

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

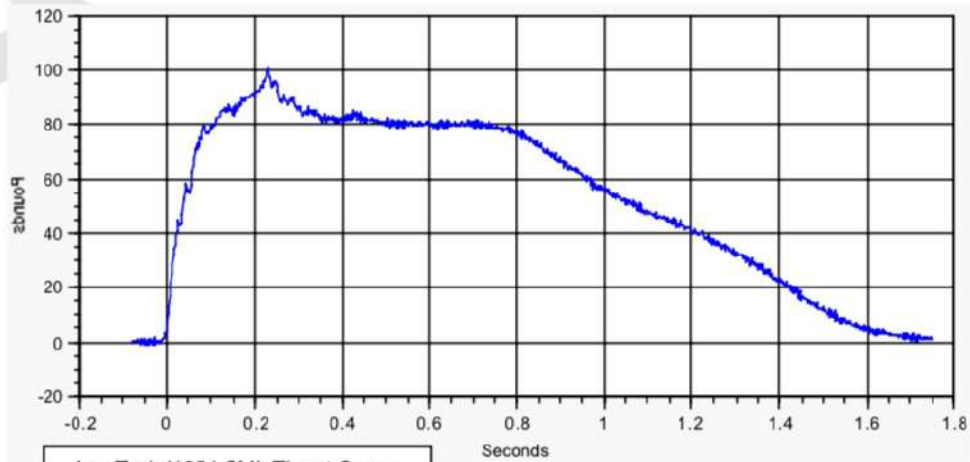
September 26, 1999

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

Dear Mr. Rosenfield:

The AeroTech I195J-SML rocket motor was tested on 12 Sept 99 and is in compliance with NFPA 1125 and NFPA 1127. The motor is certified until 31 Dec 2002 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>	09/12/99
<b>Motor Designation:</b>	I195J-S/M/L	<b>Samples per Second:</b>	480
<b>TMT Metric Designation:</b>	I254J-6/10/14 (33% I)	<b>Burntime Evaluation (%):</b>	5
<b>SU Dimensions (in):</b>	1.5X11.7	<b>Calculated Burntime (s):</b>	1.68
<b>Metric Dimensions (mm):</b>	29X297	<b>Total Impulse:</b>	95.9#s (426.5Ns)
<b>Propellant Weight:</b>	.665# (301.0g)	<b>Maximum Thrust:</b>	101.6# (452.1N)
<b>Nozzle Throat Diameter (in):</b>	.182	<b>Average Thrust:</b>	57.0# (235.7N)
<b>Nozzle Exit Cone Diameter (in):</b>	.416	<b>Specific Impulse:</b>	144.2
<b>Certified Until:</b>	12/31/02		



AeroTech I195J-SML Thrust Curve  
 Test Date: 12 Sept 99

Sincerely,

Sue McMurray  
 Tripoli Motor Testing Chair