



Tripoli Rocketry Association, Inc.
Tripoli Motor Testing
1600 Amelia CT, Apt 1024
Plano, TX 75075-6123
(469)241-1554

February 24, 2007

Todd Moore
SkyRipper Systems
2519 Sunset Strip
Grayling, MI 49738

Dear Mr. Moore,

The SkyRipper K257B Hybrid rocket motor was tested on 17 February 2007 and is in compliance with the NFPA 1125. The motor is certified until 30 Jun 2012 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	17 Feb 07
Motor Designation	K257B	Certified Until	30 Jun 12
TMT Metric Designation	K282 (35%)	Samples per Second	480
Metric Dimensions	54 x 914 MM	Burn Time	6.1 seconds
Total Weight	1541g	Total Impulse	1733 NS
Recovery Weight	1451g	Maximum Thrust	2461 N
Propellant Weight	8.5g	Average Thrust	282 N
Nitrous Volume	1130cc		

Sincerely,

H. Paul Holmes
Tripoli Motor Testing Chair

plh