

G-659 1627

**ORDER 25716**

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

**UPC**



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**UPC**



SERIAL NO.



**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



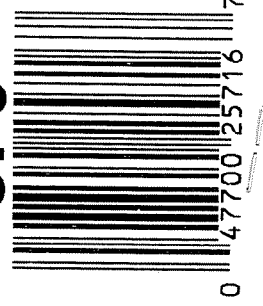
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

**G6591627**

**UPC**



## INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6591627

| OP #            | OPERATION NAME                                                                                                                         | READINGS                | DATE    | INITIAL |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------|-------------------------|---------|---------|
| 410             | SERIALIZE BOLT HANDLE                                                                                                                  |                         | 9-8-06  | RJC     |
| 420             | ASSEMBLE ACTION                                                                                                                        |                         | 9-14-06 | RTZ     |
| 430             | ASSEMBLE TO STOCK                                                                                                                      |                         | 9-15-06 | R.P.D.  |
| 440             | PROOF                                                                                                                                  |                         | 9-15-06 | R.P.D.  |
| 460             | CHECK HEADSPACE                                                                                                                        | MAGNA-FLUX<br>INSPECTED | 9-15-06 | R.P.D.  |
| 470             | DIS-ASSEMBLE ACTION                                                                                                                    | SEP 21 2006             |         |         |
| 480             | MAGNAFLUX BBL ACTION                                                                                                                   | OPERATOR (P.D.)         | 9-21-06 | APD     |
| 490             | MAGNAFLUX BOLT                                                                                                                         |                         |         |         |
| 500             | ROLLMARK CALIBER                                                                                                                       |                         | 9-20-06 | CW      |
| 510             | DRILL AND TAP<br>SIGHT HOLES                                                                                                           |                         | 9-20-06 | TRW     |
| 520             | GOFF BLAST BBL / REC                                                                                                                   |                         | 9-21-06 | LB      |
| 530 &<br>540    | APPLY COATINGS<br>(BARREL ACTION)                                                                                                      |                         | 9/20    | HA      |
|                 | (BOLT)                                                                                                                                 |                         |         |         |
| 560             | RE-ASSEMBLE ACTION                                                                                                                     |                         |         |         |
|                 | A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                                                                                                    |                         | 9/28/06 | DA      |
|                 | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD                                                                         |                         | 9/28/06 | DA      |
|                 | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                                                                                                 |                         | 9/28/06 | DA      |
|                 | D) OIL FIRING PIN ASSEMBLY                                                                                                             |                         | 9-28-06 | BLG     |
|                 | 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> |                         |         |         |
| F004 REV 5/2006 |                                                                                                                                        |                         |         |         |

| OP #         | OPERATION NAME                                                           | READINGS                                                       | DATE    | INITIAL |
|--------------|--------------------------------------------------------------------------|----------------------------------------------------------------|---------|---------|
| 560          | F) SAFETY ON FORCE <span>2 LBS MIN<br/>10 LBS MAX</span>                 | <u>7<sup>2</sup></u> <u>7<sup>3</sup></u> <u>8<sup>2</sup></u> | 10-3-06 | SD      |
| CONT.        |                                                                          |                                                                |         |         |
|              | G) SAFETY OFF FORCE <span>2 LBS MIN</span>                               | <u>6<sup>2</sup></u> <u>6<sup>2</sup></u> <u>5<sup>8</sup></u> | 10-3-06 | SD      |
|              | H) TRIGGER PULL TEST<br>AND RETAINABILITY                                |                                                                |         |         |
|              | I) FIRING PIN INDENT <span>.020 MIN</span>                               | <u>.026</u> <u>.027</u> <u>.027</u>                            | 10-3-06 | SD      |
|              | J) ASSEMBLE STOCK                                                        |                                                                | 9-29-06 | BLG     |
|              | K) ASSEMBLE SWIVEL<br>STUDS                                              |                                                                | 11-7-06 | RTZ     |
|              | L) ATTACH FRONT AND<br>REAR SIGHT ASSY'S                                 |                                                                | 9-29-06 | BLG     |
|              | M) IRON SIGHT<br>ALIGNMENT                                               |                                                                | 9-29-06 | BLG     |
|              | N) DETACH FRONT AND<br>REAR SIGHTS AND PLACE<br>IN NUMBERED CONTAINER    |                                                                | 9-29-06 | BLG     |
| 640 &<br>650 | FUNCTION TEST AND<br>TARGET                                              | <u>PASS</u> FAIL<br><u>PASS</u> FAIL                           | 10-2-06 | TRL     |
|              | MALFUNCTION                                                              | CORRECTION                                                     |         |         |
|              | MALFUNCTION                                                              | CORRECTION                                                     |         |         |
|              | MALFUNCTION                                                              | CORRECTION                                                     |         |         |
|              | MALFUNCTION                                                              | CORRECTION                                                     |         |         |
| 660          | INSPECT FOR LIVE AMMO                                                    |                                                                | 11-7-06 | RTZ     |
| 670          | FINAL INSPECTION<br>A) HEADSPACE                                         |                                                                | 11-7-06 | RTZ     |
|              | B) TRIGGER PULL <span>+/- .5 LBS<br/>MIN 2.50 LBS<br/>MAX 4.0 LBS</span> | <u>2.58</u> <u>2.75</u> <u>2.74</u> <u>2.75</u> <u>2.80</u>    | 10-3-06 | DA      |
|              | C) FUNCTION                                                              |                                                                | 11-7-06 | RTZ     |
| 690          | PACK                                                                     |                                                                | 11/9/06 | DA      |

