

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

January 22, 2007

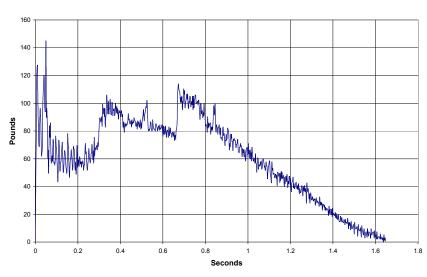
Mr. Thomas Sanders 49 North Blvd., Suite #2 Lake Havasu City, AZ 86403

Dear Mr. Sanders,

The Contrail Rockets I290SP rocket motor was tested on 15 April 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	Contrail Rockets	Test Date	15 Apr 06
Motor Designation	1290SP	Certified Until	Indefinitely
TMT Metric Designation	1287 (37%)	Samples per Second	480
Metric Dimensions	38 X 922 MM	Burn Time	1.5 seconds
Total Weight	884.5 g	Total Impulse	430 NS
Recovery Weight	816 g	Maximum Thrust	635.54 N
Fuel Grain Weight	G	Average Thrust	286.6N
Nitrous Oxide Volume	460 cc	-	

## 38 36 F SP



Sincerely,

H. Paul Holmes Tripoli Motor Testing Chair