



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

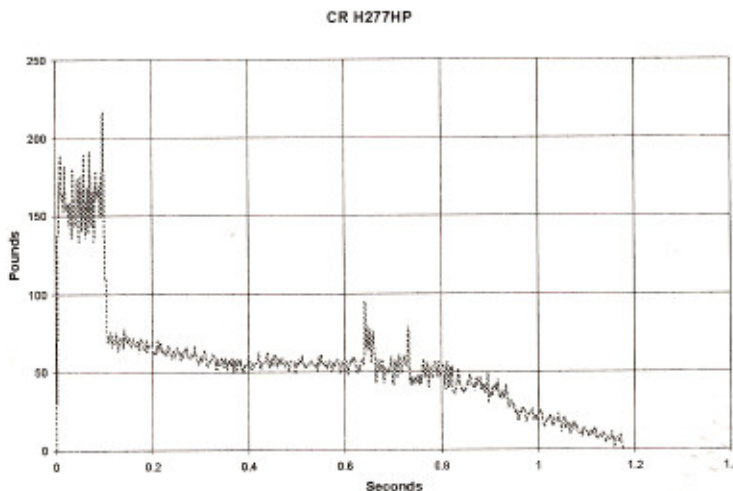
October 17, 2005

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

Dear Mr. Sanders,

The Conrail Rockets H277HP 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	H277HP	Certified Until	Indefinitely
TMT Metric Designation	H252 (82%)	Samples per Second	480
Metric Dimensions	38 X 719MM	Burn Time	1.15 seconds
Total Weight	710 g	Total Impulse	292 NS
Recovery Weight	680 g	Maximum Thrust	793 N
Fuel Grain Weight	110 g	Average Thrust	252 N
Nitrous Oxide Volume	370 cc		



Sincerely,

  
H. Paul Holmes  
Tripoli Motor Testing Chair

plh