

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

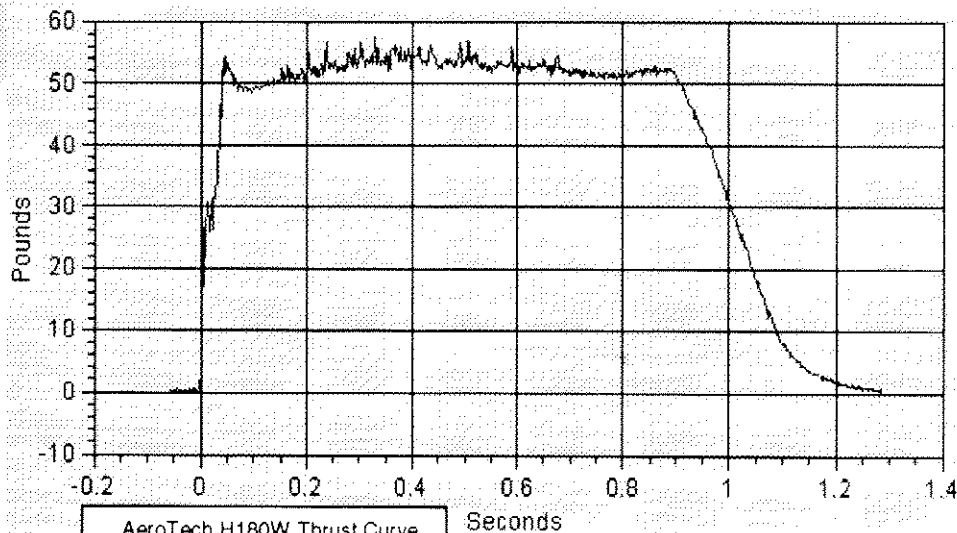
December 31, 1998

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

Dear Mr. Rosenfield:

The AeroTech H180W 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:	H180W-SML	Samples per Second:	480
TMT Metric Designation:	H205W-6/10/14 (48% H)	Burntime Evaluation (%):	5
SU Dimensions (in):	1.125X9.375	Calculated Burntime (s):	1.17
Metric Dimensions (mm):	29X238	Total Impulse:	53.2#s (236.8Ns)
Propellant Weight:	.280# (126.8g)	Maximum Thrust:	59.8# (266.3N)
Nozzle Throat Diameter (in):	0.203	Average Thrust:	46.0# (204.6N)
Nozzle Exit Cone Diameter (in):	0.43	Specific Impulse:	190.3
Certified Until:	06/31/00		



AeroTech H180W Thrust Curve
Test Date: 29 Jun 97

Sincerely,

Sue McMurray
Tripoli Motor Testing Chair