



Tripoli Rocketry Association, Inc.  
Tripoli Motor Testing  
8923 West Ocotillo Road  
Glendale, Arizona 85305  
(623) 877-6814

August 27, 2003

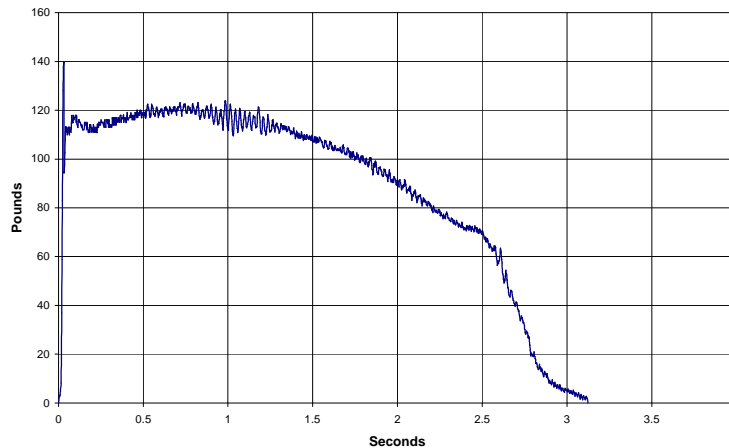
Gary Rosenfield  
AeroTech Inc.  
2113 W. 850 N. Street  
Cedar City, UT 84720

Dear Mr. Rosenfield,

The AeroTech J415W rocket motor was tested on 9 August 2003 and is in compliance with the NFPA 1125 and NFPA 1127. The motor is certified until 31 Dec 2008 for hobby rocketry use by the members of the Tripoli Rocketry Association and any associations holding a reciprocal certification agreement.

Motor Manufacture	AeroTech	Test Date	9 Aug 03
Motor Designation	J415W-S,M,L	Certified Until	31 Dec 08
TMT Metric Designation	J428W (91% J)	Samples per Second	480
Metric Dimensions	54 x 314 MM	Burn Time	2.88 seconds
Total Weight	1168 grams	Total Impulse	1231.7 NS
Recovery Weight	481.9 grams	Maximum Thrust	732.8 N
Propellant Weight	697.4 grams	Average Thrust	428.4 N
		Specific Impulse	180

AT J415W



Sincerely,

Mark Clark  
Tripoli Motor Testing Chair

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