

G 6577109

**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



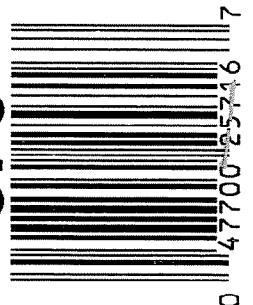
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

**G6577109**

**UPC**



**ORDER 25716**

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

**UPC**



**ORDER 25716**

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

**UPC**



SERIAL NO.



## INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6577109

| OP #         | OPERATION NAME                                                                                                                         | READINGS            | DATE    | INITIAL |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------|---------------------|---------|---------|
| 410          | SERIALIZE BOLT HANDLE                                                                                                                  |                     | 6/21/06 | RLG     |
| 420          | ASSEMBLE ACTION                                                                                                                        |                     | 6/22/06 | BLG     |
| 430          | ASSEMBLE TO STOCK                                                                                                                      |                     | 6-23-06 | R.P.    |
| 440          | PROOF                                                                                                                                  | MAGNA-FLUX          | 6-23-06 | TRW     |
| 460          | CHECK HEADSPACE                                                                                                                        | INSPECTED           | 6-23-06 | TRW     |
| 470          | DIS-ASSEMBLE ACTION                                                                                                                    | JUN 27 2006         | 6-26-06 | BLG     |
| 480          | MAGNAFLUX BBL ACTION                                                                                                                   | OPERATOR <u>APD</u> | 6-27-06 | APD     |
| 490          | MAGNAFLUX BOLT                                                                                                                         |                     |         |         |
| 500          | ROLLMARK CALIBER                                                                                                                       |                     | 6-27-06 | CW      |
| 510          | DRILL AND TAP<br>SIGHT HOLES                                                                                                           |                     | 6-26-06 | TRW     |
| 520          | GOFF BLAST BBL / REC                                                                                                                   |                     | 6-28-06 | (L)     |
| 530 &<br>540 | APPLY COATINGS<br>(BARREL ACTION)                                                                                                      |                     | 7/12    | HP      |
|              | (BOLT)                                                                                                                                 |                     |         |         |
| 560          | RE-ASSEMBLE ACTION                                                                                                                     |                     |         |         |
|              | A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                                                                                                    |                     | 7-19-06 | RTZ     |
|              | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD                                                                         |                     | 7-19-06 | RTZ     |
|              | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                                                                                                 |                     | 7-19-06 | RTZ     |
|              | D) OIL FIRING PIN ASSEMBLY                                                                                                             |                     | 7-19-06 | RTZ     |
|              | 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> |                     | 8-17-06 | MTM     |

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>5.0</u> <u>5.0</u> <u>5.0</u>                            | 8-15-06  | RA      |
| CONT.        | G) SAFETY OFF FORCE <span>2 LBS MIN</span>                               | <u>2.5</u> <u>3.0</u> <u>2.5</u>                            | 8-15-06  | RA      |
|              | H) TRIGGER PULL TEST<br>AND RETAINABILITY                                |                                                             | 8-17-06  | MTM     |
|              | I) FIRING PIN INDENT <span>.020 MIN</span>                               | <u>1.023</u> <u>1.023</u> <u>1.023</u>                      | 8-15-06  | RA      |
|              | J) ASSEMBLE STOCK                                                        |                                                             | 7-19-06  | RTL     |
|              | K) ASSEMBLE SWIVEL<br>STUDS                                              |                                                             | 8-17-06  | MTM     |
|              | L) ATTACH FRONT AND<br>REAR SIGHT ASSY'S                                 |                                                             | 7-31-06  | BLG     |
|              | M) IRON SIGHT<br>ALIGNMENT                                               |                                                             | 7-31-06  | BLG     |
|              | N) DETACH FRONT AND<br>REAR SIGHTS AND PLACE<br>IN NUMBERED CONTAINER    |                                                             | 7-31-06  | BLG     |
| 640 &<br>650 | FUNCTION TEST AND<br>TARGET                                              | <span>PASS</span> FAIL<br><span>PASS</span> FAIL            | 8-1-06   | R.P.D.  |
|              | MALFUNCTION                                                              | CORRECTION                                                  | N/A      |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |          |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |          |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |          |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |          |         |
| 660          | INSPECT FOR LIVE AMMO                                                    |                                                             | 8-11-06  | M.G.D.  |
| 670          | FINAL INSPECTION<br>A) HEADSPACE                                         |                                                             | 8-17-06  | MTM     |
|              | B) TRIGGER PULL <span>+/- .5 LBS<br/>MIN 2.50 LBS<br/>MAX 4.0 LBS</span> | <u>2.81</u> <u>2.42</u> <u>2.27</u> <u>2.19</u> <u>2.21</u> | 8-11-06  | AC      |
|              | C) FUNCTION                                                              |                                                             | 8-17-06  | MTM     |
| 690          | PACK                                                                     |                                                             | 11/14/06 | RA      |

