

G 646 1687

**ORDER 25716**

M/24 7.62 NATO S.W.S. (COMPLETE SYSTE

**UPC**



0 47700 25716 7

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SERIAL NO.



66461687

**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



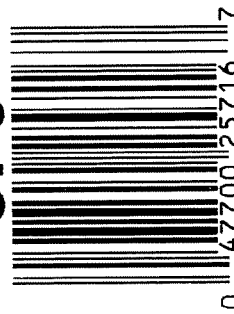
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

**G6461687**

**UPC**



## INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # 660461687

| OP #         | OPERATION NAME                                                                                                                         | READINGS                | DATE     | INITIAL    |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------|------------|
| 420 &<br>430 | ASSEMBLE ACTION<br>ASSEMBLE TO STOCK                                                                                                   |                         | 9-9-05   | RTL        |
| 440          | PROOF                                                                                                                                  |                         | 9-12-05  | RTL        |
| 460          | CHECK HEADSPACE                                                                                                                        | MAGNA-FLUX<br>INSPECTED | 9-13-05  | RTL        |
| 470          | DIS-ASSEMBLE ACTION                                                                                                                    | SEP 14 2005             | 9-13-05  | RTL        |
| 480 &<br>490 | MAGNAFLUX BBL ACTION<br>MAGNAFLUX BOLT                                                                                                 | 480 OPERATOR <i>win</i> | 9/14/05  | <i>win</i> |
| 500          | ROLLMARK CALIBER                                                                                                                       |                         | 9-14-05  | CW         |
| 510          | DRILL AND TAP<br>SIGHT HOLES                                                                                                           |                         | 9-13-05  | TRW        |
| 520          | GOFF BLAST BBL / REC                                                                                                                   |                         | 9-19-05  | LB         |
| 530 &<br>540 | APPLY COATINGS<br>(BARREL ACTION)                                                                                                      |                         | 9/20     | #P         |
|              | (BOLT)                                                                                                                                 |                         |          |            |
| 560          | RE-ASSEMBLE ACTION                                                                                                                     |                         | 9-22-05  | DA         |
|              | A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                                                                                                    |                         |          |            |
|              | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD                                                                         |                         | 9-22-05  | DA         |
|              | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                                                                                                 |                         | 9-22-05  | DA         |
|              | D) OIL FIRING PIN ASSEMBLY                                                                                                             |                         | 9-27-05  | RTL        |
|              | E) ADJUST TRIGGER PULL<br>TO MIN. SETTING AND<br>STAKE <span style="border: 1px solid black; padding: 2px;">2.50 LBS +/- .5 LBS</span> |                         | 12-13-05 | RG         |

