Manufacturer and Type: Aerotech I285R
Effective Dates: NAR Certification: 6/4/01 Contest Use: TBA
Certified Total Impulse (N-Sec): 420.00 Initial Mass (GM): 458.6
Propellant Type: Composite Propellant Mass (GM): 230.2
Casing Diameter (MM): 38 Casing Length (MM): 250

- - - - - - - - - - - - - - - - - - - - - - - - - - - STATIC TEST DATA - - - - - - - - - - - - - - - - - - - - - - - - - - -

Number Tested: 9 Casing Date Codes:
Date Tested: 6/3/01 Test Temp (°c): 23 Elevation (FT): 500
Total Impulse (N-Sec): 419.95 std. deviation: 1.71
Peak Thrust (Newtons): 379.61 std. deviation: 19.55
Burn Time (Seconds): 1.38 std. deviation: 0.01
Casing Burnt Mass (GM): 218.7 Max Casing External Temp (°c): under 200

Remarks: This reload uses the RMS-38/480 case and REDLINE propellant

Typical Thrust - Time Curve: