

Tripoli Motor Testing

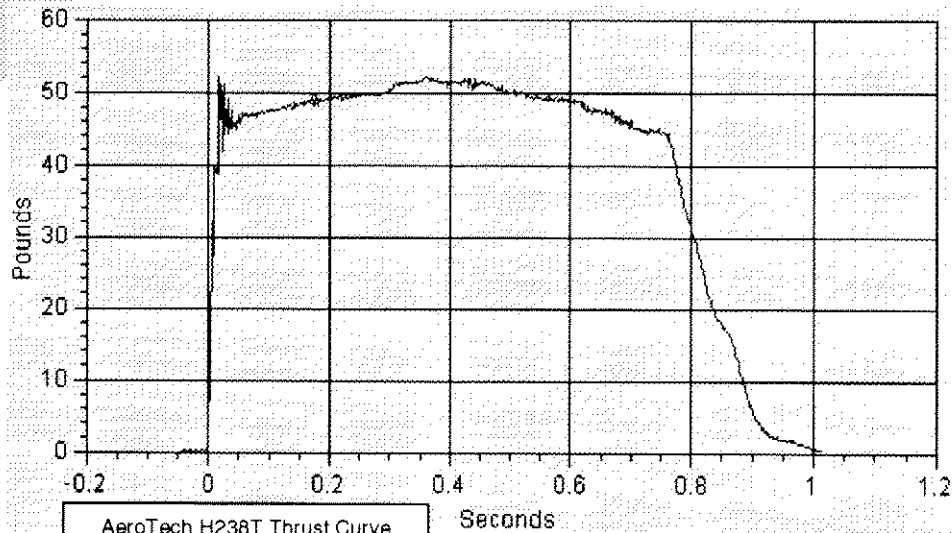
December 31, 1998

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

Dear Mr. Rosenfield:

The AeroTech H238T rocket motor was tested on 29 Jun 97 and is in compliance with NFPA 1125 and NFPA 1127. The motor is certified until 31 Jun 2000 for hobby rocketry use by the members of the Tripoli Rocketry Association and the National Association of Rocketry.

Motor Manufacturer:	AeroTech	Test Date:	06/29/97
Motor Designation:	H238T-SML	Samples per Second:	480
TMT Metric Designation:	H194T-6/10/14 (11% H)	Burntime Evaluation (%):	5
SU Dimensions (in):	1.125X7.625	Calculated Burntime (s):	.92
Metric Dimensions (mm):	29X194	Total Impulse:	40.1#s (178.4Ns)
Propellant Weight:	.185# (83.8g)	Maximum Thrust:	55.4# (246.6N)
Nozzle Throat Diameter (in):	0.219	Average Thrust:	42.6# (189.7N)
Nozzle Exit Cone Diameter (in):	0.440	Specific Impulse:	216.9
Certified Until:	06/31/00		



AeroTech H238T Thrust Curve
Test Date: 29 Jun 97

Sincerely,

Sue McMurray
Tripoli Motor Testing Chair