



Tripoli Rocketry Association, Inc.  
Tripoli Motor Testing  
1600 Amelia CT, Apt 1024  
Plano, TX  
469-241-1554

3 January 2010

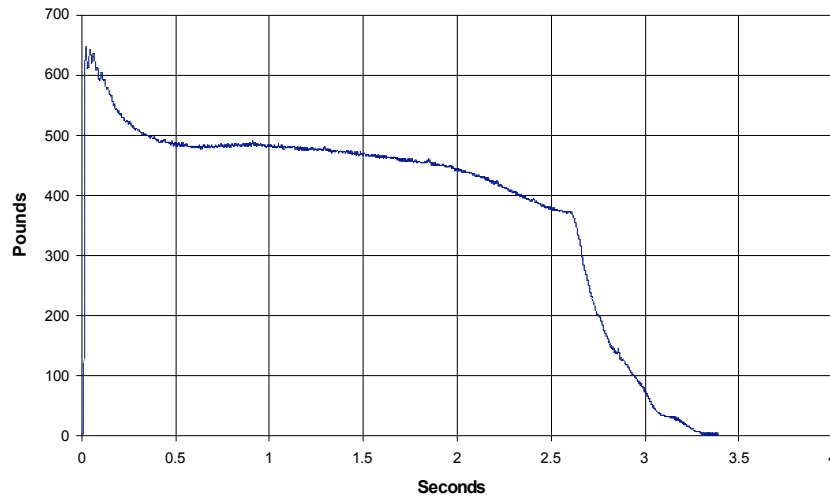
Gary Rosenfield  
AeroTech Div. RCS RMC, Inc  
2113 W. 850 N. Street  
Cedar City, UT 84720

Dear Mr. Rosenfield,

The AeroTech M1780NT rocket motor reload was tested on 17 October 2009 and is in compliance with NFPA 1125. The motor is certified until 31 Dec 2014 for hobby rocketry use by the members of the Tripoli Rocketry Association and all approving organizations with reciprocal certifying agreements

Motor Manufacturer	AeroTech (RCS)		
Motor Designation	M1780NT-P	Samples per Second	480
TMT Metric Designation	M1859 (13% M)	Burn Time	3.11 Seconds
Metric Dimensions	75 mm X 653 mm	Total Impulse	5783.46 NS
Total Weight	4762.7 Grams	Maximum Thrust	3056.18 N.
Propellant Weight	2560 Grams	Average Thrust	1859 N
Certified Until	31 Dec 14		

AT M1780NT



Sincerely,

Paul Holmes  
Tripoli Motor Testing Chair

plh