

# Tripoli Motor Testing

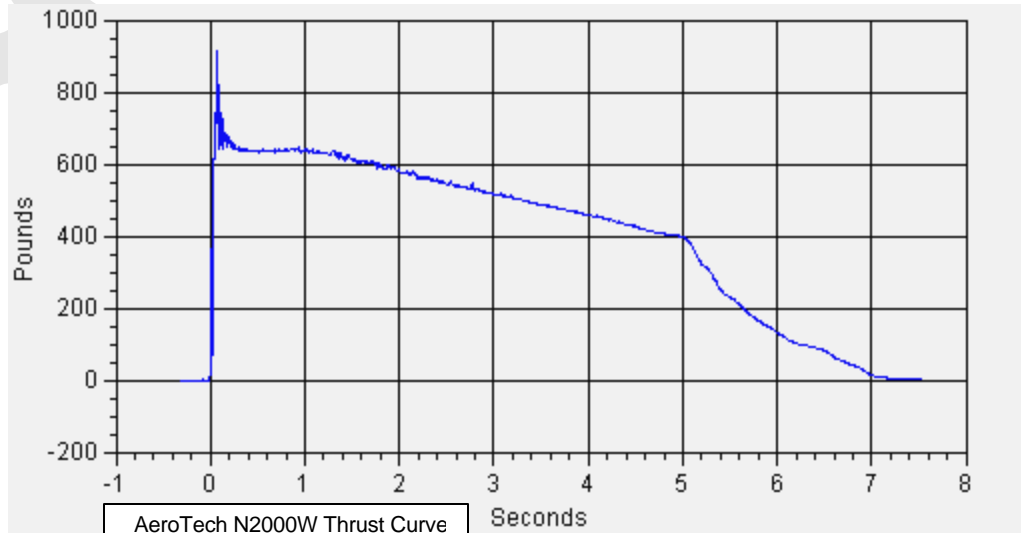
December 31, 1998

Gary Rosenfield  
 AeroTech, Inc.  
 1955 S. Palm Street, Suite 15  
 Las Vegas, NV 89104

Dear Mr. Rosenfield:

The AeroTech N2000W rocket motor was tested on 15 Feb 97 and is in compliance with NFPA 1125 and NFPA 1127. The motor is certified until 31 Dec 2001 for hobby rocketry use by the members of the Tripoli Rocketry Association and the National Association of Rocketry.

<b>Motor Manufacturer:</b>	AeroTech	<b>Test Date:</b>	02/15/97
<b>Motor Designation:</b>	N2000W-Plug	<b>Samples per Second:</b>	120
<b>TMT Metric Designation:</b>	N1936W-Plug (30% N)	<b>Burntime Evaluation (%):</b>	5
<b>SU Dimensions (in):</b>	3.875X41.2	<b>Calculated Burntime (s):</b>	6.9
<b>Metric Dimensions (mm):</b>	98X1046	<b>Total Impulse:</b>	2999.4#s (13347.1Ns)
<b>Propellant Weight:</b>	17.114# (7752.6g)	<b>Maximum Thrust:</b>	705.8# (3140.8N)
<b>Nozzle Throat Diameter (in):</b>	1.000	<b>Average Thrust:</b>	435.0# (1935.9N)
<b>Nozzle Exit Cone Diameter (in):</b>	1.750	<b>Specific Impulse:</b>	175.3
<b>Certified Until:</b>	12/31/01		



AeroTech N2000W Thrust Curve  
 Test Date: 15 Feb 97

Sincerely,

Sue McMurray  
 Tripoli Motor Testing Chair