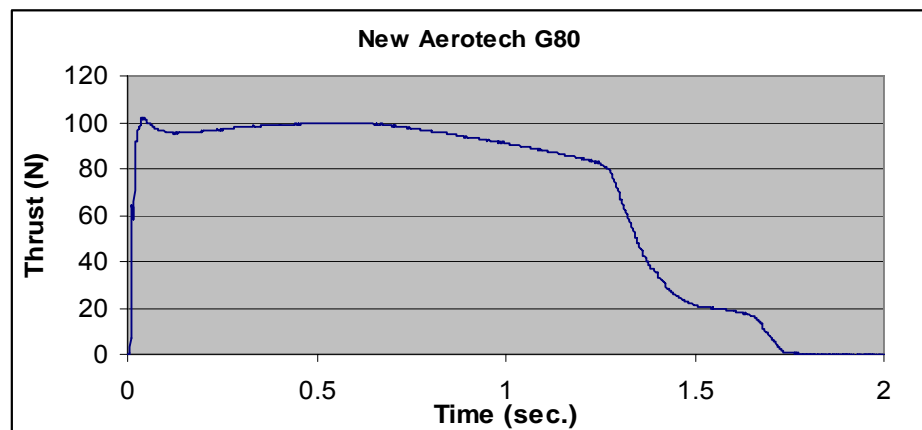
Total Impulse: 136.7 Newton-seconds
Delays: 7, 10, 13
Propellant Type: Blue Thunder
Propellant Mass: 62.5 grams
Casing Dimensions: 29mm × 128mm
Certification Date: November 28, 2007
Certification Type: Model Rocket Motor

STATIC TEST DATA

Date Tested: November 25, 2007
Total Impulse: 136.6 Newton-seconds (σ 3.1)
Peak Thrust: 108.5 Newtons (σ 7.4)
Burn Time: 1.70 seconds (σ 0.03)
Average Thrust: 77.6 Newtons (σ 2.1)
Mass After Firing: 59.3grams

Delay Time(sec.)	7	10	13
Average Measured Delay(sec.)	5.88	9.09	12.85
Initial Mass (gm.)	127.6	127.9	129.3

TYPICAL THRUST-TIME CURVE



REMARKS

Motor can be identified from previous versions of the Aerotech G80 by the thrust ring molded into the case.



