



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

May 20, 2005

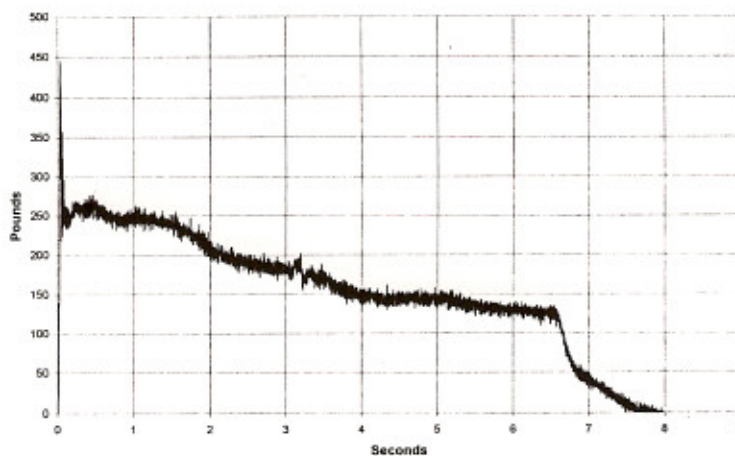
Mr. Thomas Sanders  
49 North Blvd., Suite #2  
Lake Havasu City, AZ 86403

Dear Mr. Sanders,

The Contrail Rockets M711BS rocket motor was tested on Apr 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	Contrail Rockets	Test Date	24 Apr 05
Motor Designation	M711BS-P	Certified Until	Indefinitely
TMT Metric Designation	M762(7%)	Samples per Second	480
Metric Dimensions	76 x 1371MM	Burn Time	7.22 seconds
Total Weight	4900g	Total Impulse	5507 NS
Recovery Weight	4536g	Maximum Thrust	1872 N
Propellant Weight	727g	Average Thrust	762.44 N
Nitrous Oxide Volume	3200cc		

Contrail Rocketry M711BS-P



Sincerely,

*F. Paul Holmes*  
F. Paul Holmes

Tripoli Motor Testing Chair

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