



Tripoli Rocketry Association, Inc.  
Tripoli Motor Testing  
4443 E. Tanglewood Dr.  
Phoenix, AZ 85048  
602-625-2199

October 17, 2005


Mr. Thomas Sanders  
49 North Blvd., Suite #2  
Lake Havasu City, AZ 86403

Dear Mr. Sanders,

The Conrail Rockets J555HP rocket motor was tested on 24-25 Sept 2005 and is in compliance with the NFPA 1125. The motor is certified indefinitely (Review due, Dec 2010) for hobby rocketry use by the members of the Tripoli Rocketry Association and any associations holding a reciprocal certification agreement.

| Motor Manufacture      | Conrail Rockets | Test Date          | 24-25 Sep 05 |
|------------------------|-----------------|--------------------|--------------|
| Motor Designation      | J555HP          | Certified Until    | Indefinitely |
| TMT Metric Designation | J497 (18%)      | Samples per Second | 480          |
| Metric Dimensions      | 38 X 1227 MM    | Burn Time          | 1.6 seconds  |
| Total Weight           | 1132 g          | Total Impulse      | 795 NS       |
| Recovery Weight        | 1090 g          | Maximum Thrust     | 2500 N       |
| Fuel Grain Weight      | 166 g           | Average Thrust     | 497 N        |
| Nitrous Oxide Volume   | 735 cc          |                    |              |

Sincerely,

  
H. Paul Holmes  
Tripoli Motor Testing Chair

  
plh