



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

June 8, 2005

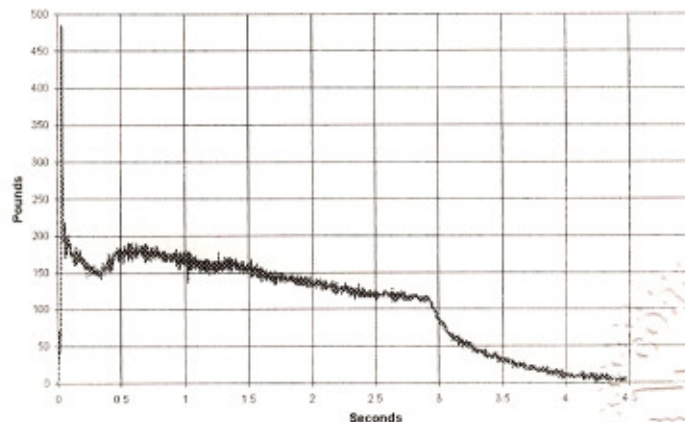
Mr. Thomas Sanders  
49 North Blvd., Suite #2  
Lake Havasu City, AZ 86403

Dear Mr. Sanders,

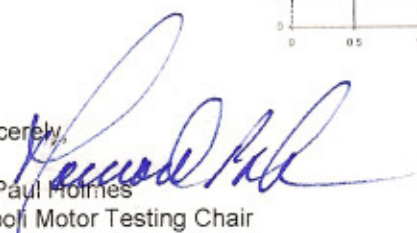
The Conrail Rockets K543BS rocket motor was tested on 22 May 2005 and is in compliance with the NFPA 1125. The motor is certified indefinitely (Review due, Jun 2010) for hobby rocketry use by the members of the Tripoli Rocketry Association and any associations holding a reciprocal certification agreement.

Motor Manufacture	Conrail Rockets	Test Date	22 May 05
Motor Designation	K543BS-P	Certified Until	Indefinitely
TMT Metric Designation	K586(63%)	Samples per Second	480
Metric Dimensions	76 x 813MM	Burn Time	3.6 seconds
Total Weight	3606g	Total Impulse	2096 NS
Recovery Weight	3470g	Maximum Thrust	2128.5 N
Fuel Grain Weight	500g	Average Thrust	586 N
Nitrous Oxide Volume	1450cc		

Conrail Rocketry K543BS



Sincerely,

  
H. Paul Holmes  
Tripoli Motor Testing Chair

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