

# Tripoli Motor Testing

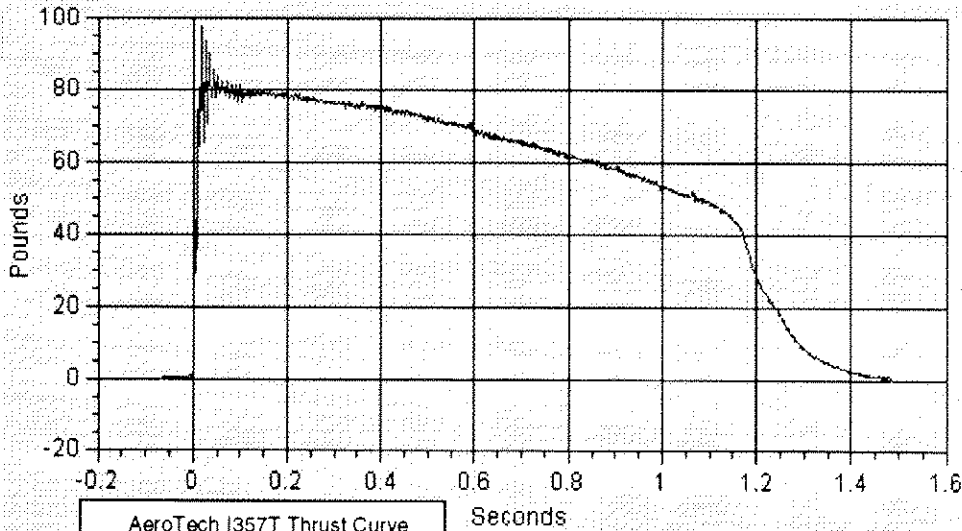
December 31, 1998

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

Dear Mr. Rosenfield:

The AeroTech I357T rocket motor was tested on 27 Jul 97 and is in compliance with NFPA 1125 and NFPA 1127. The motor is certified until 31 Dec 2000 for hobby rocketry use by the members of the Tripoli Rocketry Association and the National Association of Rocketry.

Motor Manufacturer:	AeroTech	Test Date:	07/27/97
Motor Designation:	I357T-SMI	Samples per Second:	480
TMT Metric Designation:	I263T-6/10/14 (13% I)	Burntime Evaluation (%):	5
SU Dimensions (in):	1.5X8.0	Calculated Burntime (s):	1.37
Metric Dimensions (mm):	38X203	Total Impulse:	81.0#s (360.4Ns)
Propellant Weight:	.385# (174.4g)	Maximum Thrust:	85.5# (380.3N)
Nozzle Throat Diameter (in):	0.281	Average Thrust:	59.1# (263.1N)
Nozzle Exit Cone Diameter (in):	0.44	Specific Impulse:	210.7
Certified Until:	12/31/00		



AeroTech I357T Thrust Curve  
Test Date: 27 Jul 97

Sincerely,

Sue McMurray

Tripoli Motor Testing Chair