



Tripoli Rocketry Association, Inc.  
Tripoli Motor Testing  
4443 E. Tanglewood Dr.  
Phoenix, AZ 85048  
(480)704-5967

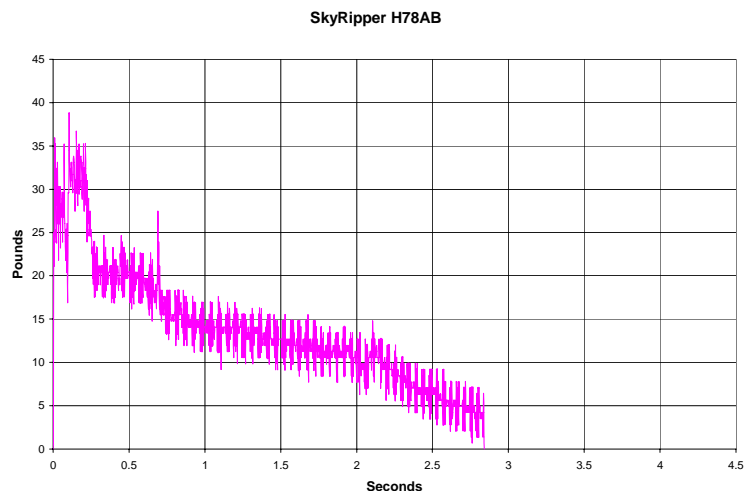
May 21, 2005

Todd Moore  
SkyRipper Systems  
2519 Sunset Strip  
Grayling, MI 49738

Dear Mr. Moore,

The SkyRipper H78AB (ABS Grain) Hybrid rocket motor was tested on 12 Mar 2005 and is in compliance with the NFPA 1125. The motor is certified until 30 Jun 2010 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 Mar 2005
Motor Designation	H78AB	Certified Until	30 Jun 10
TMT Metric Designation	H63 (5%)	Samples per Second	480
Metric Dimensions	29 x 520.7 MM	Burn Time	2.75 seconds
Total Weight	284g	Total Impulse	172.9 NS
Recovery Weight	266g	Maximum Thrust	150.4 N
Preheater Weight	5g	Average Thrust	62.9 N
Nitrous Volume	185cc		



Sincerely,

Paul Holmes  
Tripoli Motor Testing Chair

plh