F004 REV 5/2006

**BARBER - M24 0168836**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)

DATE 9-28-06TESTER RP

|         | 2.50 LBS<br>INITIAL | 2.50 LBS AFTER 50<br>CYCLES | FINAL TEST & TO RESET<br>2.50 LBS |      | COMMENTS |
|---------|---------------------|-----------------------------|-----------------------------------|------|----------|
| PULL #1 | 243                 | 243                         |                                   | 253  |          |
| PULL #2 | 235                 | 258                         |                                   | 253  |          |
| PULL #3 | 246                 | 254                         |                                   | 253  |          |
| PULL #4 | 247                 | 258                         |                                   | 251  |          |
| PULL #5 | 250                 | 256                         |                                   | 252  |          |
| TOTAL   | 1221                | 1269                        |                                   | 1262 |          |
| AVERAGE | 244                 | 253                         |                                   | 252  |          |

|         | 3.00 LBS<br>INITIAL | 3.00 LBS AFTER 20<br>CYCLES |  | COMMENTS |
|---------|---------------------|-----------------------------|--|----------|
| PULL #1 | 303                 | 301                         |  |          |
| PULL #2 | 307                 | 304                         |  |          |
| PULL #3 | 308                 | 305                         |  |          |
| PULL #4 | 309                 | 312                         |  |          |
| PULL #5 | 308                 | 311                         |  |          |
| TOTAL   | 1535                | 1533                        |  |          |
| AVERAGE | 307                 | 306                         |  |          |

|         | 4.00 LBS<br>INITIAL | 4.00 LBS AFTER 20<br>CYCLES | MAX SETTING GREATER<br>THAN 4 LBS | RESET TO 4 LBS FOR<br>TARGET & ACCURACY |
|---------|---------------------|-----------------------------|-----------------------------------|-----------------------------------------|
| PULL #1 | 402                 | 399                         |                                   | 408                                     |
| PULL #2 | 402                 | 409                         |                                   | 410                                     |
| PULL #3 | 404                 | 397                         |                                   | 403                                     |
| PULL #4 | 401                 | 398                         |                                   | 402                                     |
| PULL #5 | 404                 | 408                         |                                   | 404                                     |
| TOTAL   | 2013                | 2011                        |                                   | 2027                                    |
| AVERAGE | 402                 | 402                         |                                   | 405                                     |

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6591627.\_\_\_0  
FILE DATE AND TIME: 10/02/2006 23:19

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.077 |
| The Average Y Centroid of the Five Target Set:              | -0.033 |
| The Average Point of Impact of the Five Target Set:         | 0.083  |
| The Average Mean Radius of the Five Target Set:             | 0.867  |
| The Distance from POA to Centroid Target #1:                | 0.205  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.306  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.243  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.430  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.314  |