F004 REV 5/2006

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 7-27-06

TESTER R.P.

|         | 2.50 LBS<br>INITIAL | 2.50 LBS AFTER 50<br>CYCLES | FINAL TEST & TO RESET<br>2.50 LBS |       | COMMENTS |
|---------|---------------------|-----------------------------|-----------------------------------|-------|----------|
| PULL #1 | 2.47                | 2.48                        |                                   | 2.39  |          |
| PULL #2 | 2.62                | 2.36                        |                                   | 2.41  |          |
| PULL #3 | 2.42                | 2.41                        |                                   | 2.39  |          |
| PULL #4 | 2.52                | 2.39                        |                                   | 2.45  |          |
| PULL #5 | 2.24                | 2.28                        |                                   | 2.55  |          |
| TOTAL   | 12.27               | 11.92                       |                                   | 12.19 |          |
| AVERAGE | 2.45                | 2.38                        |                                   | 2.43  |          |

|         | 3.00 LBS<br>INITIAL | 3.00 LBS AFTER 20<br>CYCLES |  | COMMENTS |
|---------|---------------------|-----------------------------|--|----------|
| PULL #1 | 3.03                | 2.86                        |  |          |
| PULL #2 | 3.06                | 2.90                        |  |          |
| PULL #3 | 3.07                | 3.03                        |  |          |
| PULL #4 | 3.00                | 3.06                        |  |          |
| PULL #5 | 3.14                | 3.20                        |  |          |
| TOTAL   | 15.30               | 15.05                       |  |          |
| AVERAGE | 3.06                | 3.01                        |  |          |

|         | 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 | 4.09                | 3.88                        |                                   | 3.98                                    |
| PULL #2 | 4.01                | 3.92                        |                                   | 4.03                                    |
| PULL #3 | 3.93                | 3.99                        |                                   | 4.03                                    |
| PULL #4 | 4.22                | 3.98                        |                                   | 4.13                                    |
| PULL #5 | 3.99                | 4.07                        |                                   | 4.17                                    |
| TOTAL   | 20.24               | 19.84                       |                                   | 20.34                                   |
| AVERAGE | 4.04                | 3.96                        |                                   | 4.06                                    |

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6577109.\_\_\_0  
FILE DATE AND TIME: 08/01/2006 08:16

