

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

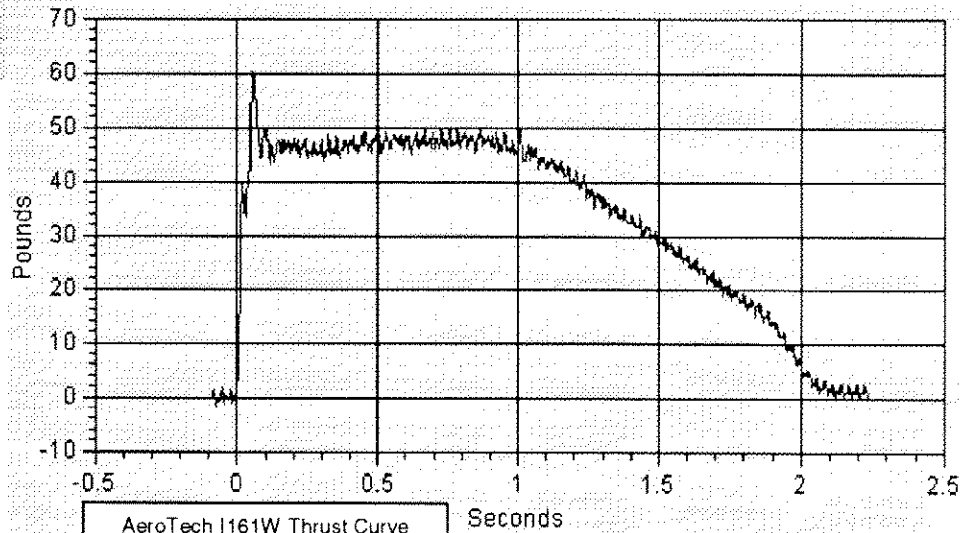
December 31, 1998

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

Dear Mr. Rosenfield:

The AeroTech I161W rocket motor was tested on 19 Jul 98 and is in compliance with NFPA 1125 and NFPA 1127. The motor is certified until 31 Jul 2001 for hobby rocketry use by the members of the Tripoli Rocketry Association and the National Association of Rocketry.

Motor Manufacturer:	AeroTech	Test Date:	07/19/98
Motor Designation:	I161W-SML	Samples per Second:	480
TMT Metric Designation:	I160W-6/10/14 (5% I)	Burntime Evaluation (%):	5
SU Dimensions (in):	1.5X7.5	Calculated Burntime (s):	2.12
Metric Dimensions (mm):	38X191	Total Impulse:	75.5#s (335.8Ns)
Propellant Weight:	.427# (193.2g)	Maximum Thrust:	59.2# (263.5N)
Nozzle Throat Diameter (in):	.226	Average Thrust:	35.9# (159.8N)
Nozzle Exit Cone Diameter (in):	.452	Specific Impulse:	176.9
Certified Until:	07/31/01		



AeroTech I161W Thrust Curve
Test Date: 19 Jul 98

Sincerely,

Sue McMurray
Tripoli Motor Testing Chair