Total Impulse: 1722.15 Newton Seconds
Average Newtons: 235.85 Newtons
Burntime: 7.2 Seconds
Max Newtons: 885.55 Newtons

Plastic Burned: 3.38 oz
Nitrous Oxide: 43.36 oz
Propellant Weight Total: 46.74 oz

Oxidizer Ratio: 12.8
ISP: 132.48

Supply Tank Pressure: 693 PSI
Ambient Temp: 75 Degrees F
Test Date: 11/10/02
K-240     U-C Valve 2     ABS Grain

Total Impulse 2,567.65 Newton Seconds
Average Newtons 262.55 Newtons
Burntime 9.78 Seconds
Max Newtons 511.75 Newtons

Plastic Burned 8.36 oz
Nitrous Oxide 43.36 oz
Propellant Weight Total 51.72 oz

Oxidizer Ratio 5.19
ISP 178.5

Supply Tank Pressure 866 PSI
Ambient Temp 80 Degrees F
Test Date 11/17/02
Location West Covina
Present Dave, Wayne, Ron, Joe
U-C Valve 2 -- Four holes at 60 degrees and a small in-line hole
K-240  U-C Valve #3  Star Injector  PolyPro Grain

Total Impulse: 2,465 Newton Seconds
Average Newtons: 214 Newtons
Burntime: 11.3 Seconds
Max Newtons: 463 Newtons
Plastic Burned: grams
Nitrous Oxide: grams
Propellant Weight Total: grams
Oxidizer Ratio

ISP

Supply Tank Pressure: 730 PSI
Ambient Temp: 72 Degrees F
Test Date: 12/8/2002  Test #1
Location: RRS Mojave
Present: Joe Mullin, Dave Griffith
K-240  U-C Valve #3  Star Pattern  6 Slots  PolyPro Grain
K-240  U-C Valve #4 6" Tube ABS Grain

Total Impulse 2,856 Newton Seconds
Average Newtons 316 Newtons
Burntime 8.9 Seconds
Max Newtons 512 Newtons

Plastic Burned 205.00 grams
Nitrous Oxide 1,229.26 grams
Propellant Weight Total 1,434.26 grams

Oxidizer Ratio 6.00
ISP 203

Supply Tank Pressure 709 PSI
Ambient Temp 72 Degrees F
Test Date 12/8/2002  Test #2
Location RRS Mojave
Present Joe Mullin, Dave Griffith
K-240 U-C Valve #4  6" Rod  24 holes  ABS Grain
Total Impulse 2,626 Newton Seconds
Average Newtons 320 Newtons
Burntime 11.3 Seconds
Max Newtons 450 Newtons
Plastic Burned 198.00 grams
Nitrous Oxide 1,229.26 grams
Propellant Weight Total 1,427.26 grams
Oxidizer Ratio 6.21
ISP 188
Supply Tank Pressure 732 PSI
Ambient Temp 65 Degrees F
Test Date 12-14-2002 Test 1
Location Lucerne
Present Joe Mullin, Dave Griffith, Wayne Mrazek
Holy Injector Batman, what happened to the top o-ring and groove?

K-240 U-C Valve #5 90 degree injector 12 holes PolyPro Grain