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

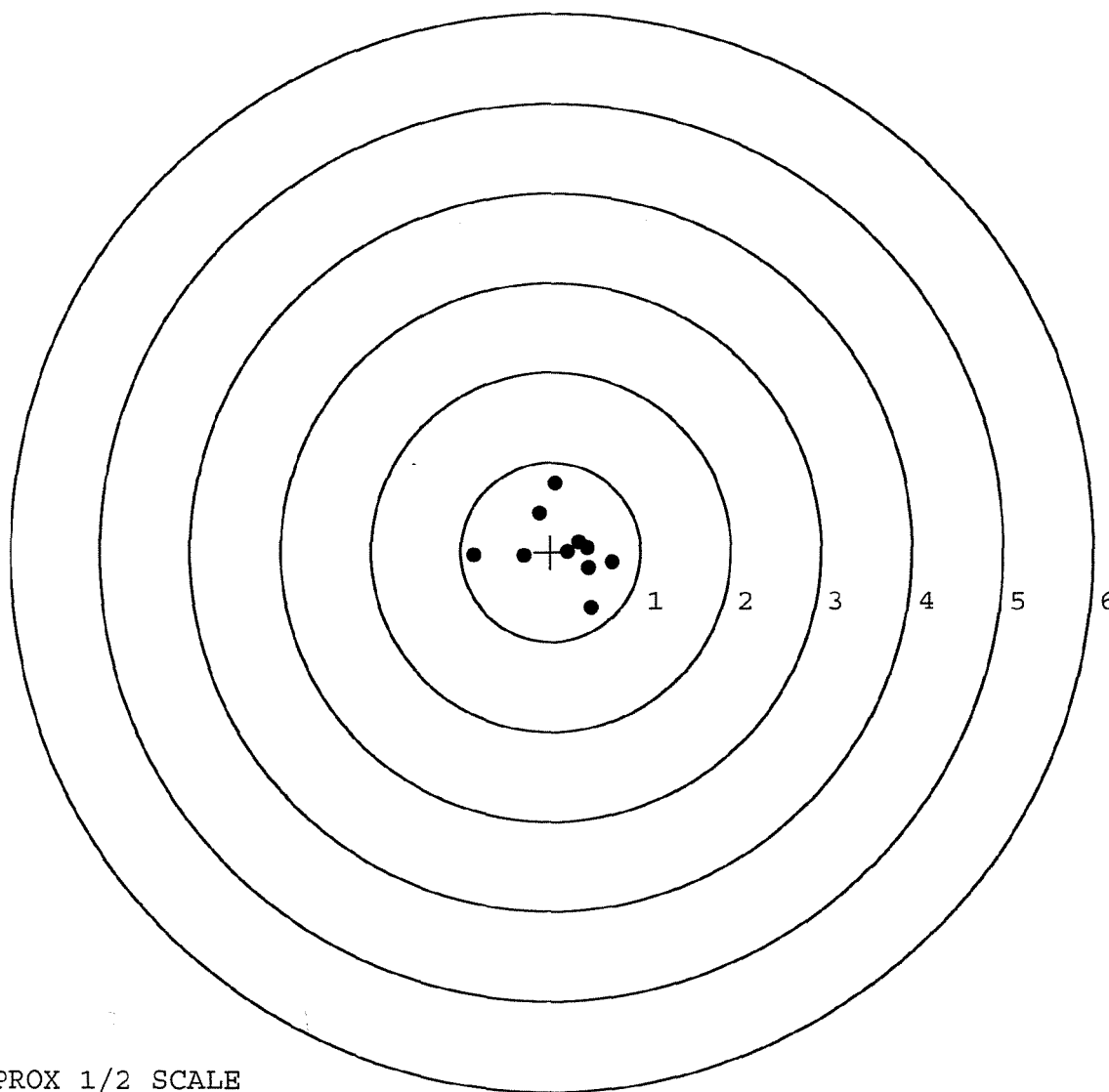
|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.155 |
| The Average Y Centroid of the Five Target Set:              | 0.081  |
| The Average Point of Impact of the Five Target Set:         | 0.175  |
| The Average Mean Radius of the Five Target Set:             | 0.563  |
| The Distance from POA to Centroid Target #1:                | 0.128  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.323  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.605  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.140  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.379  |

**BARBER - M24 0085404**

SERIAL NUMBER: G6577109. 0  
 TARGET NUMBER: 1  
 FILE DATE: 08/01/2006  
 FILE TIME: 08:16

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.052  | 0.771  |
| 2:     | -0.132 | 0.431  |
| 3:     | -0.854 | -0.053 |
| 4:     | -0.294 | -0.053 |
| 5:     | 0.187  | 0.002  |
| 6:     | 0.412  | 0.043  |
| 7:     | 0.684  | -0.122 |
| 8:     | 0.453  | -0.631 |
| 9:     | 0.314  | 0.110  |
| 10:    | 0.422  | -0.181 |

