

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

January 22, 2007

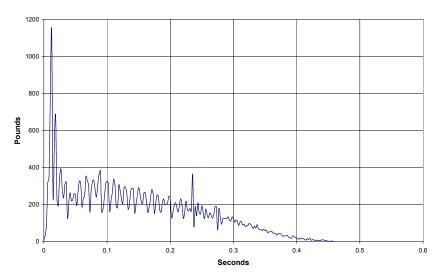
Mr. Thomas Sanders 49 North Blvd., Suite #2 Lake Havasu City, AZ 86403

Dear Mr. Sanders,

The Contrail Rockets I747HP rocket motor was tested on 25-26 Mar 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	25-26 Mar 06
Motor Designation	1747HP	Certified Until	Indefinitely
TMT Metric Designation	1732 (34%)	Samples per Second	480
Metric Dimensions	38 X 719 MM	Burn Time	.59 seconds
Total Weight	839 g	Total Impulse	431 NS
Recovery Weight	771.1 g	Maximum Thrust	4644 N
Fuel Grain Weight	166 G	Average Thrust	732 N
Nitrous Oxide Volume	225 cc	-	

## 38 28 XXF HP



Sincerely,

H. Paul Holmes Tripoli Motor Testing Chair