

Tripoli Motor Testing

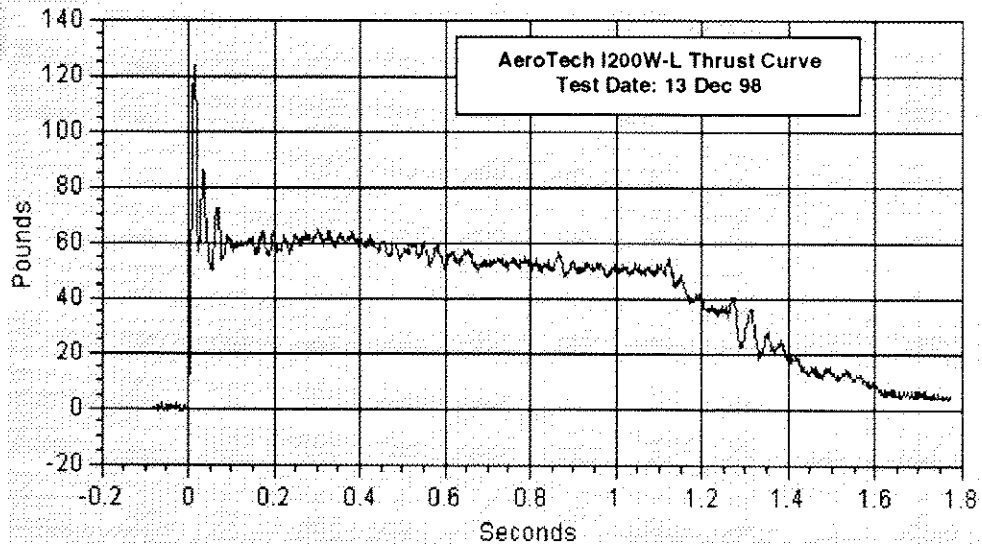
December 31, 1998

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

Dear Mr. Rosenfield:

The AeroTech I200W-L rocket motor was tested on 13 Dec 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.

Motor Manufacturer:	AeroTech	Test Date:	12/13/98
Motor Designation:	I200W-L	Samples per Second:	480
TMT Metric Designation:	I202W-14 (2% I)	Burntime Evaluation (%):	5
SU Dimensions (in):	1.125X13.1	Calculated Burntime (s):	1.63
Metric Dimensions (mm):	29X333	Total Impulse:	73.3#s (326.3Ns)
Propellant Weight:	.414# (187.3g)	Maximum Thrust:	107.8# (479.5N)
Nozzle Throat Diameter (in):	.291	Average Thrust:	45.4# (202.0N)
Nozzle Exit Cone Diameter (in):	.693	Specific Impulse:	177.3
Certified Until:	12/31/01		



Sincerely,

Sue McMurray
Tripoli Motor Testing Chair