X CENTROID: 0.124  
 Y CENTROID: 0.032  
 POA TO CENTROID: 0.128  
 HORZ SPREAD: 1.538  
 VERT SPREAD: 1.402  
 GROUP SPREAD: 1.540  
 MIN RADIUS: 0.069  
 MAX RADIUS: 0.982  
 MEAN RADIUS: 0.487  
 # IN 1 IN DIAMETER: 6  
 # IN 2 IN DIAMETER: 10  
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

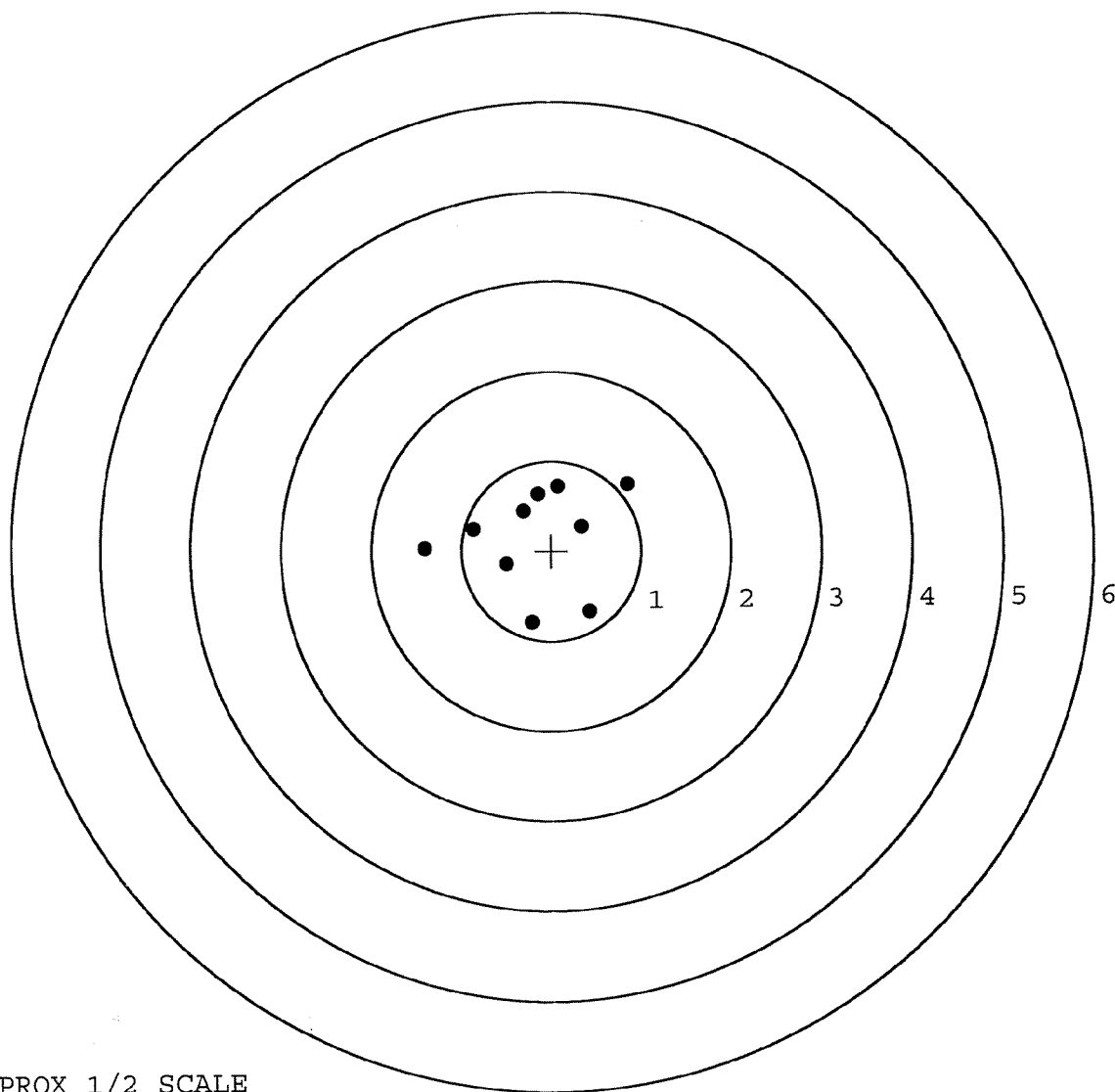


**BARBER - M24 0085405**

SERIAL NUMBER: G6577109. \_\_0  
 TARGET NUMBER: 2  
 FILE DATE: 08/01/2006  
 FILE TIME: 08:16

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.421  | -0.678 |
| 2:     | -0.226 | -0.796 |
| 3:     | -0.505 | -0.147 |
| 4:     | -0.867 | 0.242  |
| 5:     | -1.412 | 0.033  |
| 6:     | -0.311 | 0.442  |
| 7:     | -0.151 | 0.633  |
| 8:     | 0.076  | 0.716  |
| 9:     | 0.340  | 0.270  |
| 10:    | 0.851  | 0.739  |

X CENTROID: -0.178  
 Y CENTROID: 0.145  
 POA TO CENTROID: 0.230  
 HORZ SPREAD: 2.263  
 VERT SPREAD: 1.535  
 GROUP SPREAD: 2.371  
 MIN RADIUS: 0.325  
 MAX RADIUS: 1.239  
 MEAN RADIUS: 0.749  
 # IN 1 IN DIAMETER: 3  
 # IN 2 IN DIAMETER: 7  
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

**BARBER - M24 0085406**

SERIAL NUMBER: G6577109. 0

TARGET NUMBER: 3

FILE DATE: 08/01/2006

FILE TIME: 08:16

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.771 | 0.931  |
| 2:     | -0.041 | 0.931  |
| 3:     | 0.210  | 0.537  |
| 4:     | -0.497 | 0.440  |
| 5:     | -0.236 | 0.053  |
| 6:     | -0.454 | -0.103 |
| 7:     | -0.815 | 0.027  |
| 8:     | -1.035 | -0.070 |
| 9:     | -1.179 | -0.231 |
| 10:    | 0.271  | -0.464 |

