



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

October 17, 2005

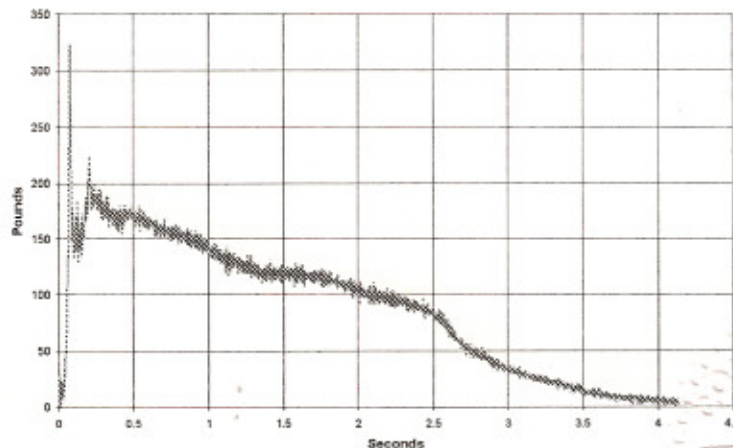
Mr. Thomas Sanders  
49 North Blvd., Suite #2  
Lake Havasu City, AZ 86403

Dear Mr. Sanders,

The Conrail Rockets K456BG rocket motor was tested on 24-25 Sep 2005 and is in compliance with the NFPA 1125. The motor is certified indefinitely (Review due, Jun 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	K456BG	Certified Until	Indefinitely
TMT Metric Designation	K439(27%)	Samples per Second	480
Metric Dimensions	76 x 813MM	Burn Time	3.7 seconds
Total Weight	3704 g	Total Impulse	1628 NS
Recovery Weight	3515 g	Maximum Thrust	1422 N
Fuel Grain Weight	580g	Average Thrust	439 N
Nitrous Oxide Volume	1400cc		

CR K456BG



Sincerely,

  
H. Paul Holmes  
Tripoli Motor Testing Chair

plh