

Tripoli Rocketry Association, Inc.  
 Tripoli Motor Testing  
 c/o PME Assay Labs  
 2138 Kleppe Lane, Sparks, NV 89431  
 (775) 358-8886 and (408) 255-1863

# Tripoli Motor Testing

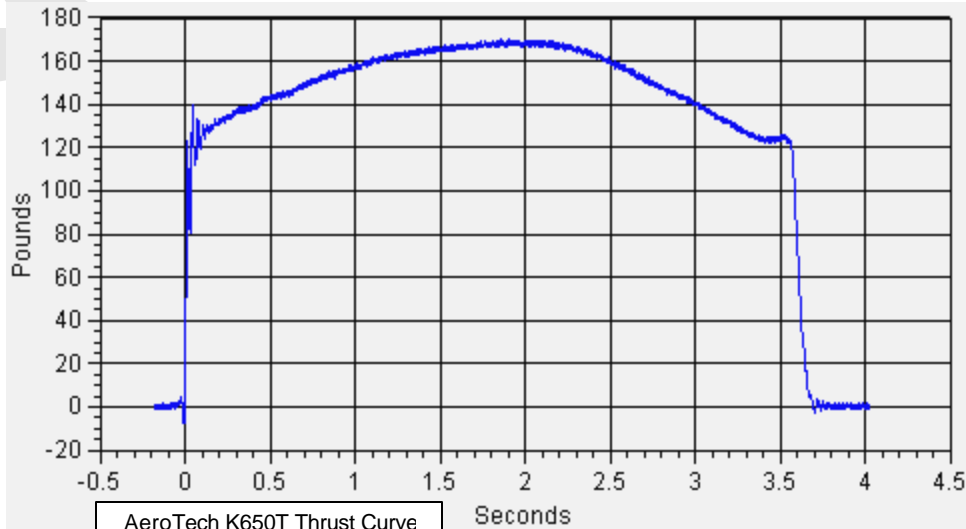
December 31, 1998

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

Dear Mr. Rosenfield:

The AeroTech K650T rocket motor was tested on 21 Nov 98 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>	11/21/98
<b>Motor Designation:</b>	K650T-Plug	<b>Samples per Second:</b>	480
<b>TMT Metric Designation:</b>	K657T-Plug (88% K)	<b>Burntime Evaluation (%):</b>	5
<b>SU Dimensions (in):</b>	3.858X11.38	<b>Calculated Burntime (s):</b>	3.67
<b>Metric Dimensions (mm):</b>	98X289	<b>Total Impulse:</b>	540.6#s (2405.7Ns)
<b>Propellant Weight:</b>	2.826# (1280.0g)	<b>Maximum Thrust:</b>	169.2# (752.8N)
<b>Nozzle Throat Diameter (in):</b>	.692	<b>Average Thrust:</b>	147.6# (656.8N)
<b>Nozzle Exit Cone Diameter (in):</b>	.986	<b>Specific Impulse:</b>	191.3
<b>Certified Until:</b>	12/31/01		



AeroTech K650T Thrust Curve  
 Test Date: 21 Nov 98

Sincerely,

Sue McMurray  
 Tripoli Motor Testing Chair