REV-8405

| OP # OPERATION NAME |                                                                        | READINGS        |             |                                     | DATE     | INITIAL |
|---------------------|------------------------------------------------------------------------|-----------------|-------------|-------------------------------------|----------|---------|
| 560                 | F) SAFETY ON FORCE <div>2 LBS MIN<br/>10 LBS MAX</div>                 | <u>6.0</u>      | <u>6.0</u>  | <u>5.5</u>                          | 12-12-05 | TRW     |
| CONT.               |                                                                        |                 |             |                                     |          |         |
|                     | G) SAFETY OFF FORCE <div>2 LBS MIN</div>                               | <u>2.75</u>     | <u>2.5</u>  | <u>2.5</u>                          | 12-12-05 | TRW     |
|                     | H) TRIGGER PULL TEST<br>AND RETAINABILITY                              |                 |             |                                     |          |         |
|                     | I) FIRING PIN INDENT <div>.020 MIN</div>                               | <u>.024</u>     | <u>.024</u> | <u>.024</u>                         | 12-12-05 | TRW     |
|                     | J) ASSEMBLE STOCK                                                      |                 |             |                                     | 9-27-05  | RJL     |
|                     | K) ASSEMBLE SWIVEL<br>STUDS                                            |                 |             |                                     | 12-19-05 | BG      |
|                     | L) ATTACH FRONT AND<br>REAR SIGHT ASSY'S                               |                 |             |                                     | 9-28-05  | RJL     |
|                     | M) IRON SIGHT<br>ALIGNMENT                                             |                 |             |                                     | 9-28-05  | RJL     |
|                     | N) DETACH FRONT AND<br>REAR SIGHTS AND PLACE<br>IN NUMBERED CONTAINER  |                 |             |                                     | 9-28-05  | RJL     |
| 640 &<br>650        | FUNCTION TEST AND<br>TARGET                                            | <div>PASS</div> | FAIL        |                                     | 12/9/05  | MTM     |
|                     |                                                                        | <div>PASS</div> | FAIL        |                                     |          |         |
|                     | MALFUNCTION                                                            | CORRECTION      |             |                                     |          |         |
|                     | MALFUNCTION                                                            | CORRECTION NA   |             |                                     |          |         |
|                     | MALFUNCTION                                                            | CORRECTION      |             |                                     |          |         |
|                     | MALFUNCTION                                                            | CORRECTION      |             |                                     |          |         |
| 660                 | INSPECT FOR LIVE AMMO                                                  |                 |             |                                     | 12/9/05  | MTM     |
| 670                 | FINAL INSPECTION<br>A) HEADSPACE                                       |                 |             |                                     | 12-19-05 | BG      |
|                     | B) TRIGGER PULL <div>+/- .5 LBS<br/>MIN 2.50 LBS<br/>MAX 4.0 LBS</div> | <u>2.74</u>     | <u>2.33</u> | <u>2.56</u> <u>2.47</u> <u>2.66</u> | 12/12/05 | RJP     |
|                     | C) FUNCTION                                                            |                 |             |                                     | 12-19-05 | BG      |
| 690                 | PACK                                                                   |                 |             |                                     | 1-5-06   | RA      |

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS

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)

SERIAL NO.

DATE

TESTER

9/21/05

BG

|         | 2.50 LBS<br>INITIAL | 2.50 LBS AFTER<br>50 CYCLES | FINAL TEST & TO RESET<br>2.50 LBS |       | COMMENTS |
|---------|---------------------|-----------------------------|-----------------------------------|-------|----------|
| PULL #1 | 2.53                | 2.41                        |                                   | 2.72  |          |
| PULL #2 | 2.66                | 2.51                        |                                   | 2.48  |          |
| PULL #3 | 2.77                | 2.71                        |                                   | 2.50  |          |
| PULL #4 | 2.86                | 2.65                        |                                   | 2.60  |          |
| PULL #5 | 2.68                | 2.50                        |                                   | 2.59  |          |
| TOTAL   | 13.50               | 12.78                       |                                   | 12.89 |          |
| AVERAGE | 2.70                | 2.56                        |                                   | 2.58  |          |

|         | 3.00 LBS<br>INITIAL | 3.00 LBS AFTER<br>20 CYCLES |  | COMMENTS |
|---------|---------------------|-----------------------------|--|----------|
| PULL #1 | 3.60                | 2.86                        |  |          |
| PULL #2 | 3.29                | 2.92                        |  |          |
| PULL #3 | 2.94                | 3.08                        |  |          |
| PULL #4 | 3.18                | 3.12                        |  |          |
| PULL #5 | 2.91                | 2.96                        |  |          |
| TOTAL   | 15.32               | 14.94                       |  |          |
| AVERAGE | 3.06                | 2.99                        |  |          |

|         | 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 | 4.21                | 4.22                        |                                   | 4.31                                    |
| PULL #2 | 4.29                | 4.00                        |                                   | 4.44                                    |
| PULL #3 | 4.34                | 4.02                        |                                   | 4.17                                    |
| PULL #4 | 4.42                | 4.30                        |                                   | 4.24                                    |
| PULL #5 | 4.25                | 4.52                        |                                   | 4.15                                    |
| TOTAL   | 21.51               | 21.06                       |                                   | 21.31                                   |
| AVERAGE | 4.30                | 4.21                        |                                   | 4.26                                    |

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6461687.\_\_0  
FILE DATE AND TIME: 12/09/2005 22:48

