

G-657-2299

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

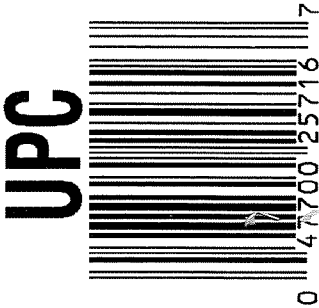
- INSTRUCTION BOOK 3518



DD FORM

|               |       |
|---------------|-------|
| ORDER NO.     | 25716 |
| BARREL LENGTH | 24"   |
| CAPACITY      | 6     |

G6577299



**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.



66577299

## INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6577299

| OP #         | OPERATION NAME                                                                                                                         | READINGS                | DATE    | INITIAL |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------|-------------------------|---------|---------|
| 410          | SERIALIZE BOLT HANDLE                                                                                                                  |                         | 8-3-06  | BLG     |
| 420          | ASSEMBLE ACTION                                                                                                                        |                         | 8-3-06  | BLG     |
| 430          | ASSEMBLE TO STOCK                                                                                                                      |                         | 8-4-06  | DK      |
| 440          | PROOF                                                                                                                                  |                         | 8-4-06  | BLG     |
| 460          | CHECK HEADSPACE                                                                                                                        | MAGNA FLUX<br>INSPECTED | 8-4-06  | BLG     |
| 470          | DIS-ASSEMBLE ACTION                                                                                                                    | AUG 14 2006             | 8-4-06  | BLG     |
| 480          | MAGNAFLUX BBL ACTION                                                                                                                   | OPERATOR <u>APD</u>     | 8-4-06  | APD     |
| 490          | MAGNAFLUX BOLT                                                                                                                         |                         |         |         |
| 500          | ROLLMARK CALIBER                                                                                                                       |                         | 8-4-06  | CW      |
| 510          | DRILL AND TAP<br>SIGHT HOLES                                                                                                           |                         | 8-11-06 | TRL     |
| 520          | GOFF BLAST BBL / REC                                                                                                                   |                         | 8-14-06 | LB      |
| 530 &<br>540 | APPLY COATINGS<br>(BARREL ACTION)                                                                                                      |                         |         |         |
|              | (BOLT)                                                                                                                                 |                         | 8/17/06 | RB      |
| 560          | RE-ASSEMBLE ACTION                                                                                                                     |                         |         |         |
|              | A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                                                                                                    |                         | 8-18-06 | MTM     |
|              | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD                                                                         |                         | 8-18-06 | MTM     |
|              | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                                                                                                 |                         | 8-18-06 | MTM     |
|              | D) OIL FIRING PIN ASSEMBLY                                                                                                             |                         | 8-21-06 | 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> |                         |         |         |

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>7.0</u> <u>7.5</u> <u>7.9</u>                       | 8-22-06  | RA      |
| CONT.        | G) SAFETY OFF FORCE <span>2 LBS MIN</span>                               | <u>4.5</u> <u>4.5</u> <u>4.5</u>                       | 8-22-06  | RA      |
|              | H) TRIGGER PULL TEST<br>AND RETAINABILITY                                |                                                        |          |         |
|              | I) FIRING PIN INDENT <span>.020 MIN</span>                               | <u>.025</u> <u>.024</u> <u>.025</u>                    | 8-22-06  | RA      |
|              | J) ASSEMBLE STOCK                                                        |                                                        | 8-21-06  | RTZ     |
|              | K) ASSEMBLE SWIVEL<br>STUDS                                              |                                                        | 8-29-06  | RTZ     |
|              | L) ATTACH FRONT AND<br>REAR SIGHT ASSY'S                                 |                                                        | 8-21-06  | RTZ     |
|              | M) IRON SIGHT<br>ALIGNMENT                                               |                                                        | 8-21-06  | RTZ     |
|              | N) DETACH FRONT AND<br>REAR SIGHTS AND PLACE<br>IN NUMBERED CONTAINER    |                                                        | 8-21-06  | RTZ     |
| 640 &<br>650 | FUNCTION TEST AND<br>TARGET                                              | <u>PASS</u> FAIL<br><u>PASS</u> FAIL                   | 8-21-06  | L.P.D.  |
|              | MALFUNCTION                                                              | CORRECTION                                             |          |         |
|              | MALFUNCTION                                                              | CORRECTION                                             |          |         |
|              | MALFUNCTION                                                              | CORRECTION                                             |          |         |
|              | MALFUNCTION                                                              | CORRECTION                                             |          |         |
| 660          | INSPECT FOR LIVE AMMO                                                    |                                                        | 8-21-06  | MTM     |
| 670          | FINAL INSPECTION<br>A) HEADSPACE                                         |                                                        | 8-29-06  | RTZ     |
|              | B) TRIGGER PULL <span>+/- .5 LBS<br/>MIN 2.50 LBS<br/>MAX 4.0 LBS</span> | <u>226</u> <u>225</u> <u>240</u> <u>217</u> <u>209</u> | 8/22/06  | RP      |
|              | C) FUNCTION                                                              |                                                        | 8-29-06  | RTZ     |
| 690          | PACK                                                                     |                                                        | 10-22-06 | RA      |

