



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

June 22, 2004

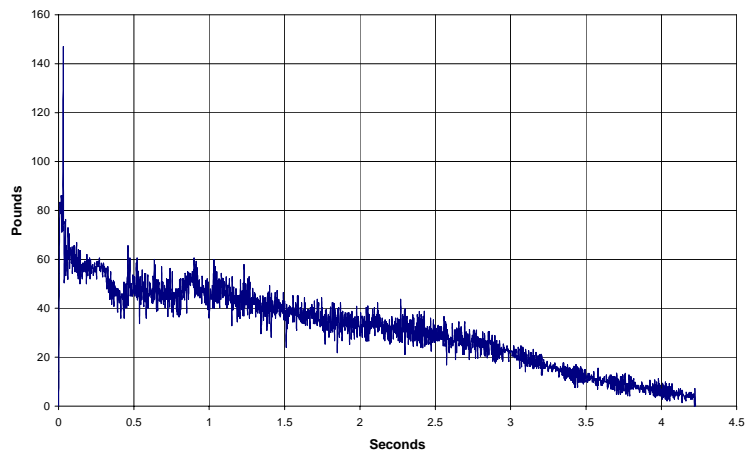
Todd Moore
SkyRipper Systems
2519 Sunset Strip
Grayling, MI 49738

Dear Mr. Moore,

The SkyRipper I117PVC Hybrid rocket motor was tested on 12 Jun 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 any associations holding a reciprocal certification agreement.

Motor Manufacture	SkyRipper	Test Date	12 Jun 04
Motor Designation	I117PVC	Certified Until	30 Jun 09
TMT Metric Designation	I140 (84%)	Samples per Second	480
Metric Dimensions	38 x 914 MM	Burn Time	4.4 seconds
Total Weight	816g	Total Impulse	591.62 NS
Recovery Weight	763g	Maximum Thrust	435.63 N
Propellant Weight	8.5g	Average Thrust	140.24 N
Nitrous Volume	580cc		

SkyRipper I117PVC



Sincerely,

Mark Clark
Tripoli Motor Testing Chair

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