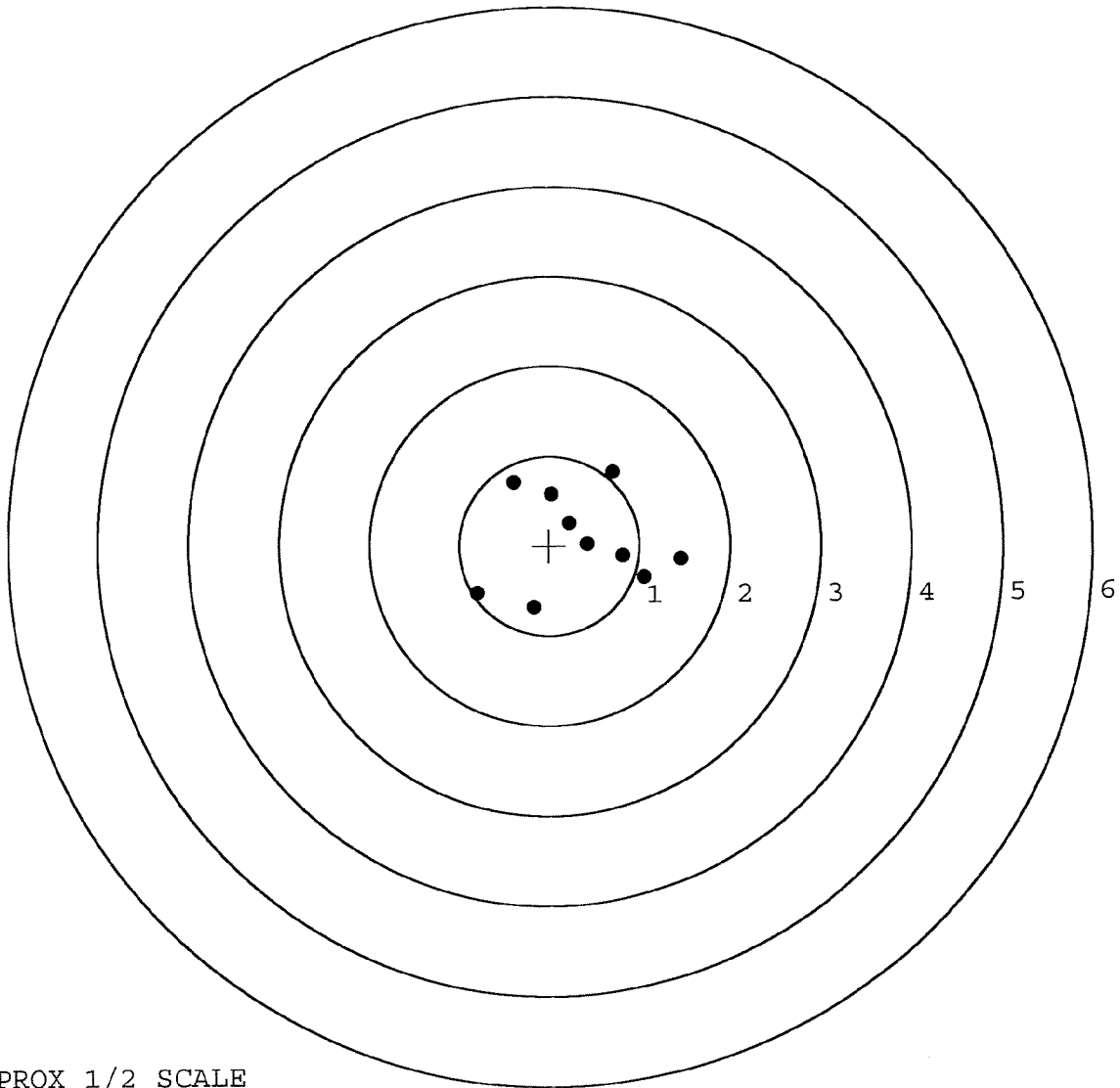
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |       |
|-------------------------------------------------------------|-------|
| The Average X Centroid of the Five Target Set:              | 0.129 |
| The Average Y Centroid of the Five Target Set:              | 0.007 |
| The Average Point of Impact of the Five Target Set:         | 0.129 |
| The Average Mean Radius of the Five Target Set:             | 0.811 |
| The Distance from POA to Centroid Target #1:                | 0.338 |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.492 |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.380 |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.416 |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.396 |

