



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

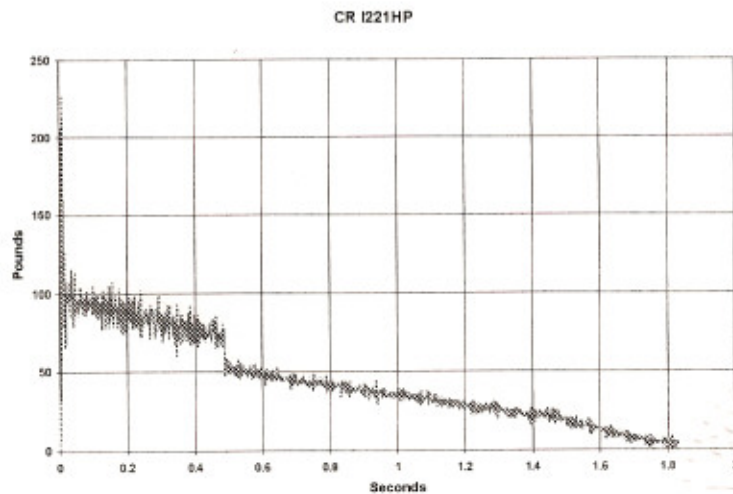
October 17, 2005

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

Dear Mr. Sanders,

The Conrail Rockets I221PVC 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	I221PVC	Certified Until	Indefinitely
TMT Metric Designation	I203 (10%)	Samples per Second	480
Metric Dimensions	38 X 719MM	Burn Time	1.74 seconds
Total Weight	710 g	Total Impulse	355 NS
Recovery Weight	680 g	Maximum Thrust	433 N
Fuel Grain Weight	125 g	Average Thrust	203 N
Nitrous Oxide Volume	370 cc		



Sincerely,

*H. Paul Holmes*  
 H. Paul Holmes  
 Tripoli Motor Testing Chair

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