F004 REV 5/2006

## INITIAL &amp; 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

8-15-06

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 | 262                 | 251                         |                                   | 239  |          |
| PULL #2 | 250                 | 249                         |                                   | 238  |          |
| PULL #3 | 260                 | 246                         |                                   | 250  |          |
| PULL #4 | 258                 | 245                         |                                   | 246  |          |
| PULL #5 | 257                 | 246                         |                                   | 248  |          |
| TOTAL   | 1287                | 1237                        |                                   | 1221 |          |
| AVERAGE | 257                 | 247                         |                                   | 244  |          |

|         | 3.00 LBS<br>INITIAL | 3.00 LBS AFTER 20<br>CYCLES |  | COMMENTS |
|---------|---------------------|-----------------------------|--|----------|
| PULL #1 | 319                 | 290                         |  |          |
| PULL #2 | 310                 | 303                         |  |          |
| PULL #3 | 298                 | 303                         |  |          |
| PULL #4 | 305                 | 304                         |  |          |
| PULL #5 | 292                 | 301                         |  |          |
| TOTAL   | 1524                | 1501                        |  |          |
| AVERAGE | 304                 | 300                         |  |          |

|         | 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 | 409                 | 391                         |                                   | 401                                     |
| PULL #2 | 407                 | 401                         |                                   | 416                                     |
| PULL #3 | 410                 | 409                         |                                   | 401                                     |
| PULL #4 | 404                 | 406                         |                                   | 417                                     |
| PULL #5 | 409                 | 405                         |                                   | 408                                     |
| TOTAL   | 2039                | 2012                        |                                   | 2043                                    |
| AVERAGE | 407                 | 402                         |                                   | 408                                     |

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6577299. \_\_0  
FILE DATE AND TIME: 08/21/2006 20:24

