



Tripoli Rocketry Association, Inc.
 Tripoli Motor Testing
 1600 Amelia CT, Apt 1024
 Plano, TX 75075
 602-625-2199

January 22, 2007

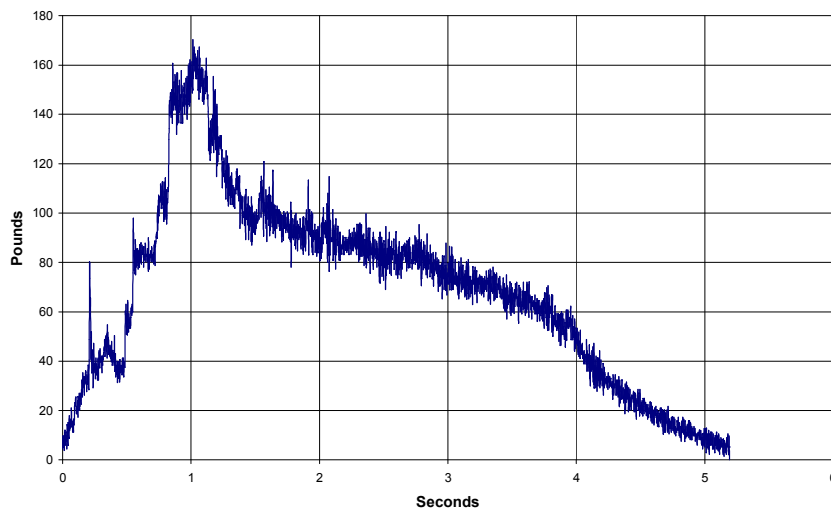
Mr. Thomas Sanders
 49 North Blvd., Suite #2
 Lake Havasu City, AZ 86403

Dear Mr. Sanders,

The Conrail Rockets K321BG rocket motor was tested on 28-29 January 2006 and is in compliance with the NFPA 1125. The motor is certified indefinitely (Review due, Jun 2011) 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	28-29 Jan 06
Motor Designation	K321BG	Certified Until	Indefinitely
TMT Metric Designation	K321 (22%)	Samples per Second	480
Metric Dimensions	54 X 1220 MM	Burn Time	4.89 seconds
Total Weight	2043 g	Total Impulse	1569.9 NS
Recovery Weight	1859.72 g	Maximum Thrust	737.97 N
Fuel Grain Weight	450 G	Average Thrust	320.5 N
Nitrous Oxide Volume	1490 cc		

54 48 M BG



Sincerely,

H. Paul Holmes
 Tripoli Motor Testing Chair

plh