



Tripoli Rocketry Association, Inc.
Tripoli Motor Testing
8923 West Ocotillo Road
Glendale, Arizona 85305
(623) 877-6814

29 Feb 2004

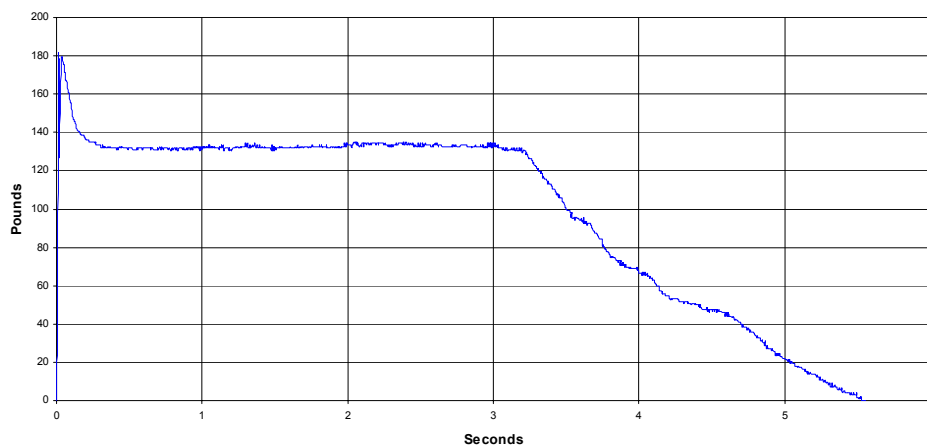
Robert Ellis
Ellis Mountain Rocket Works
Rt. 9, Box 231E
Jacksonville, TX 75766

Dear Mr. Ellis,

The Ellis Mountain K475-L rocket motor was tested on 27 Feb 2004 and is in compliance with the NFPA 1125. The motor is certified until 30 Jun 2009 for hobby rocketry use by the members of the Tripoli Rocketry Association and all reciprocal agreement associations.

Motor Manufacture	Ellis Mountain	Test Date	27 Feb 04
Motor Designation	K475-L	Certified Until	30 Jun 09
TMT Metric Designation	K490 (92%)	Samples per Second	480
Metric Dimensions	54mm X 663.6 mm	Burn Time	5.1 seconds
Initial Weight	2168g	Total Impulse	2434.9 NS
Recovery Weight	1035g	Maximum Thrust	885.9 N
Propellant Weight	Nozzle Liner Assy	Average Thrust	490 N

EM K475-L



Sincerely,

Mark Clark
Tripoli Motor Testing Chair

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