X CENTROID: -0.455

Y CENTROID: 0.205

POA TO CENTROID: 0.499

HORZ SPREAD: 1.450

VERT SPREAD: 1.395

GROUP SPREAD: 1.741

MIN RADIUS: 0.239

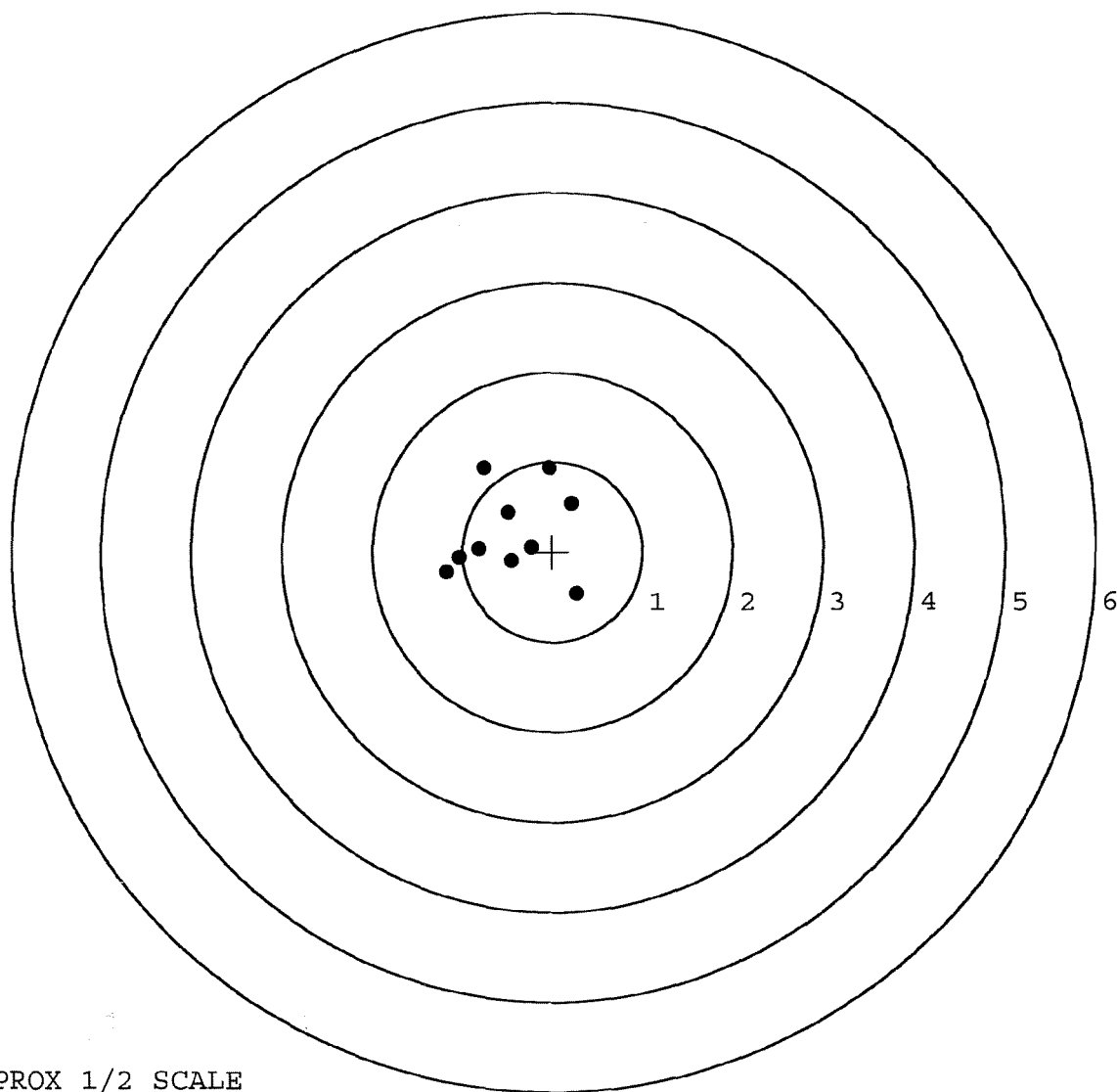
MAX RADIUS: 0.987

MEAN RADIUS: 0.606

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 10

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577109. \_\_0

TARGET NUMBER: 4

FILE DATE: 08/01/2006

FILE TIME: 08:16

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.748  | 0.165  |
| 2:     | 0.497  | 0.242  |
| 3:     | 0.342  | -0.055 |
| 4:     | -0.055 | -0.219 |
| 5:     | -0.292 | -0.130 |
| 6:     | -0.492 | -0.014 |
| 7:     | -0.465 | 0.363  |
| 8:     | -1.194 | -0.186 |
| 9:     | 0.220  | 0.027  |
| 10:    | 0.536  | 0.044  |