SERIAL NUMBER: G6591627. 0

TARGET NUMBER: 1

FILE DATE: 10/02/2006

FILE TIME: 23:19

X CENTROID: -0.112

Y CENTROID: 0.172

POA TO CENTROID: 0.205

HORZ SPREAD: 2.192

VERT SPREAD: 1.909

GROUP SPREAD: 2.388

MIN RADIUS: 0.356

MAX RADIUS: 1.471

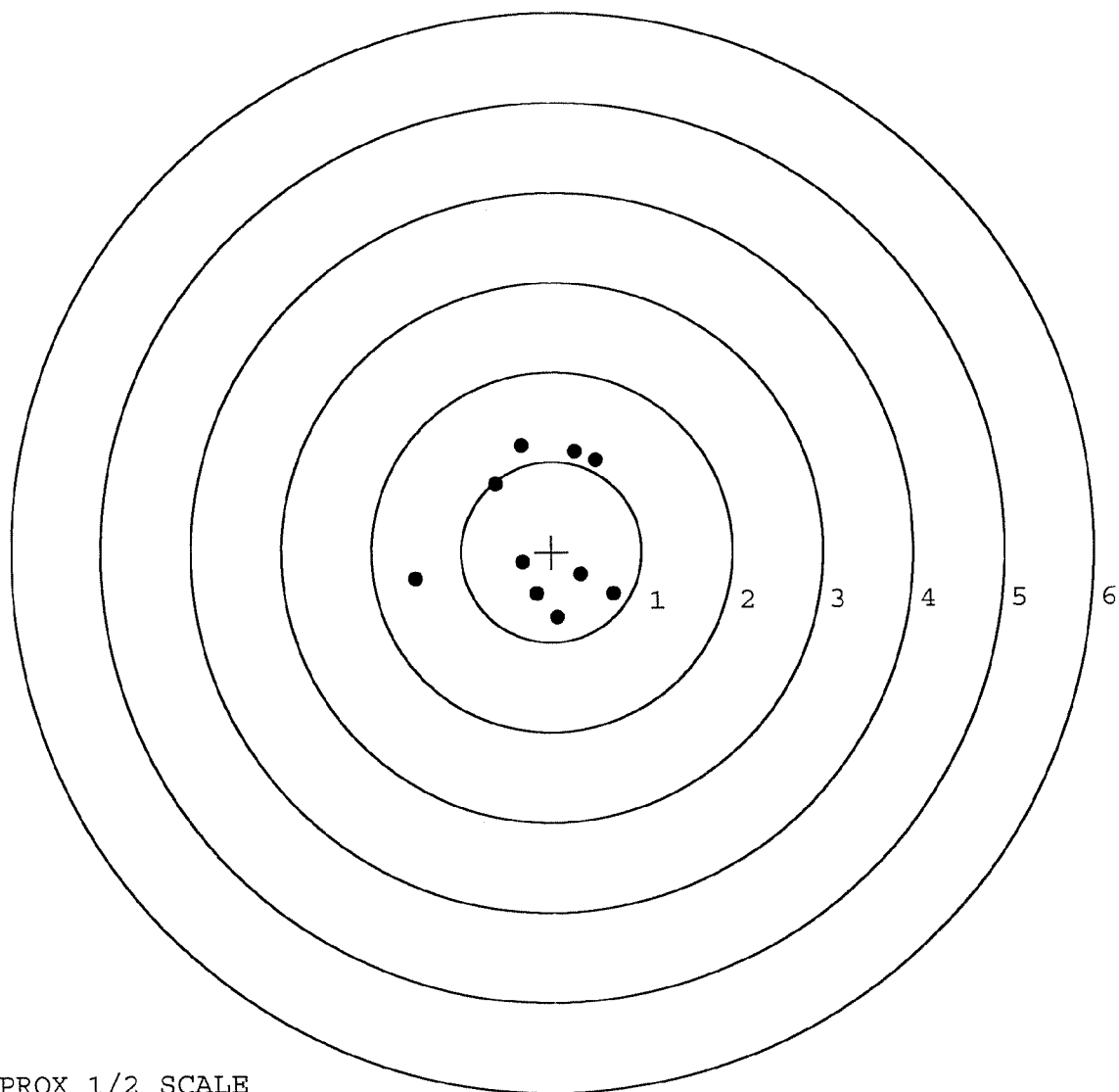
MEAN RADIUS: 0.888

# IN 1 IN DIAMETER: 1

# IN 2 IN DIAMETER: 5

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.614 | 0.759  |
| 2:     | -0.332 | 1.180  |
| 3:     | 0.266  | 1.112  |
| 4:     | 0.496  | 1.008  |
| 5:     | -0.324 | -0.114 |
| 6:     | -0.171 | -0.471 |
| 7:     | 0.063  | -0.729 |
| 8:     | 0.321  | -0.257 |
| 9:     | 0.683  | -0.477 |
| 10:    | -1.509 | -0.289 |