SERIAL NUMBER: G6461687. \_\_0  
 TARGET NUMBER: 1  
 FILE DATE: 12/09/2005  
 FILE TIME: 22:48

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.393 | 0.708  |
| 2:     | 0.027  | 0.578  |
| 3:     | 0.228  | 0.251  |
| 4:     | 0.420  | 0.020  |
| 5:     | -0.177 | -0.687 |
| 6:     | -0.801 | -0.526 |
| 7:     | 0.817  | -0.122 |
| 8:     | 1.052  | -0.363 |
| 9:     | 1.458  | -0.162 |
| 10:    | 0.708  | 0.818  |

X CENTROID: 0.334  
 Y CENTROID: 0.051  
 POA TO CENTROID: 0.338  
 HORZ SPREAD: 2.259  
 VERT SPREAD: 1.505  
 GROUP SPREAD: 2.288  
 MIN RADIUS: 0.092  
 MAX RADIUS: 1.273  
 MEAN RADIUS: 0.742  
 # IN 1 IN DIAMETER: 2  
 # IN 2 IN DIAMETER: 8  
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461687. 0

TARGET NUMBER: 2

FILE DATE: 12/09/2005

FILE TIME: 22:48

X CENTROID: -0.102

Y CENTROID: -0.177

POA TO CENTROID: 0.204

HORZ SPREAD: 2.198

VERT SPREAD: 2.157

GROUP SPREAD: 2.448

MIN RADIUS: 0.174

MAX RADIUS: 1.550

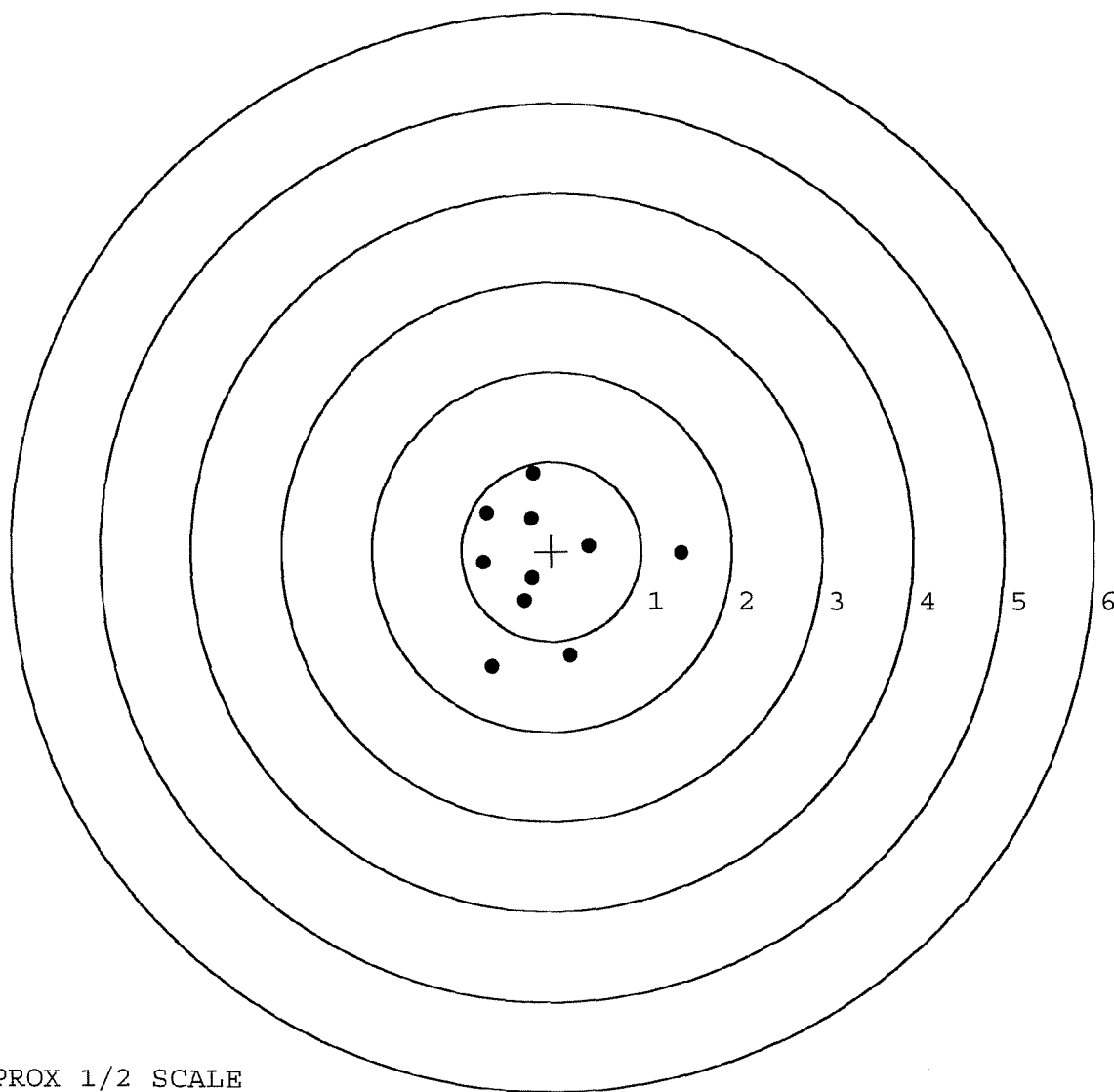
MEAN RADIUS: 0.813

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 6

# in 3 IN DIAMETER: 9

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.214 | -0.310 |
| 2:     | -0.298 | -0.554 |
| 3:     | 0.215  | -1.159 |
| 4:     | -0.660 | -1.286 |
| 5:     | -0.757 | -0.140 |
| 6:     | -0.726 | 0.422  |
| 7:     | -0.233 | 0.364  |
| 8:     | -0.213 | 0.871  |
| 9:     | 0.424  | 0.055  |
| 10:    | 1.441  | -0.029 |



