

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 L369SP 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	Contrail Rockets	Test Date	28-29 Jan 06
Motor Designation	L369SP	Certified Until	Indefinitely
TMT Metric Designation	L362 (49%)	Samples per Second	480
Metric Dimensions	75 X 813 MM	Burn Time	10.58 seconds
Total Weight	4800 g	Total Impulse	3828.69 NS
Recovery Weight	4286 g	Maximum Thrust	651.93 N
Fuel Grain Weight	785 G	Average Thrust	361.69 N
Nitrous Oxide Volume	3200 cc	-	

180 160 140 120 100 Pounds 80 60 40 20 0 -12 14 4 6 2 8 0 10 Seconds

75 3200 S SP

Sincerely,

H. Paul Holmes Tripoli Motor Testing Chair