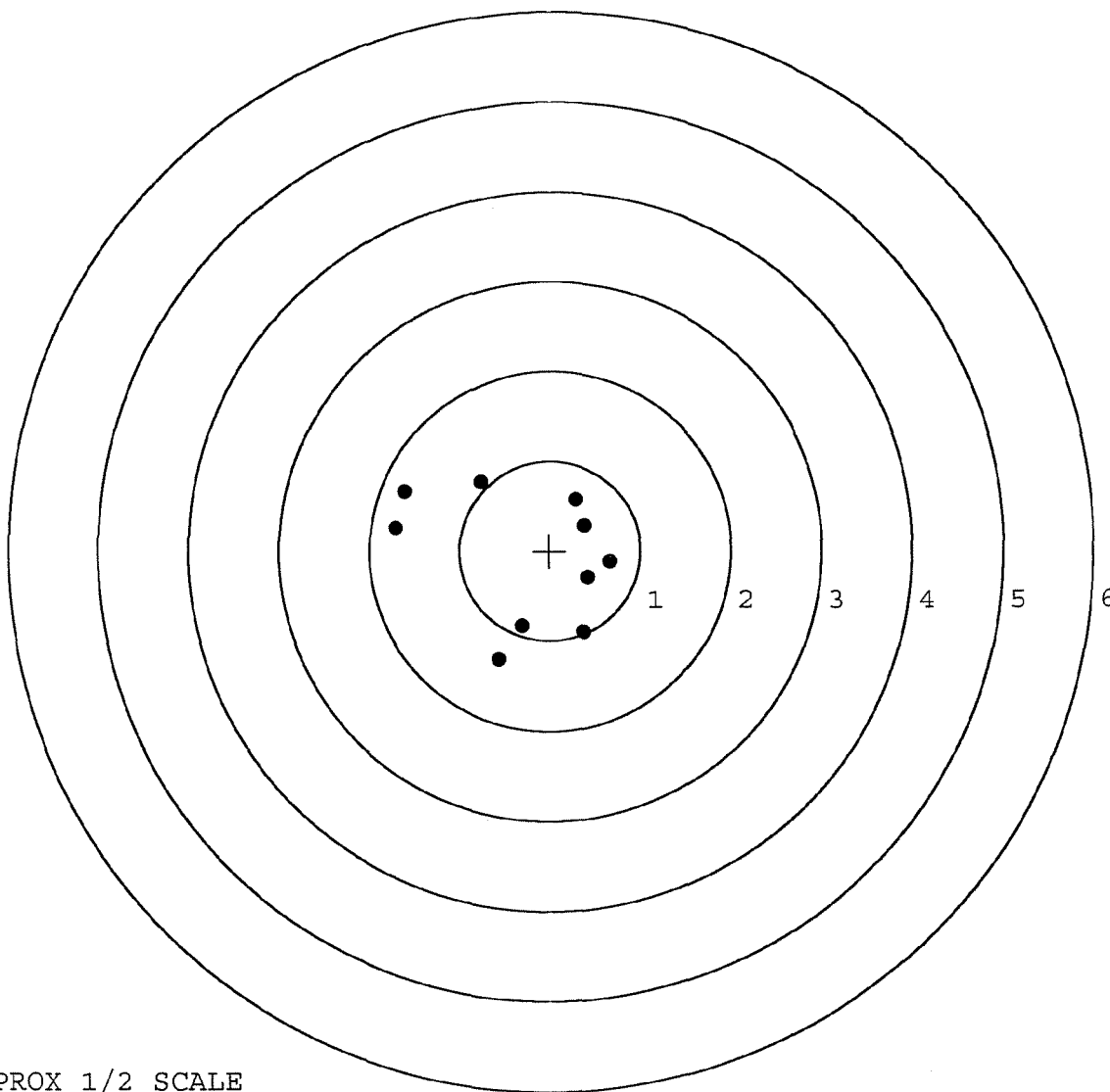


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6591627. \_\_0  
 TARGET NUMBER: 2  
 FILE DATE: 10/02/2006  
 FILE TIME: 23:19

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -1.711 | 0.263  |
| 2:     | -1.611 | 0.671  |
| 3:     | -0.765 | 0.775  |
| 4:     | 0.288  | 0.572  |
| 5:     | 0.385  | 0.284  |
| 6:     | 0.673  | -0.123 |
| 7:     | 0.423  | -0.298 |
| 8:     | 0.374  | -0.913 |
| 9:     | -0.308 | -0.844 |
| 10:    | -0.561 | -1.212 |

X CENTROID: -0.281  
 Y CENTROID: -0.082  
 POA TO CENTROID: 0.293  
 HORZ SPREAD: 2.384  
 VERT SPREAD: 1.987  
 GROUP SPREAD: 2.540  
 MIN RADIUS: 0.737  
 MAX RADIUS: 1.528  
 MEAN RADIUS: 1.029  
 # IN 1 IN DIAMETER: 0  
 # IN 2 IN DIAMETER: 6  
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6591627. 0

TARGET NUMBER: 3

FILE DATE: 10/02/2006

FILE TIME: 23:19

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -1.057 | 0.283  |
| 2:     | -0.678 | 0.364  |
| 3:     | -0.059 | 0.304  |
| 4:     | 0.212  | 0.225  |
| 5:     | 1.205  | 0.497  |
| 6:     | 0.666  | -0.218 |
| 7:     | 0.141  | -0.263 |
| 8:     | 0.138  | -0.954 |
| 9:     | -0.376 | -0.570 |
| 10:    | -0.730 | -0.301 |

X CENTROID: -0.054

Y CENTROID: -0.063

POA TO CENTROID: 0.083

HORZ SPREAD: 2.262

VERT SPREAD: 1.451

GROUP SPREAD: 2.272

MIN RADIUS: 0.279

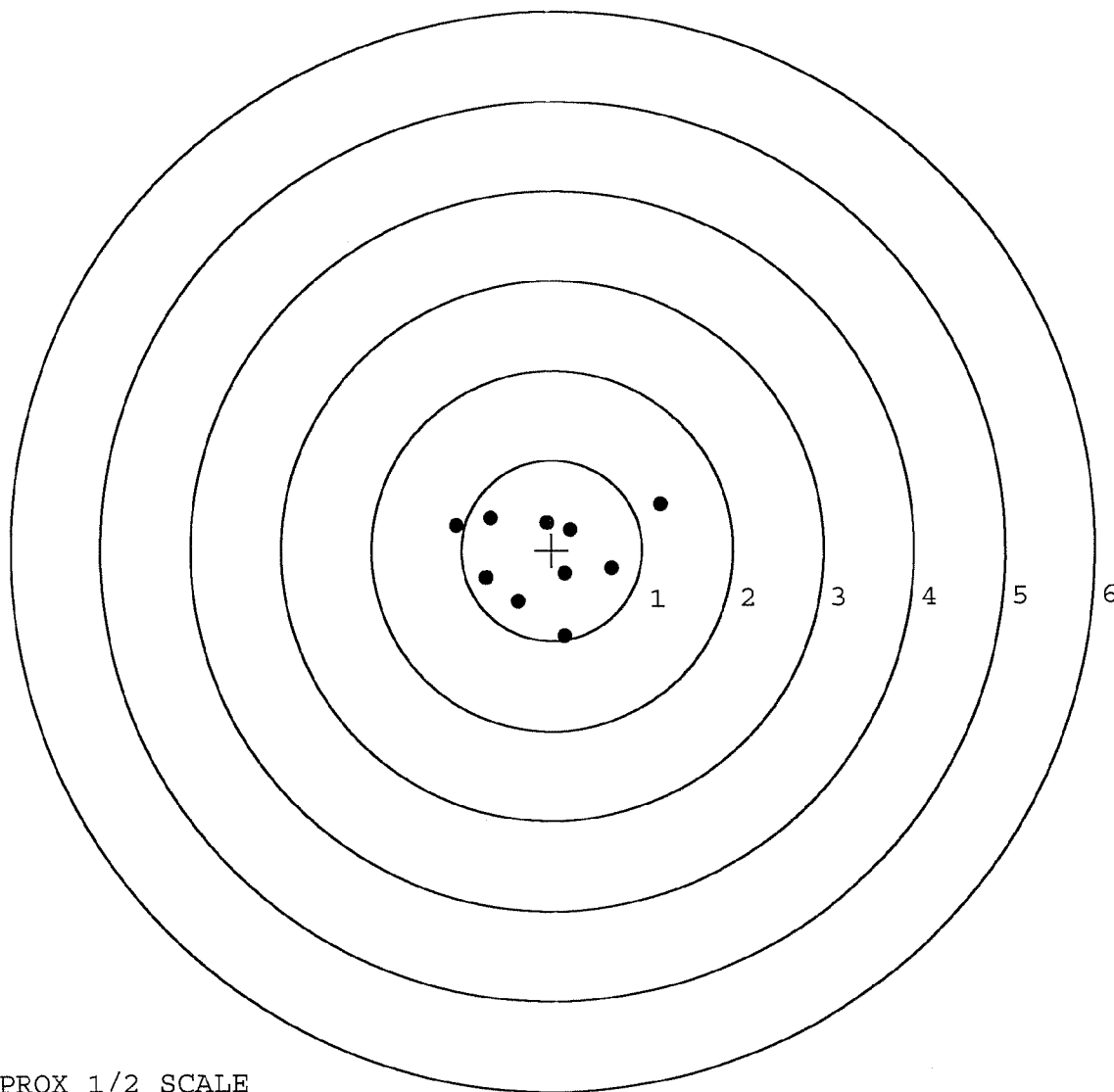
MAX RADIUS: 1.378

MEAN RADIUS: 0.720

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 10

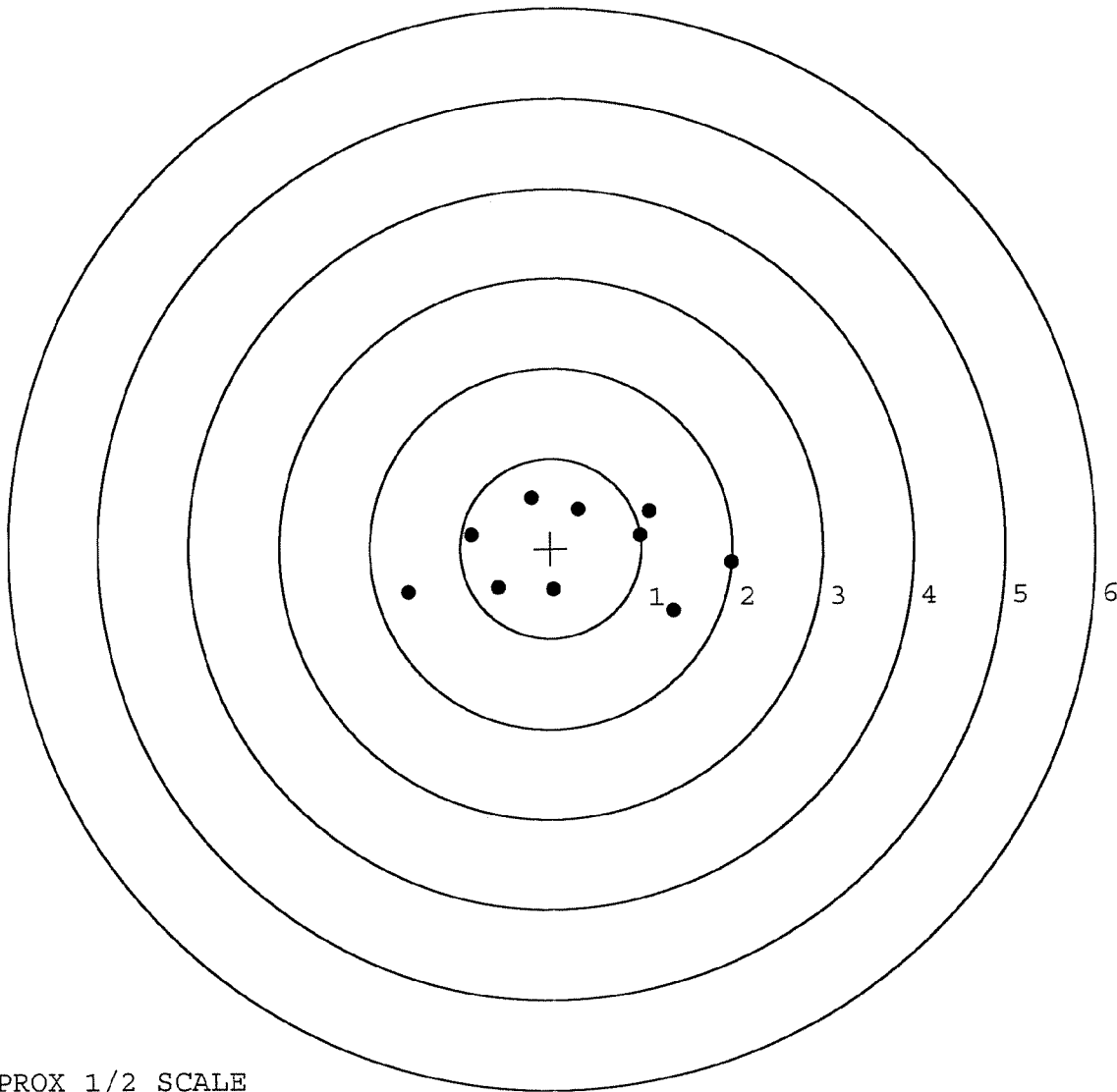


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6591627.\_\_\_\_0  
 TARGET NUMBER: 4  
 FILE DATE: 10/02/2006  
 FILE TIME: 23:19

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.211 | 0.562  |
| 2:     | 0.308  | 0.427  |
| 3:     | 1.090  | 0.406  |
| 4:     | 0.990  | 0.139  |
| 5:     | 1.989  | -0.175 |
| 6:     | 1.347  | -0.708 |
| 7:     | 0.029  | -0.463 |
| 8:     | -0.581 | -0.437 |
| 9:     | -1.575 | -0.480 |
| 10:    | -0.875 | 0.158  |

X CENTROID: 0.251  
 Y CENTROID: -0.057  
 POA TO CENTROID: 0.258  
 HORZ SPREAD: 3.564  
 VERT SPREAD: 1.270  
 GROUP SPREAD: 3.577  
 MIN RADIUS: 0.463  
 MAX RADIUS: 1.874  
 MEAN RADIUS: 1.040  
 # IN 1 IN DIAMETER: 2  
 # IN 2 IN DIAMETER: 6  
 # in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6591627. \_\_0

TARGET NUMBER: 5

FILE DATE: 10/02/2006

FILE TIME: 23:19

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -1.062 | 0.672  |
| 2:     | -0.369 | 0.552  |
| 3:     | -0.201 | 0.385  |
| 4:     | 0.415  | 0.366  |
| 5:     | -0.631 | -0.324 |
| 6:     | -0.198 | -0.226 |
| 7:     | -0.089 | -0.671 |
| 8:     | 0.174  | -0.438 |
| 9:     | 0.512  | -0.526 |
| 10:    | -0.418 | -1.123 |

