



Tripoli Rocketry Association, Inc.  
 Tripoli Motor Testing  
 1600 Amelia CT, Apt 1024  
 Plano, TX 75075  
 602-625-2199

January 22, 2007

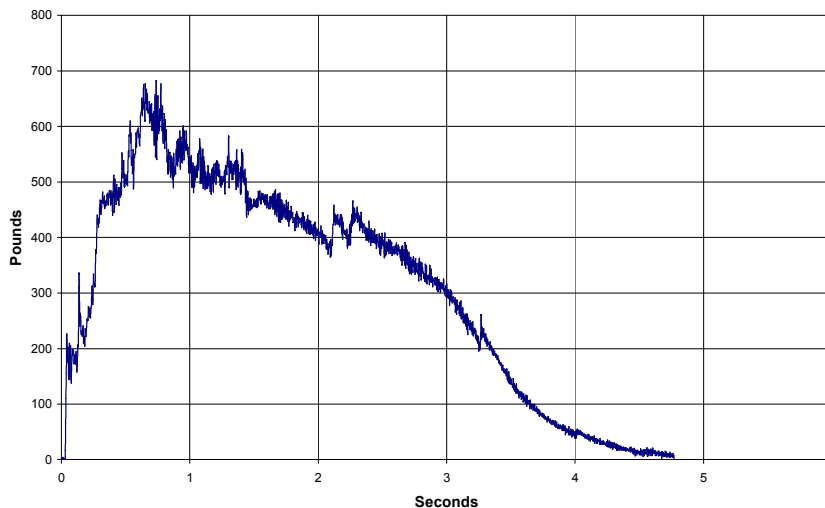
Mr. Thomas Sanders  
 49 North Blvd., Suite #2  
 Lake Havasu City, AZ 86403

Dear Mr. Sanders,

The Conrail Rockets M1575BG rocket motor was tested on 28-29 January 2006 and is in compliance with the NFPA 1125. The motor is certified indefinitely (Review due, Jun 2011) for hobby rocketry use by the members of the Tripoli Rocketry Association and any associations holding a reciprocal certification agreement.

Motor Manufacture	Conrail Rockets	Test Date	28-29 Jan 06
Motor Designation	M1575BG	Certified Until	Indefinitely
TMT Metric Designation	M1556 (27%)	Samples per Second	480
Metric Dimensions	98 X 1524 MM	Burn Time	4.2 seconds
Total Weight	10863 g	Total Impulse	6546.79 NS
Recovery Weight	10137 g	Maximum Thrust	2965 N
Fuel Grain Weight	2210 G	Average Thrust	1556.4 N
Nitrous Oxide Volume	5300 cc		

98 5300 M BG



Sincerely,

H. Paul Holmes  
 Tripoli Motor Testing Chair

ph