



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

June 22, 2004

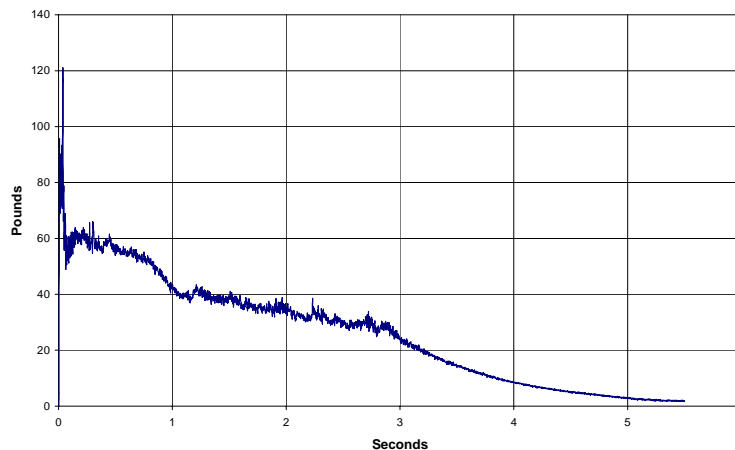
Todd Moore  
SkyRipper Systems  
2519 Sunset Strip  
Grayling, MI 49738

Dear Mr. Moore,

The SkyRipper J144PP Hybrid rocket motor was tested on 22 May 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	22 May 04
Motor Designation	J144PP	Certified Until	30 Jun 09
TMT Metric Designation	J144 (9%)	Samples per Second	480
Metric Dimensions	38 x 914 MM	Burn Time	4.8 seconds
Total Weight	816g	Total Impulse	698.65 NS
Recovery Weight	763g	Maximum Thrust	452.56 N
Propellant Weight	8.5g	Average Thrust	144.85 N
Nitrous Volume	580cc		

SkyRipper J144PP



Sincerely,

Mark Clark  
Tripoli Motor Testing Chair

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