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

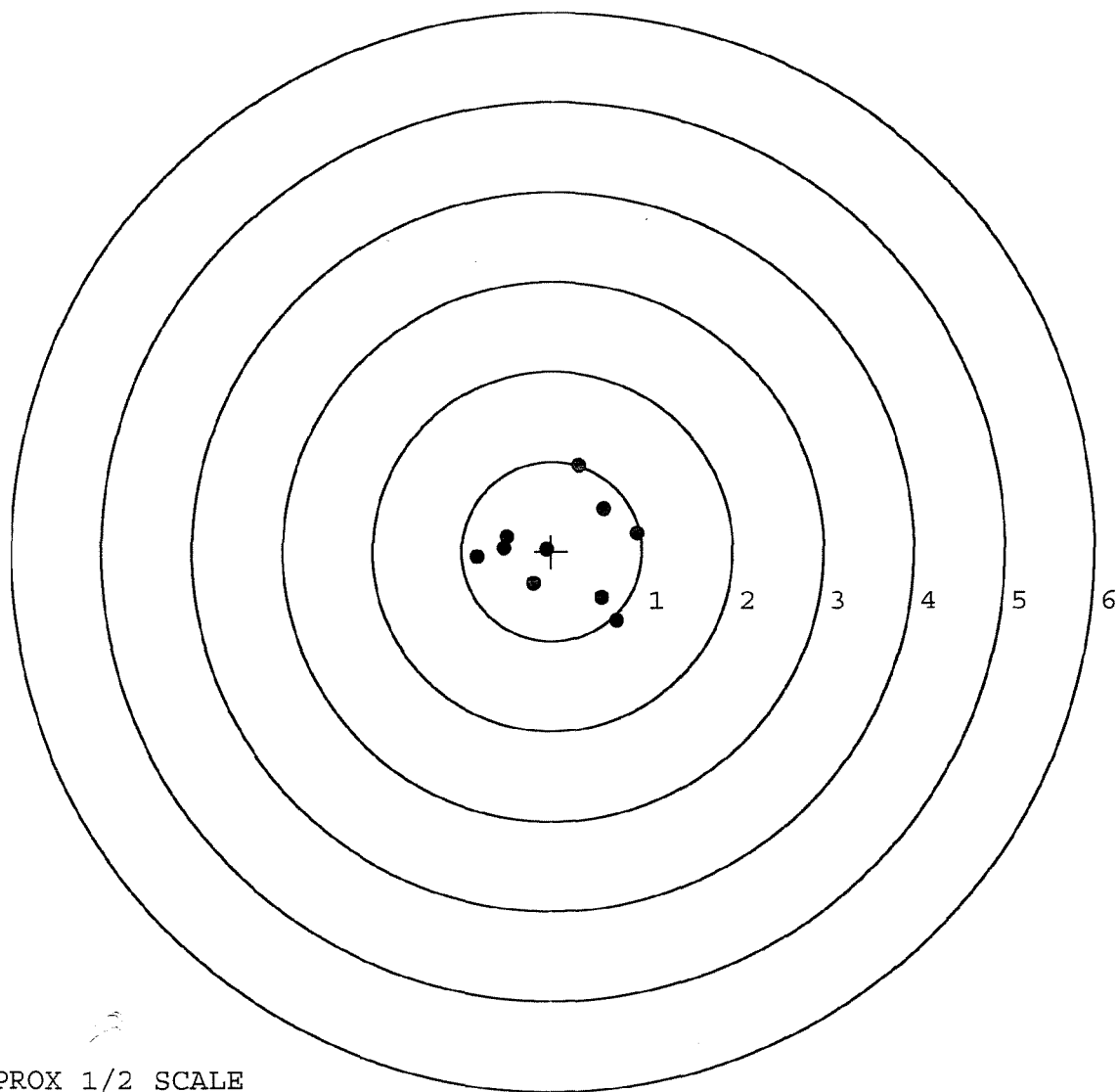
|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.005 |
| The Average Y Centroid of the Five Target Set:              | 0.062  |
| The Average Point of Impact of the Five Target Set:         | 0.062  |
| The Average Mean Radius of the Five Target Set:             | 1.018  |
| The Distance from POA to Centroid Target #1:                | 0.098  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.158  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.091  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.269  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.074  |

**BARBER - M24 0088136**

SERIAL NUMBER: G6577299. 0  
 TARGET NUMBER: 1  
 FILE DATE: 08/21/2006  
 FILE TIME: 20:24

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.302  | 0.954  |
| 2:     | 0.578  | 0.474  |
| 3:     | 0.946  | 0.203  |
| 4:     | 0.722  | -0.774 |
| 5:     | 0.558  | -0.517 |
| 6:     | -0.203 | -0.366 |
| 7:     | -0.060 | 0.022  |
| 8:     | -0.830 | -0.063 |
| 9:     | -0.537 | 0.037  |
| 10:    | -0.501 | 0.161  |

X CENTROID: 0.098  
 Y CENTROID: 0.013  
 POA TO CENTROID: 0.098  
 HORZ SPREAD: 1.776  
 VERT SPREAD: 1.728  
 GROUP SPREAD: 1.778  
 MIN RADIUS: 0.158  
 MAX RADIUS: 1.005  
 MEAN RADIUS: 0.703  
 # IN 1 IN DIAMETER: 2  
 # IN 2 IN DIAMETER: 9  
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

