



Tripoli Rocketry Association, Inc.  
Tripoli Motor Testing  
4443 E. Tanglewood Dr.  
Phoenix, AZ 85048  
602-625-2199

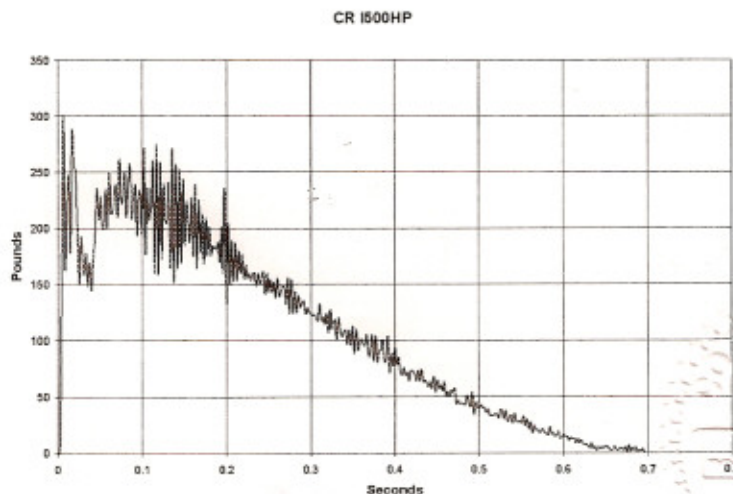
October 17, 2005

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


Dear Mr. Sanders,

The Conrail Rockets I500HP rocket motor was tested on 24-25 Sept 2005 and is in compliance with the NFPA 1125. The motor is certified indefinitely (Review due, Dec 2010) 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	24-25 Sep 05
Motor Designation	I500HP	Certified Until	Indefinitely
TMT Metric Designation	I479 (4%)	Samples per Second	480
Metric Dimensions	38 X 719MM	Burn Time	.7 seconds
Total Weight	800 g	Total Impulse	336 NS
Recovery Weight	748 g	Maximum Thrust	1069 N
Fuel Grain Weight	166 g	Average Thrust	479 N
Nitrous Oxide Volume	275 cc		



Sincerely,

  
H. Paul Holmes  
Tripoli Motor Testing Chair

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