X CENTROID: -0.015

Y CENTROID: 0.024

POA TO CENTROID: 0.028

HORZ SPREAD: 1.942

VERT SPREAD: 0.582

GROUP SPREAD: 1.973

MIN RADIUS: 0.236

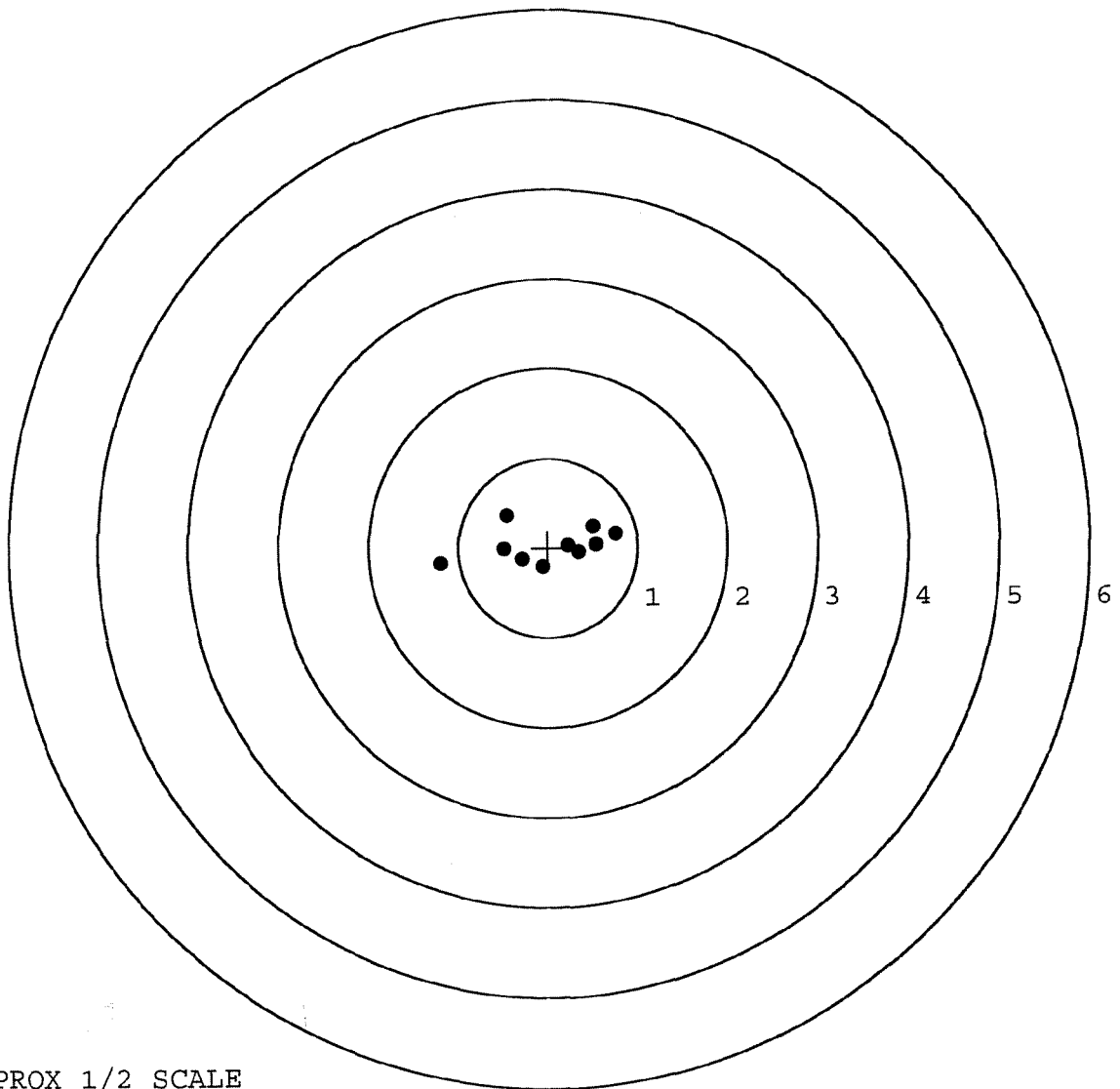
MAX RADIUS: 1.197

MEAN RADIUS: 0.529

# IN 1 IN DIAMETER: 5

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

**BARBER - M24 0085408**

SERIAL NUMBER: G6577109. 0

TARGET NUMBER: 5

FILE DATE: 08/01/2006

FILE TIME: 08:16

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.277  | -0.675 |
| 2:     | -0.059 | -0.313 |
| 3:     | -0.821 | -0.567 |
| 4:     | -0.641 | -0.201 |
| 5:     | -0.669 | 0.171  |
| 6:     | -0.414 | 0.247  |
| 7:     | -0.271 | 0.269  |
| 8:     | -0.083 | 0.345  |
| 9:     | 0.388  | 0.568  |
| 10:    | -0.248 | 0.060  |
| 11:    | -0.244 | 0.073  |