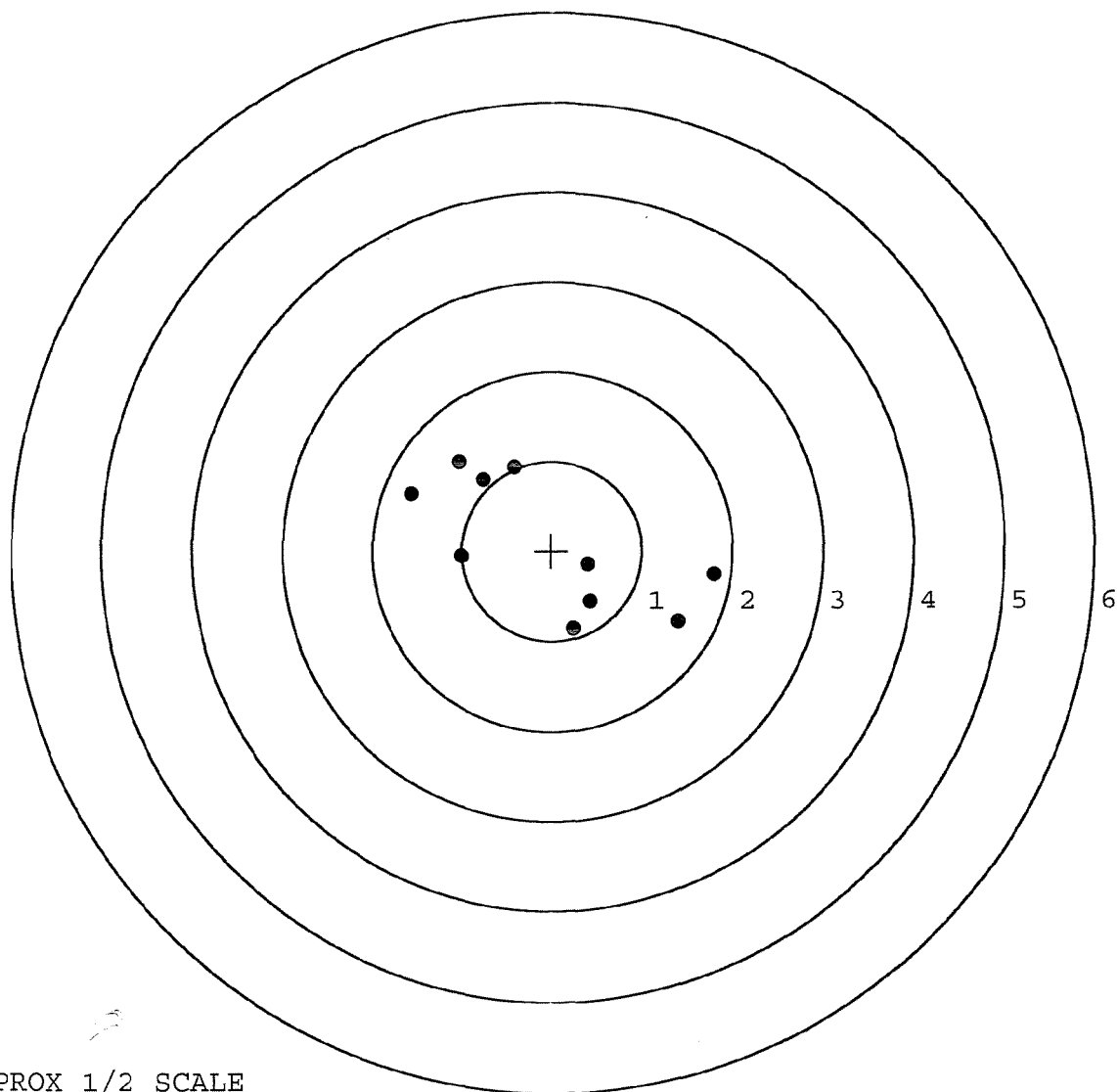


**BARBER - M24 0088137**

SERIAL NUMBER: G6577299. \_\_0  
 TARGET NUMBER: 2  
 FILE DATE: 08/21/2006  
 FILE TIME: 20:24

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.798  | -0.264 |
| 2:     | 1.394  | -0.789 |
| 3:     | 0.244  | -0.868 |
| 4:     | 0.429  | -0.563 |
| 5:     | 0.406  | -0.149 |
| 6:     | -1.003 | -0.062 |
| 7:     | -0.415 | 0.939  |
| 8:     | -0.766 | 0.799  |
| 9:     | -1.028 | 0.987  |
| 10:    | -1.573 | 0.639  |

X CENTROID: -0.051  
 Y CENTROID: 0.067  
 POA TO CENTROID: 0.084  
 HORZ SPREAD: 3.371  
 VERT SPREAD: 1.855  
 GROUP SPREAD: 3.490  
 MIN RADIUS: 0.506  
 MAX RADIUS: 1.879  
 MEAN RADIUS: 1.173  
 # IN 1 IN DIAMETER: 0  
 # IN 2 IN DIAMETER: 5  
 # in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577299. 0

TARGET NUMBER: 3

FILE DATE: 08/21/2006

FILE TIME: 20:24

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.535  | -0.316 |
| 2:     | 0.692  | -0.080 |
| 3:     | 0.646  | 0.264  |
| 4:     | 0.160  | -0.400 |
| 5:     | -1.017 | 0.001  |
| 6:     | -0.023 | 0.601  |
| 7:     | -0.146 | 0.372  |
| 8:     | -0.151 | 0.092  |
| 9:     | -0.566 | 0.343  |
| 10:    | -0.566 | 0.064  |

X CENTROID: 0.056

Y CENTROID: 0.094

POA TO CENTROID: 0.110

HORZ SPREAD: 2.552

VERT SPREAD: 1.001

GROUP SPREAD: 2.572

MIN RADIUS: 0.207

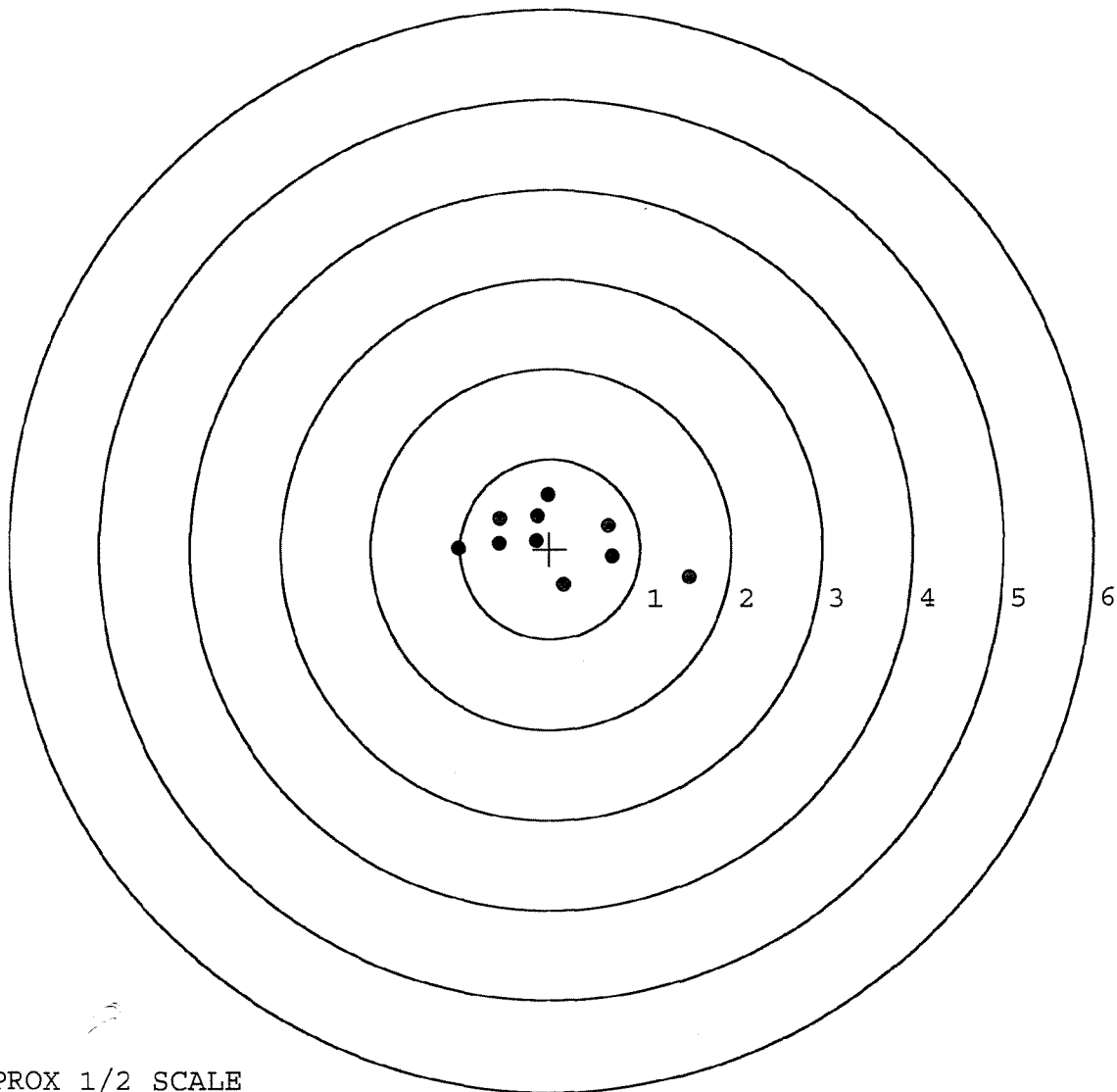
MAX RADIUS: 1.534

MEAN RADIUS: 0.675

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 9



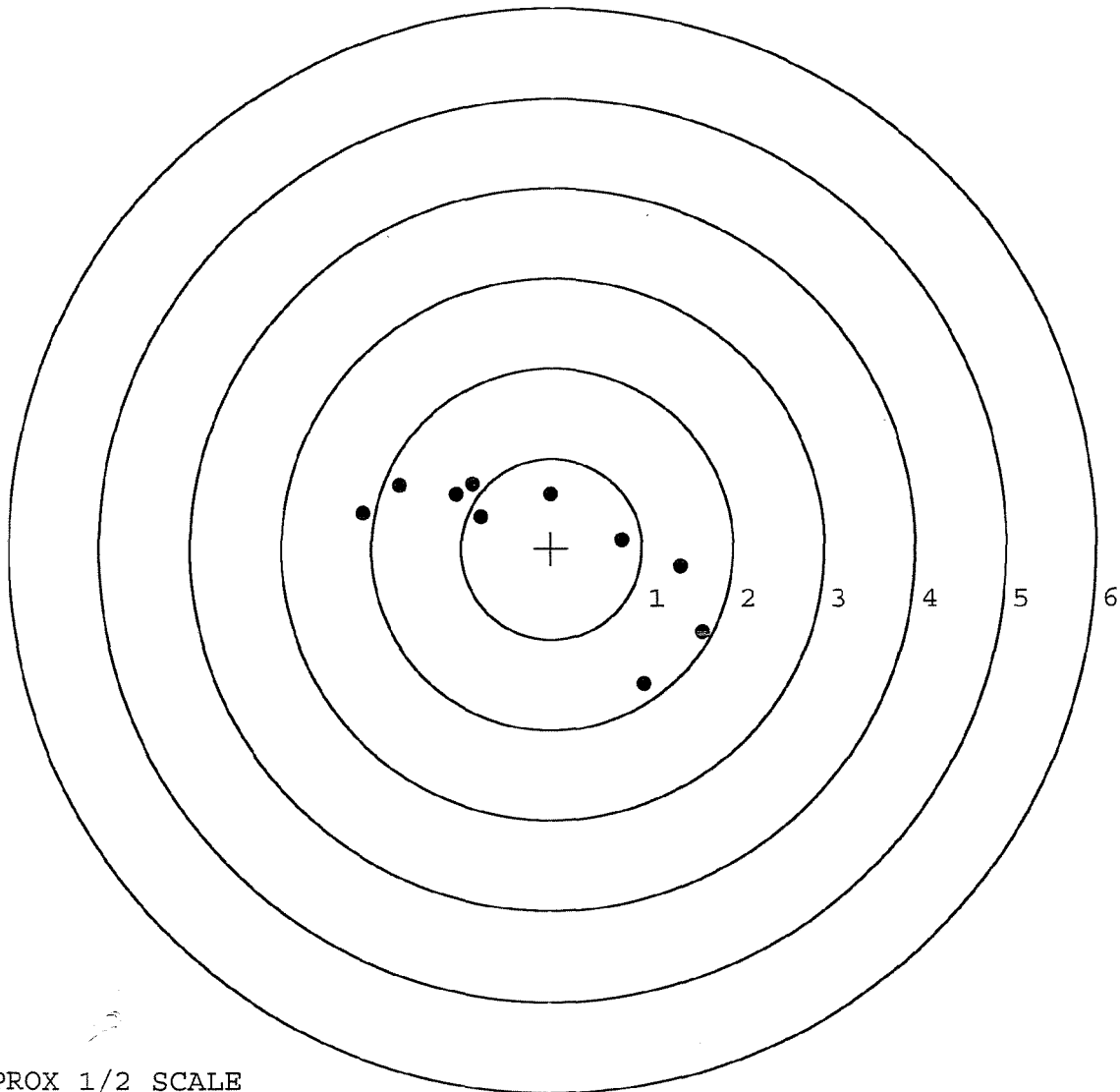
TARGET APPROX 1/2 SCALE

**BARBER - M24 0088139**

SERIAL NUMBER: G6577299. \_\_0  
 TARGET NUMBER: 4  
 FILE DATE: 08/21/2006  
 FILE TIME: 20:24

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.030  | -1.498 |
| 2:     | 1.660  | -0.923 |
| 3:     | 1.426  | -0.201 |
| 4:     | 0.775  | 0.095  |
| 5:     | -0.009 | 0.606  |
| 6:     | -0.781 | 0.350  |
| 7:     | -0.880 | 0.714  |
| 8:     | -1.059 | 0.599  |
| 9:     | -1.690 | 0.697  |
| 10:    | -2.099 | 0.388  |

X CENTROID: -0.163  
 Y CENTROID: 0.083  
 POA TO CENTROID: 0.183  
 HORZ SPREAD: 3.759  
 VERT SPREAD: 2.212  
 GROUP SPREAD: 3.981  
 MIN RADIUS: 0.545  
 MAX RADIUS: 2.082  
 MEAN RADIUS: 1.343  
 # IN 1 IN DIAMETER: 0  
 # IN 2 IN DIAMETER: 4  
 # in 3 IN DIAMETER: 5



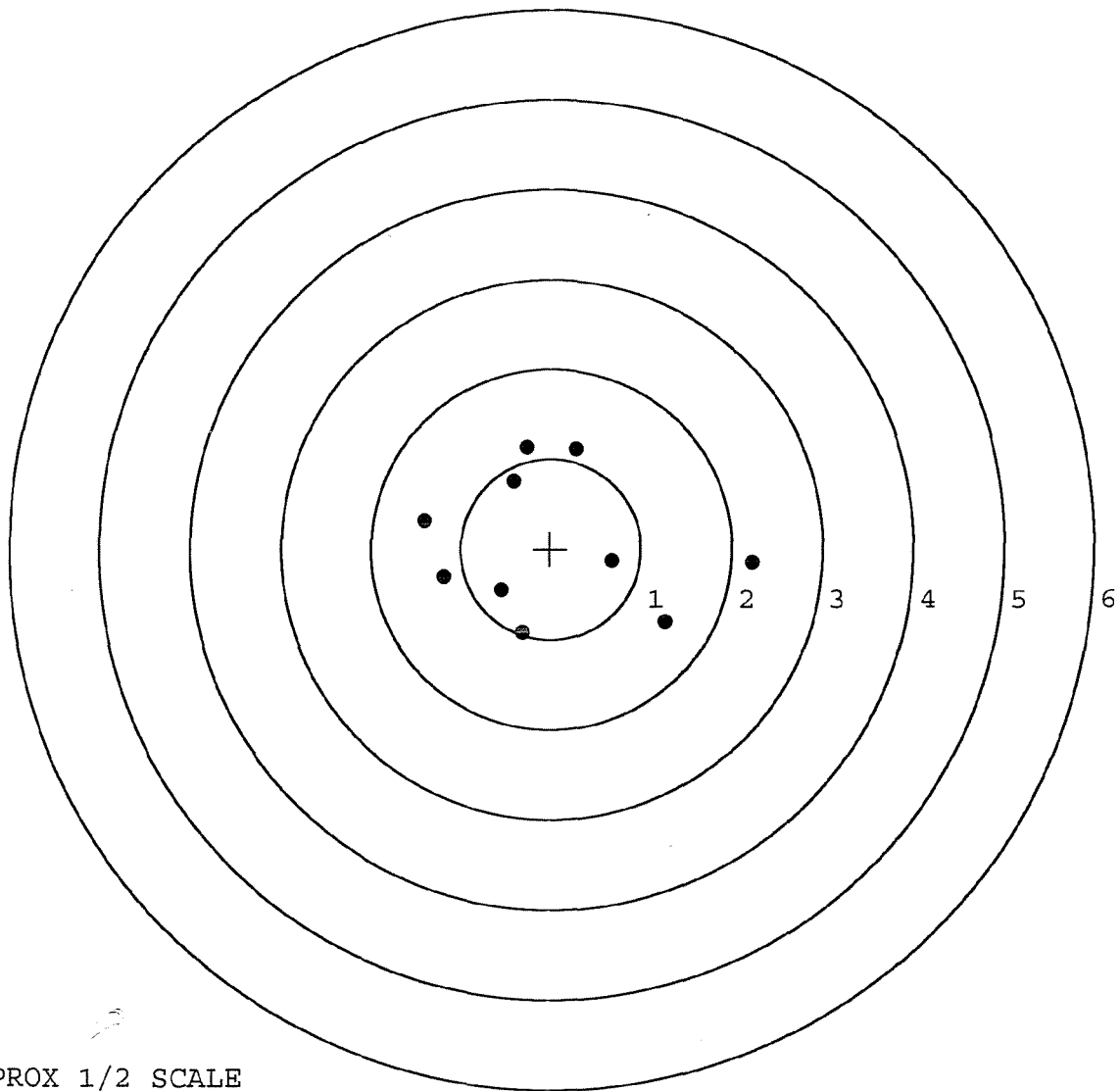
TARGET APPROX 1/2 SCALE

**BARBER - M24 0088140**

SERIAL NUMBER: G6577299. \_\_0  
 TARGET NUMBER: 5  
 FILE DATE: 08/21/2006  
 FILE TIME: 20:24

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 2.220  | -0.149 |
| 2:     | 1.269  | -0.808 |
| 3:     | 0.685  | -0.127 |
| 4:     | -0.310 | -0.927 |
| 5:     | -0.540 | -0.457 |
| 6:     | -1.182 | -0.320 |
| 7:     | -1.411 | 0.309  |
| 8:     | -0.261 | 1.126  |
| 9:     | -0.409 | 0.752  |
| 10:    | 0.280  | 1.112  |

X CENTROID: 0.034  
 Y CENTROID: 0.051  
 POA TO CENTROID: 0.061  
 HORZ SPREAD: 3.631  
 VERT SPREAD: 2.053  
 GROUP SPREAD: 3.660  
 MIN RADIUS: 0.675  
 MAX RADIUS: 2.195  
 MEAN RADIUS: 1.195  
 # IN 1 IN DIAMETER: 0  
 # IN 2 IN DIAMETER: 3  
 # in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE