

6/21/03

**M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)**  
**BOLT ACTION CENTERFIRE RIFLE**  
**24" BARREL 7.62 NATO**

- INSTRUCTION BOOK 3518

DD FORM

proof of purchase



owner registration sticker



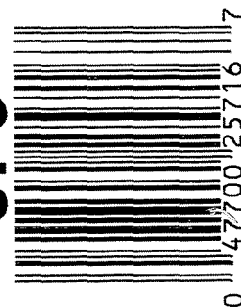
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

**G6410233**

**UPC**



**ORDER 25716**

M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)

**UPC**



0 47700 25716 7

**ORDER 25716**

M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)

**UPC**



0 47700 25716 7

SERIAL NO.



66410233

## INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6410233

| OP #         | OPERATION NAME                                                 | READINGS                | DATE    | INITIAL        |
|--------------|----------------------------------------------------------------|-------------------------|---------|----------------|
| 575 &<br>580 | ASSEMBLE ACTION<br>AND STOCK                                   |                         | 1-3-05  | RTZ            |
| 600          | PROOF                                                          |                         | 1-4-05  | <del>RTZ</del> |
| 607          | CHECK HEADSPACE                                                | MAGNA-FLUX<br>INSPECTED | 1-4-05  | <del>RTZ</del> |
| 610          | DIS-ASSEMBLE GUN                                               | JAN 3 2005              | 1-4-05  | RTZ            |
| 612          | MAGNAFLUX BBL ACTION<br>MAGNAFLUX BOLT                         | OPERATOR <u>BS</u>      |         |                |
| 615          | ROLLMARK CALIBER                                               |                         | 1-5-05  | CW             |
| 617          | DRILL AND TAP<br>SIGHT HOLES                                   |                         | 1-4-05  | TRLW           |
| 620          | APPLY COATINGS<br>(BARREL ACTION)                              |                         | 1/10/05 | HP             |
|              | (BOLT)                                                         |                         |         |                |
| 625          | FINAL ASSEMBLY                                                 |                         |         |                |
|              | A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                            |                         | 1-19-05 | RR             |
|              | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD |                         | 1-19-05 | RR             |
|              | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                         |                         | 1-19-05 | RR             |
|              | D) OIL FIRING PIN ASSEMBLY                                     |                         | 1-21-05 | RR             |
|              | E) ADJUST TRIGGER PULL<br>TO MIN. SETTING AND<br>STAKE         | 2.50 LBS +/- .5 LBS     |         |                |

| OP #  | OPERATION NAME                                                           | READINGS                                                       | DATE    | INITIAL |
|-------|--------------------------------------------------------------------------|----------------------------------------------------------------|---------|---------|
| 625   | F) SAFETY ON FORCE <span>2 LBS MIN<br/>10 LBS MAX</span>                 | <u>8<sup>0</sup></u> <u>8<sup>0</sup></u> <u>8<sup>0</sup></u> | 1-26-05 | RTZ     |
| CONT. | G) SAFETY OFF FORCE <span>2 LBS MIN</span>                               | <u>2<sup>0</sup></u> <u>2<sup>0</sup></u> <u>2<sup>0</sup></u> | 1-26-05 | RTZ     |
|       | H) TRIGGER PULL TEST<br>AND RETAINABILITY                                |                                                                | 1-26-05 | RTZ     |
|       | I) FIRING PIN INDENT <span>.020 MIN</span>                               | <u>024</u> <u>024</u> <u>024</u>                               | 1-26-05 | RTZ     |
|       | J) ASSEMBLE STOCK                                                        |                                                                | 1-21-05 | RTZ     |
|       | K) ASSEMBLE SWIVEL<br>STUDS                                              |                                                                | 1-20-05 | RTZ     |
|       | L) ATTACH FRONT AND<br>REAR SIGHT ASSY'S                                 |                                                                |         |         |
|       | M) IRON SIGHT<br>ALIGNMENT                                               | NA                                                             |         |         |
|       | N) DETACH FRONT AND<br>REAR SIGHTS AND PLACE<br>IN NUMBERED CONTAINER    |                                                                |         |         |
| 640   | GALLERY TEST AND<br>TARGET                                               | PASS FAIL                                                      | 1-25-05 | TRW     |
|       | MALFUNCTION <i>Last rd feeds hard<br/>from magazine</i>                  | CORRECTION <u>OK</u>                                           | 1-26-05 | Ac      |
|       | MALFUNCTION                                                              | CORRECTION                                                     | NA      |         |
|       | MALFUNCTION                                                              | CORRECTION                                                     |         |         |
|       | MALFUNCTION                                                              | CORRECTION                                                     |         |         |
| 645   | INSPECT FOR LIVE AMMO                                                    |                                                                | 1-25-05 | TRW     |
| 655   | FINAL INSPECTION<br>A) HEADSPACE                                         |                                                                | 1-26-05 | RTZ     |
|       | B) TRIGGER PULL <span>+/- .5 LBS<br/>MIN 2.50 LBS<br/>MAX 4.0 LBS</span> | <u>2.46</u> <u>2.39</u> <u>2.44</u> <u>2.43</u> <u>2.41</u>    | 1-26-05 | RTZ     |
|       | C) FUNCTION                                                              |                                                                | 1-26-05 | RTZ     |
| 660   | PACK                                                                     |                                                                | 1-26-05 |         |