X CENTROID: -0.253

Y CENTROID: -0.002

POA TO CENTROID: 0.253

HORZ SPREAD: 1.209

VERT SPREAD: 1.243

GROUP SPREAD: 1.658

MIN RADIUS: 0.062

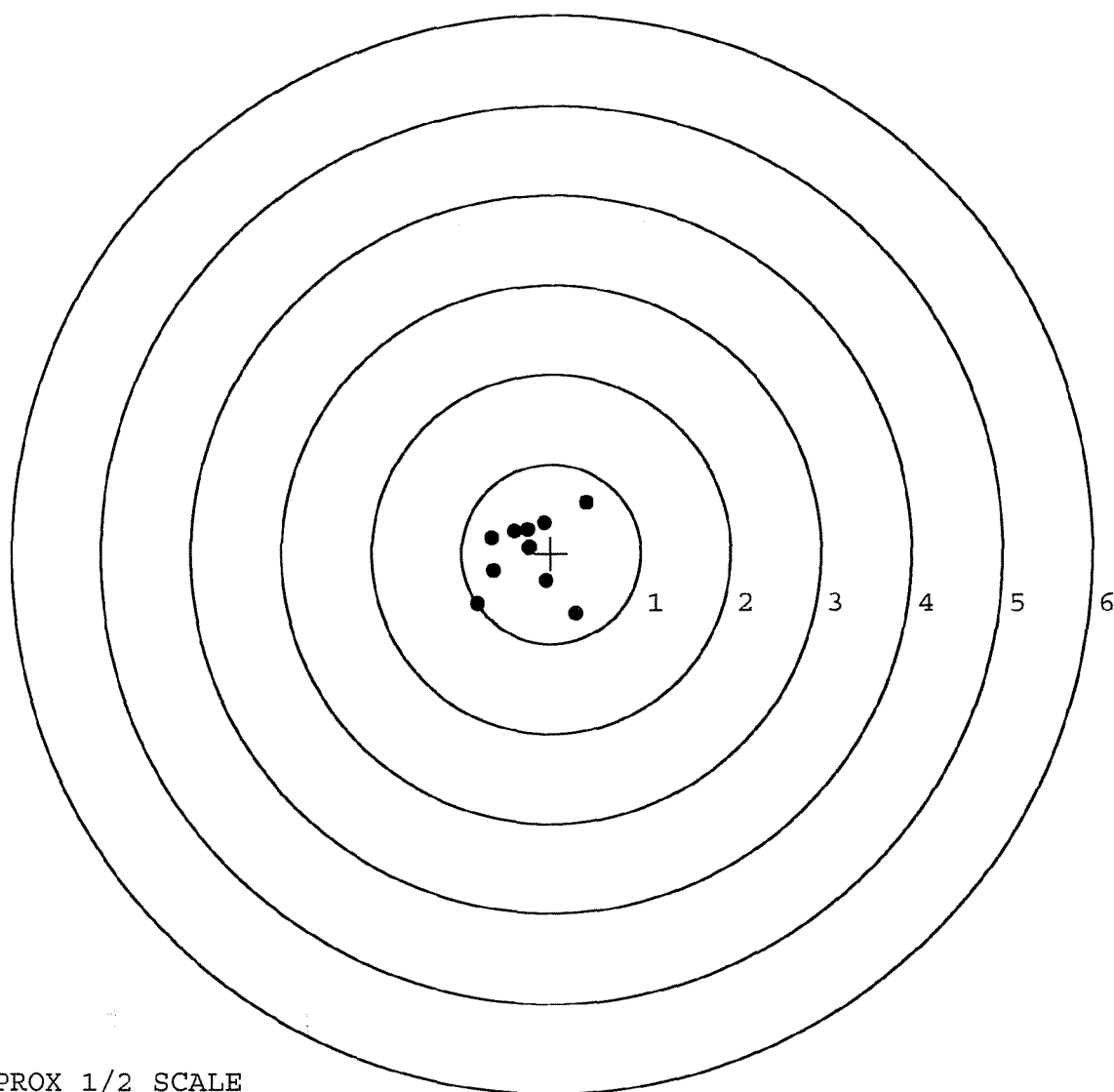
MAX RADIUS: 0.858

MEAN RADIUS: 0.442

# IN 1 IN DIAMETER: 8

# IN 2 IN DIAMETER: 11

# in 3 IN DIAMETER: 11



TARGET APPROX 1/2 SCALE