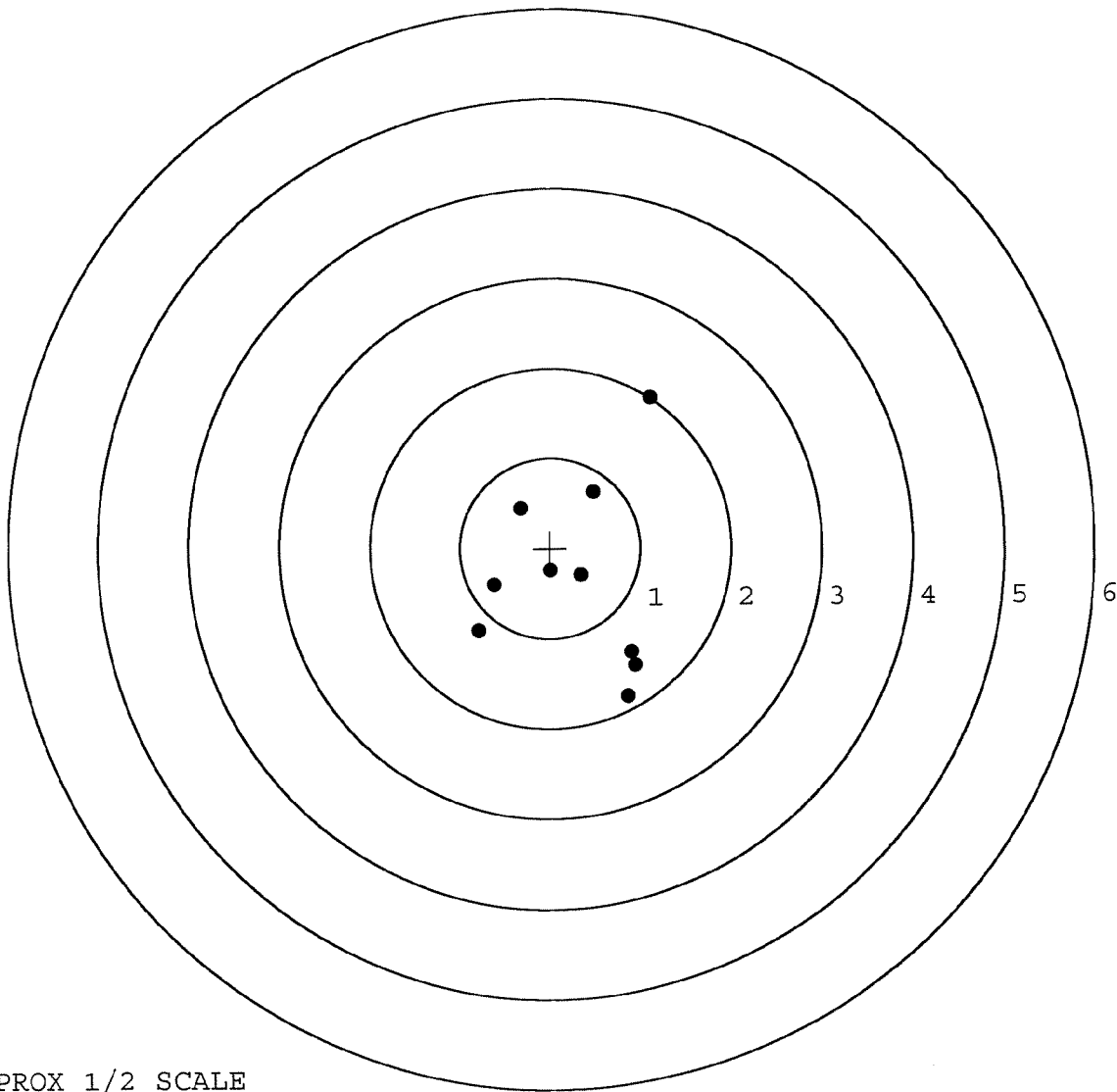
TARGET APPROX 1/2 SCALE

**BARBER - M24 0154779**

SERIAL NUMBER: G6461687. \_\_ 0  
 TARGET NUMBER: 3  
 FILE DATE: 12/09/2005  
 FILE TIME: 22:48

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.005  | -0.252 |
| 2:     | 0.345  | -0.302 |
| 3:     | -0.623 | -0.404 |
| 4:     | -0.799 | -0.909 |
| 5:     | -0.324 | 0.441  |
| 6:     | 0.480  | 0.623  |
| 7:     | 1.118  | 1.660  |
| 8:     | 0.899  | -1.157 |
| 9:     | 0.939  | -1.306 |
| 10:    | 0.856  | -1.652 |

X CENTROID: 0.290  
 Y CENTROID: -0.326  
 POA TO CENTROID: 0.436  
 HORZ SPREAD: 1.917  
 VERT SPREAD: 3.312  
 GROUP SPREAD: 3.322  
 MIN RADIUS: 0.060  
 MAX RADIUS: 2.152  
 MEAN RADIUS: 1.026  
 # IN 1 IN DIAMETER: 2  
 # IN 2 IN DIAMETER: 5  
 # in 3 IN DIAMETER: 9

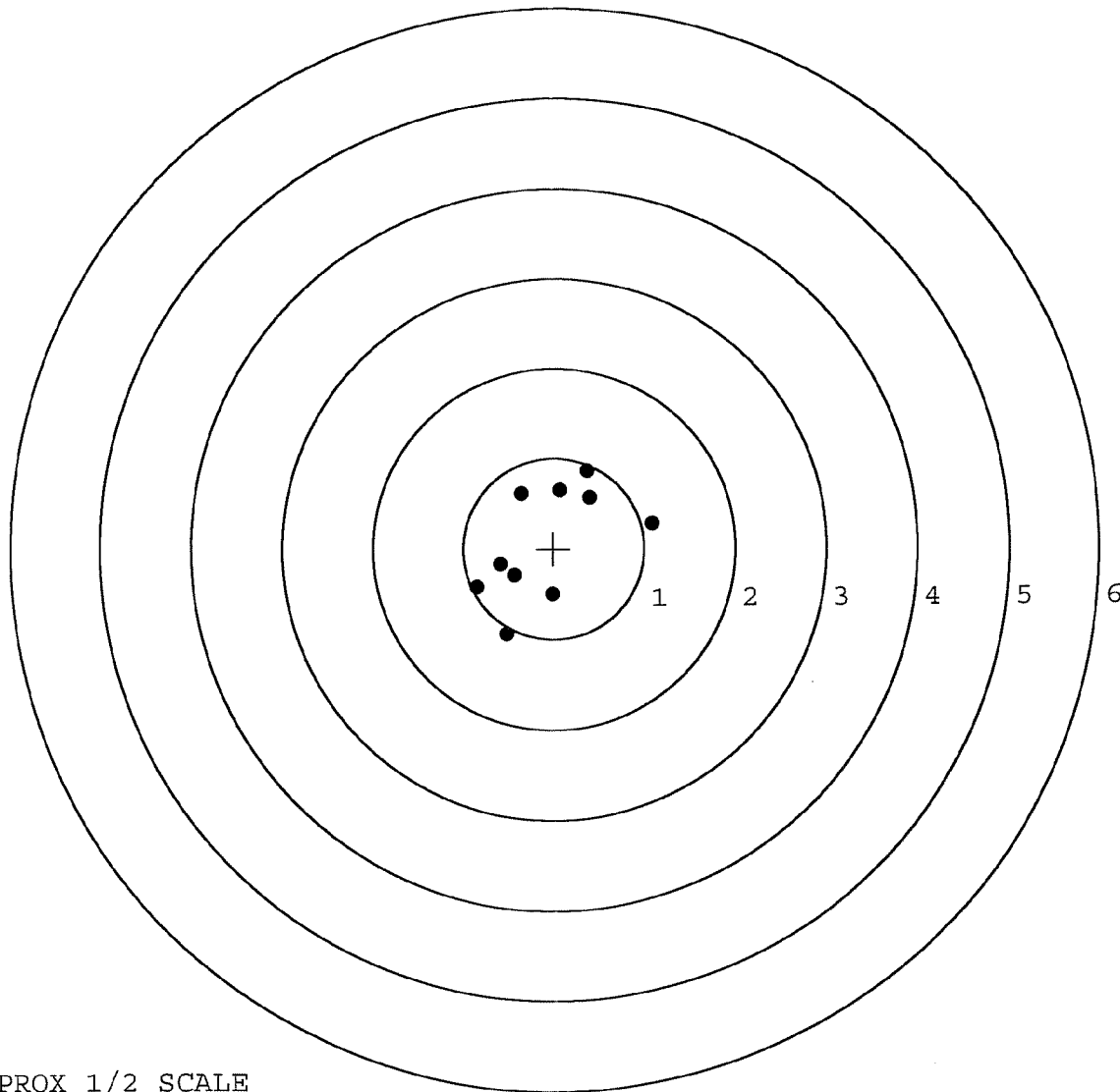


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461687. \_\_0  
 TARGET NUMBER: 4  
 FILE DATE: 12/09/2005  
 FILE TIME: 22:48

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.017 | -0.511 |
| 2:     | -0.436 | -0.298 |
| 3:     | -0.587 | -0.169 |
| 4:     | -0.847 | -0.425 |
| 5:     | -0.521 | -0.943 |
| 6:     | -0.358 | 0.608  |
| 7:     | 0.076  | 0.646  |
| 8:     | 0.377  | 0.860  |
| 9:     | 0.406  | 0.564  |
| 10:    | 1.087  | 0.273  |

X CENTROID: -0.082  
 Y CENTROID: 0.060  
 POA TO CENTROID: 0.102  
 HORZ SPREAD: 1.934  
 VERT SPREAD: 1.803  
 GROUP SPREAD: 2.056  
 MIN RADIUS: 0.504  
 MAX RADIUS: 1.188  
 MEAN RADIUS: 0.767  
 # IN 1 IN DIAMETER: 0  
 # IN 2 IN DIAMETER: 8  
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461687. \_\_0

TARGET NUMBER: 5

FILE DATE: 12/09/2005

FILE TIME: 22:48

X CENTROID: 0.204

Y CENTROID: 0.425

POA TO CENTROID: 0.472

HORZ SPREAD: 2.098

VERT SPREAD: 1.923

GROUP SPREAD: 2.146

MIN RADIUS: 0.048

MAX RADIUS: 1.278

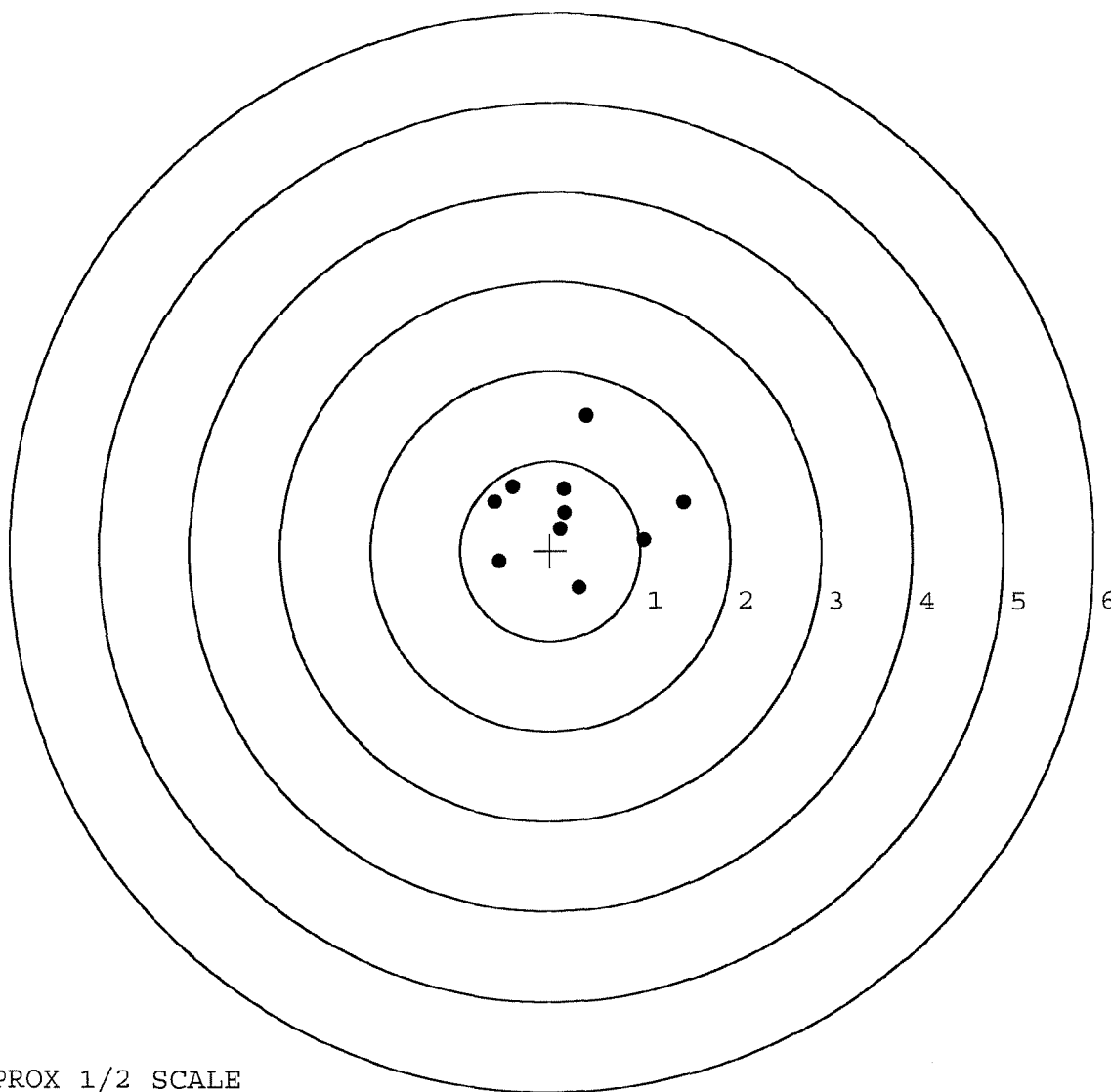
MEAN RADIUS: 0.711

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.107  | 0.243  |
| 2:     | 0.150  | 0.685  |
| 3:     | -0.422 | 0.719  |
| 4:     | -0.621 | 0.550  |
| 5:     | -0.567 | -0.118 |
| 6:     | 0.323  | -0.415 |
| 7:     | 1.043  | 0.121  |
| 8:     | 1.477  | 0.536  |
| 9:     | 0.394  | 1.508  |
| 10:    | 0.156  | 0.425  |



TARGET APPROX 1/2 SCALE