2.50 LBS (plus or minus 0.50 LBS)  
3.00 LBS (plus or minus 0.75 LBS)  
4.00 LBS (plus or minus 1.00 LBS)

DATE

1-14-05

TESTER

TRW

|         | 2.50 LBS<br>INITIAL | 2.50 LBS AFTER<br>50 CYCLES | FINAL TEST & TO RESET<br>2.50 LBS |       | COMMENTS |
|---------|---------------------|-----------------------------|-----------------------------------|-------|----------|
| PULL #1 | 2.28                | 2.10                        |                                   | 2.36  |          |
| PULL #2 | 2.35                | 2.11                        |                                   | 2.36  |          |
| PULL #3 | 2.49                | 2.08                        |                                   | 2.32  |          |
| PULL #4 | 2.44                | 2.11                        |                                   | 2.21  |          |
| PULL #5 | 2.31                | 2.00                        |                                   | 2.27  |          |
| TOTAL   | 11.87               | 10.40                       |                                   | 11.52 |          |
| AVERAGE | 2.37                | 2.08                        |                                   | 2.30  |          |

|         | 3.00 LBS<br>INITIAL | 3.00 LBS AFTER<br>20 CYCLES |  | COMMENTS |
|---------|---------------------|-----------------------------|--|----------|
| PULL #1 | 3.06                | 2.97                        |  |          |
| PULL #2 | 3.21                | 3.09                        |  |          |
| PULL #3 | 3.30                | 3.14                        |  |          |
| PULL #4 | 3.42                | 3.13                        |  |          |
| PULL #5 | 3.32                | 3.15                        |  |          |
| TOTAL   | 16.31               | 15.48                       |  |          |
| AVERAGE | 3.26                | 3.09                        |  |          |

|         | 4.00 LBS<br>INITIAL | 4.00 LBS AFTER<br>20 CYCLES | MAX SETTING GREATER<br>THAN 4 LBS | RESET TO 4 LBS FOR<br>TARGET & ACCURACY |
|---------|---------------------|-----------------------------|-----------------------------------|-----------------------------------------|
| PULL #1 | 4.23                | 4.37                        |                                   | 4.44                                    |
| PULL #2 | 4.00                | 4.28                        |                                   | 4.38                                    |
| PULL #3 | 4.35                | 4.18                        |                                   | 4.41                                    |
| PULL #4 | 4.36                | 4.19                        |                                   | 4.39                                    |
| PULL #5 | 4.35                | 4.26                        |                                   | 4.36                                    |
| TOTAL   | 21.29               | 21.28                       |                                   | 21.98                                   |
| AVERAGE | 4.25                | 4.25                        |                                   | 4.39                                    |

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6410233.\_\_1

FILE DATE AND TIME: 09/08/2005 11:34

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

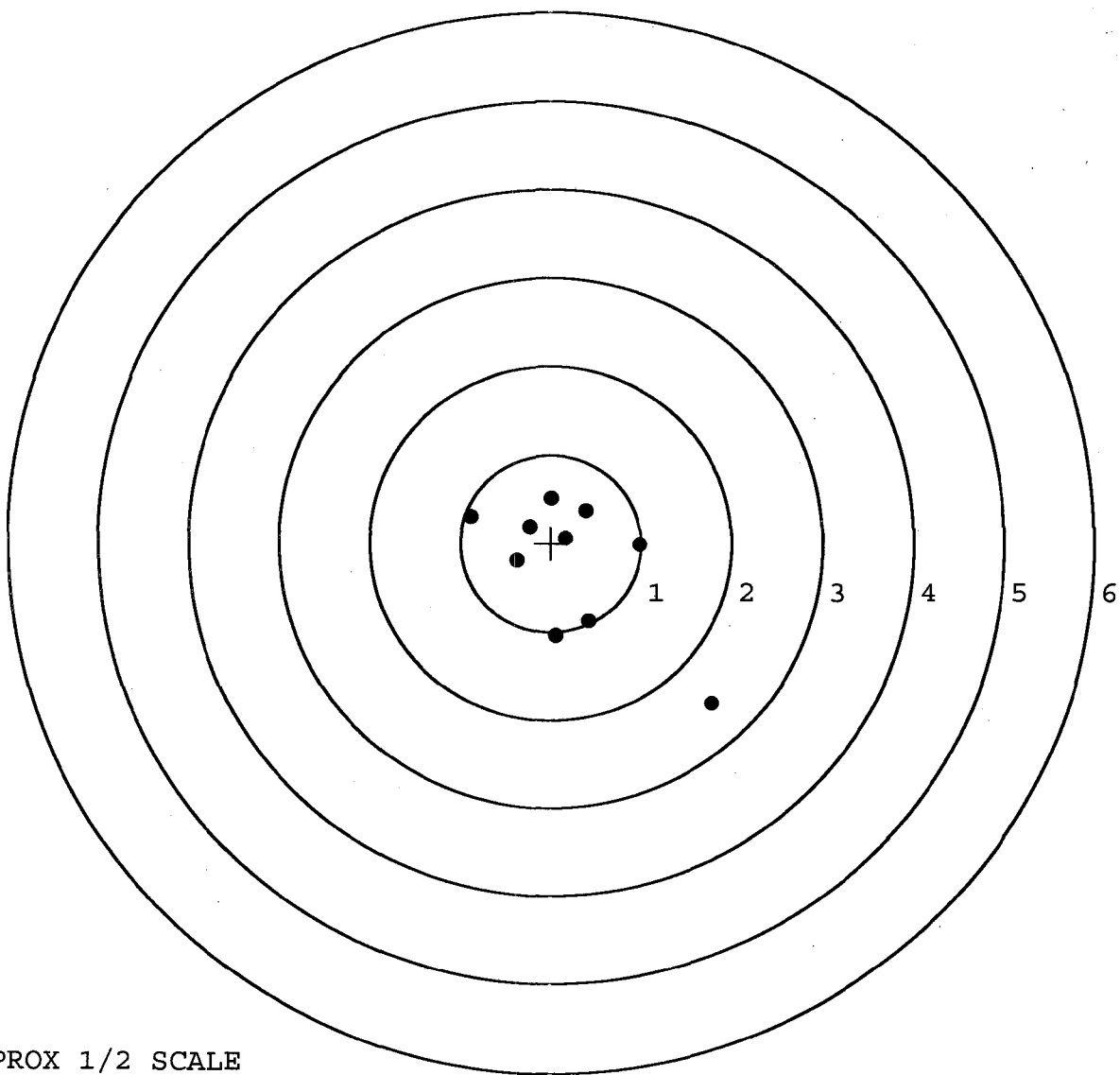
|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | 0.081  |
| The Average Y Centroid of the Five Target Set:              | -0.112 |
| The Average Point of Impact of the Five Target Set:         | 0.138  |
| The Average Mean Radius of the Five Target Set:             | 0.971  |
| The Distance from POA to Centroid Target #1:                | 0.343  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.757  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.074  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.512  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.252  |

**BARBER - M24 0148984**

SERIAL NUMBER: G6410233. 1  
 TARGET NUMBER: 1  
 FILE DATE: 09/08/2005  
 FILE TIME: 11:34

X CENTROID: 0.231  
 Y CENTROID: -0.253  
 POA TO CENTROID: 0.343  
 HORZ SPREAD: 2.659  
 VERT SPREAD: 2.324  
 GROUP SPREAD: 3.395  
 MIN RADIUS: 0.317  
 MAX RADIUS: 2.193  
 MEAN RADIUS: 0.871  
 # IN 1 IN DIAMETER: 1  
 # IN 2 IN DIAMETER: 8  
 # in 3 IN DIAMETER: 9

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.774  | -1.811 |
| 2:     | 0.424  | -0.881 |
| 3:     | 0.054  | -1.049 |
| 4:     | 0.982  | -0.020 |
| 5:     | 0.398  | 0.371  |
| 6:     | 0.165  | 0.057  |
| 7:     | 0.009  | 0.513  |
| 8:     | -0.230 | 0.192  |
| 9:     | -0.377 | -0.198 |
| 10:    | -0.885 | 0.300  |

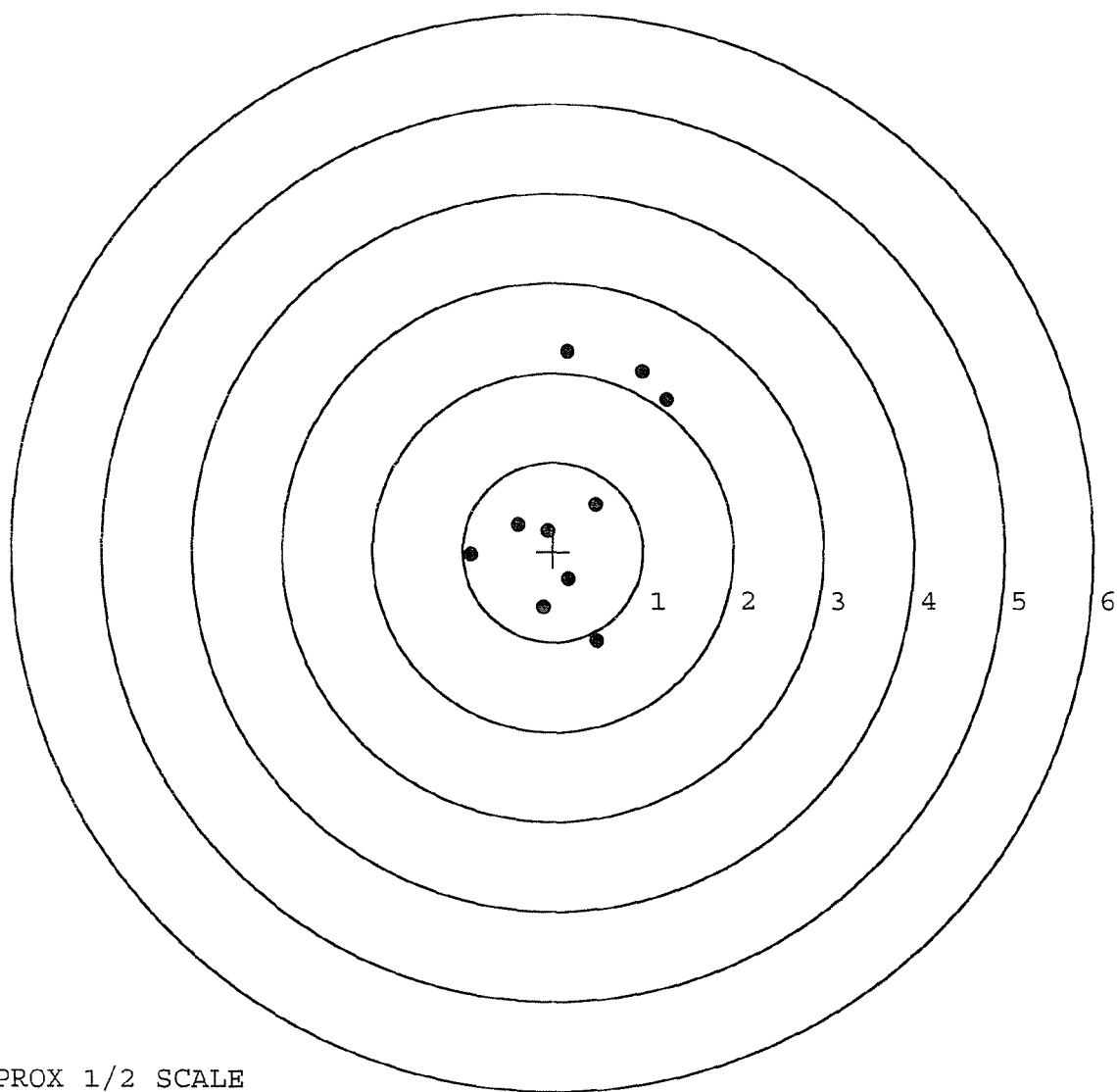


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6410233. \_\_1  
 TARGET NUMBER: 2  
 FILE DATE: 09/08/2005  
 FILE TIME: 11:34

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.486  | -0.990 |
| 2:     | -0.107 | -0.625 |
| 3:     | 0.167  | -0.310 |
| 4:     | 0.471  | 0.525  |
| 5:     | -0.062 | 0.231  |
| 6:     | -0.391 | 0.301  |
| 7:     | -0.913 | -0.043 |
| 8:     | 1.260  | 1.695  |
| 9:     | 0.990  | 2.015  |
| 10:    | 0.162  | 2.240  |

X CENTROID: 0.206  
 Y CENTROID: 0.504  
 POA TO CENTROID: 0.544  
 HORZ SPREAD: 2.173  
 VERT SPREAD: 3.230  
 GROUP SPREAD: 3.246  
 MIN RADIUS: 0.266  
 MAX RADIUS: 1.737  
 MEAN RADIUS: 1.106  
 # IN 1 IN DIAMETER: 2  
 # IN 2 IN DIAMETER: 4  
 # in 3 IN DIAMETER: 6

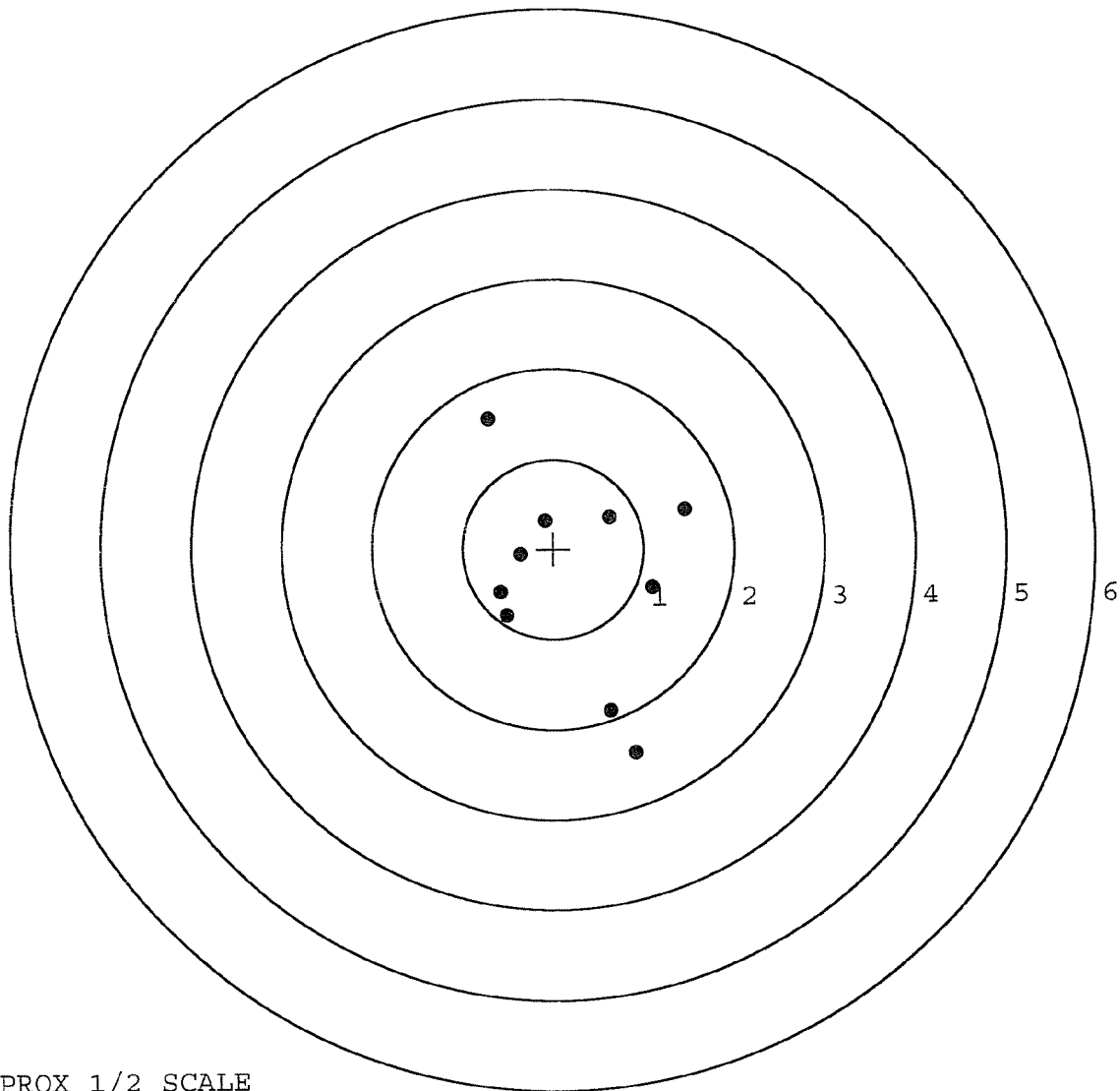


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6410233. \_\_1  
 TARGET NUMBER: 3  
 FILE DATE: 09/08/2005  
 FILE TIME: 11:34

X CENTROID: 0.240  
 Y CENTROID: -0.327  
 POA TO CENTROID: 0.405  
 HORZ SPREAD: 2.159  
 VERT SPREAD: 3.718  
 GROUP SPREAD: 4.045  
 MIN RADIUS: 0.662  
 MAX RADIUS: 2.049  
 MEAN RADIUS: 1.175  
 # IN 1 IN DIAMETER: 0  
 # IN 2 IN DIAMETER: 6  
 # in 3 IN DIAMETER: 7

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.089  | -0.443 |
| 2:     | 1.454  | 0.428  |
| 3:     | 0.623  | 0.348  |
| 4:     | -0.089 | 0.319  |
| 5:     | -0.366 | -0.060 |
| 6:     | -0.591 | -0.486 |
| 7:     | -0.522 | -0.746 |
| 8:     | 0.620  | -1.803 |
| 9:     | 0.888  | -2.270 |
| 10:    | -0.705 | 1.448  |