X CENTROID: -0.187

Y CENTROID: -0.133

POA TO CENTROID: 0.229

HORZ SPREAD: 1.574

VERT SPREAD: 1.795

GROUP SPREAD: 1.978

MIN RADIUS: 0.093

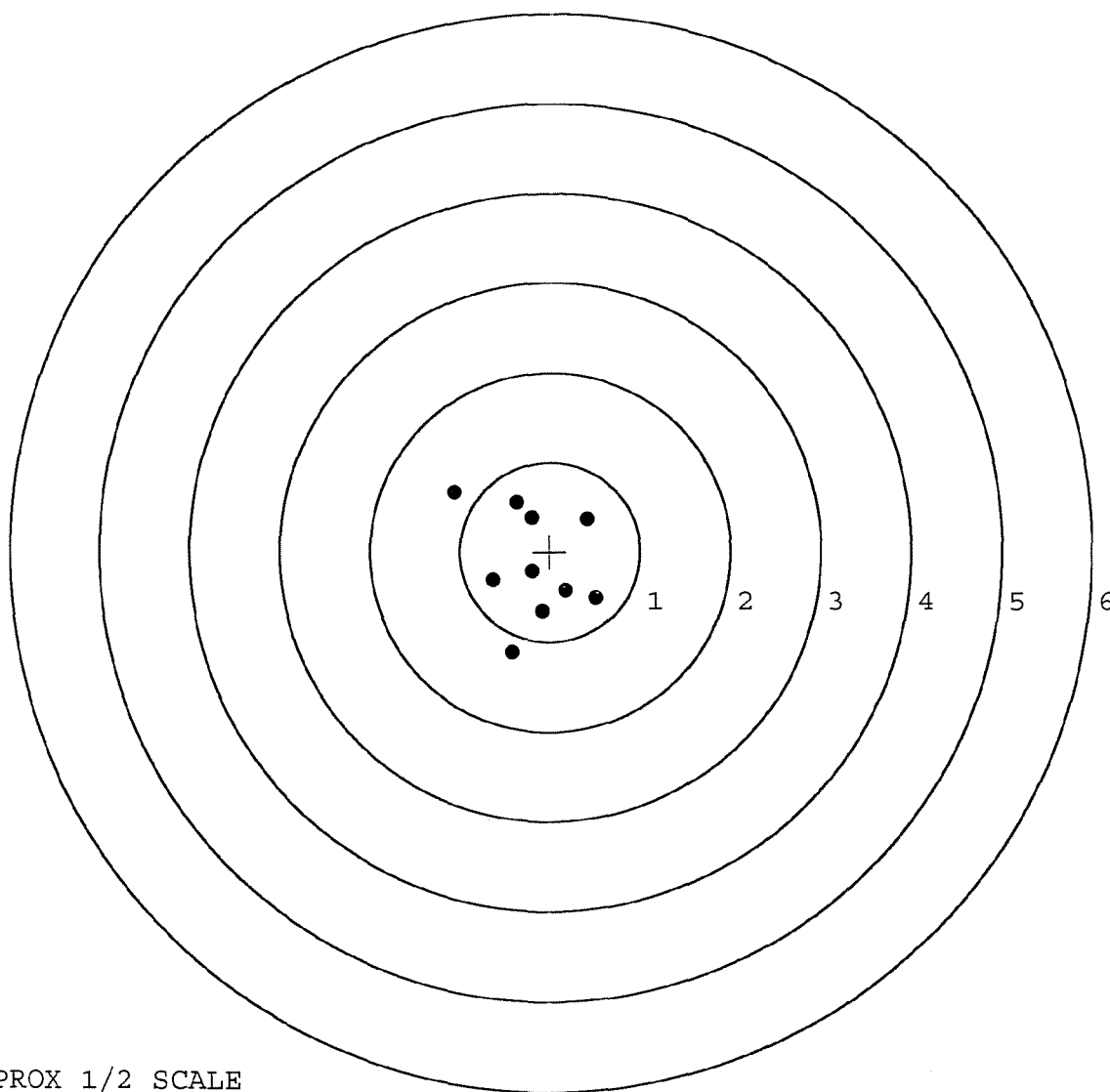
MAX RADIUS: 1.189

MEAN RADIUS: 0.661

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE