

# Tripoli Motor Testing

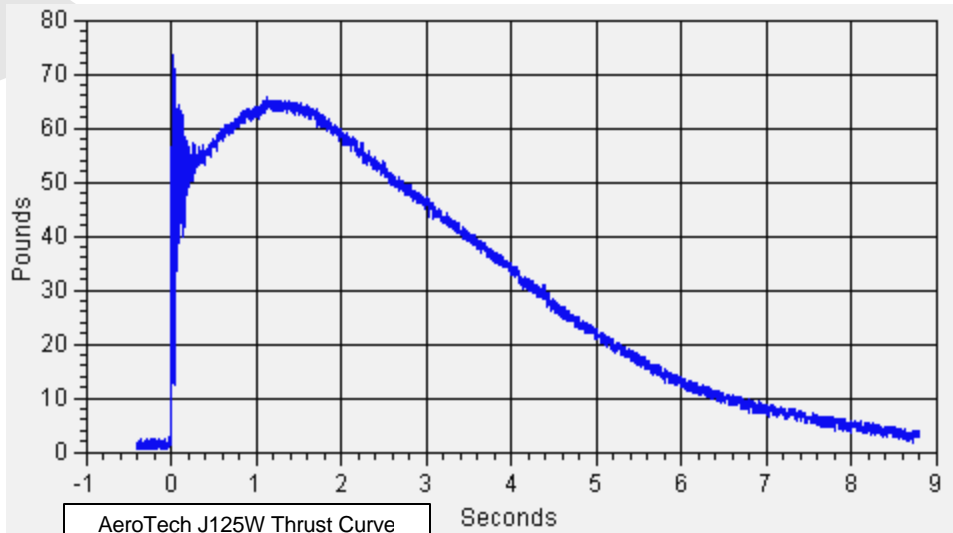
December 31, 1998

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

Dear Mr. Rosenfield:

The AeroTech J125W rocket motor was tested on 27 Jul 97 and is in compliance with NFPA 1125 and NFPA 1127. The motor is certified until 31 Dec 2000 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>	07/27/97
<b>Motor Designation:</b>	J125W-Plugged	<b>Samples per Second:</b>	480
<b>TMT Metric Designation:</b>	J156W-Plug (88% J)	<b>Burntime Evaluation (%):</b>	5
<b>SU Dimensions (in):</b>	2.125X14.5	<b>Calculated Burntime (s):</b>	7.75
<b>Metric Dimensions (mm):</b>	54X368	<b>Total Impulse:</b>	270.2#s (1202.4Ns)
<b>Propellant Weight:</b>	1.141# (638.7g)	<b>Maximum Thrust:</b>	76.2# (338.9N)
<b>Nozzle Throat Diameter (in):</b>	Medusa	<b>Average Thrust:</b>	35.0# (155.8N)
<b>Nozzle Exit Cone Diameter (in):</b>	Medusa	<b>Specific Impulse:</b>	191.7
<b>Certified Until:</b>	12/31/00		



Sincerely,

Sue McMurray  
 Tripoli Motor Testing Chair