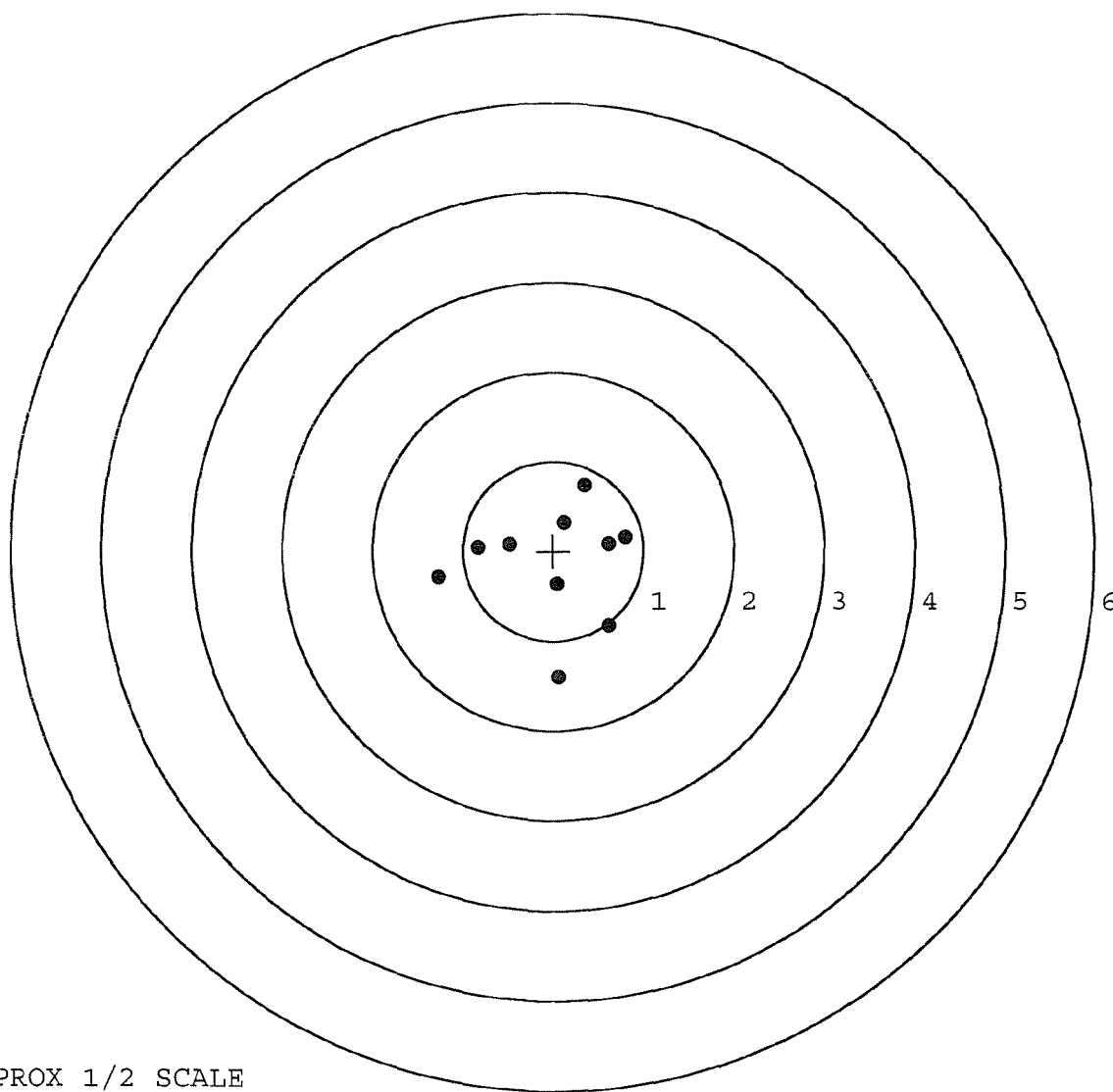


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6410233. \_\_1  
 TARGET NUMBER: 5  
 FILE DATE: 09/08/2005  
 FILE TIME: 11:34

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.616  | -0.832 |
| 2:     | 0.061  | -1.409 |
| 3:     | 0.794  | 0.159  |
| 4:     | 0.613  | 0.080  |
| 5:     | 0.043  | -0.371 |
| 6:     | 0.348  | 0.731  |
| 7:     | 0.117  | 0.316  |
| 8:     | -0.491 | 0.068  |
| 9:     | -0.831 | 0.034  |
| 10:    | -1.267 | -0.306 |

X CENTROID: 0.000  
 Y CENTROID: -0.153  
 POA TO CENTROID: 0.153  
 HORZ SPREAD: 2.061  
 VERT SPREAD: 2.140  
 GROUP SPREAD: 2.113  
 MIN RADIUS: 0.222  
 MAX RADIUS: 1.277  
 MEAN RADIUS: 0.801  
 # IN 1 IN DIAMETER: 2  
 # IN 2 IN DIAMETER: 8  
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE