



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

October 17, 2005

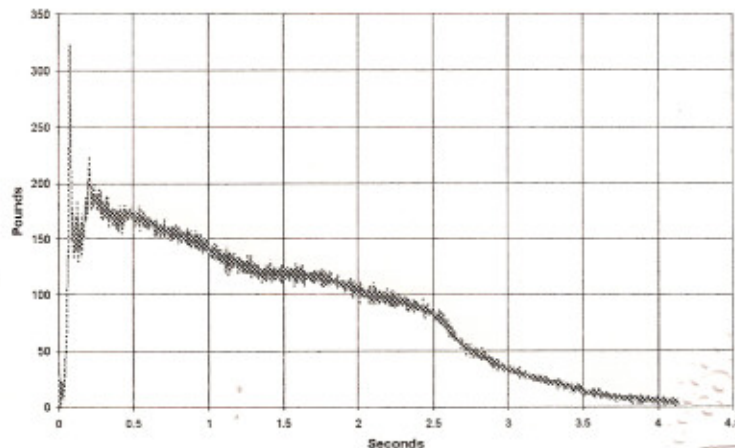
Mr. Thomas Sanders  
49 North Blvd., Suite #2  
Lake Havasu City, AZ 86403

Dear Mr. Sanders,

The Conrail Rockets K456BG rocket motor was tested on 24-25 Sep 2005 and is in compliance with the NFPA 1125. The motor is certified indefinitely (Review due, Jun 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      | K456BG          | Certified Until    | Indefinitely |
| TMT Metric Designation | K439(27%)       | Samples per Second | 480          |
| Metric Dimensions      | 76 x 813MM      | Burn Time          | 3.7 seconds  |
| Total Weight           | 3704 g          | Total Impulse      | 1628 NS      |
| Recovery Weight        | 3515 g          | Maximum Thrust     | 1422 N       |
| Fuel Grain Weight      | 580g            | Average Thrust     | 439 N        |
| Nitrous Oxide Volume   | 1400cc          |                    |              |

CR K456BG



Sincerely,

  
H. Paul Holmes  
Tripoli Motor Testing Chair

plh