

G 663 7655

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

- INSTRUCTION BOOK 3518

proof of purchase



owner registration sticker



DD FORM

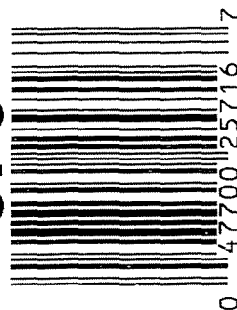
ORDER NO. **25716**

BARREL LENGTH 24"

CAPACITY 6

**G6637655**

**UPC**



**ORDER 25716**  
M/24 7.62 NATO S.W.S. (COMPLETE SYSTI  
**UPC**



**ORDER 25716**  
M/24 7.62 NATO S.W.S. (COMPLETE SYSTI  
**UPC**



SERIAL NO.



GUN SERIAL # G6637655

| OP #            | OPERATION NAME                                                                                                                         | READINGS             | DATE    | INITIAL |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------|---------|
| 410             | SERIALIZE BOLT HANDLE                                                                                                                  |                      | 3-14-07 | RJC     |
| 420             | ASSEMBLE ACTION                                                                                                                        |                      | 3-12-07 | SPD     |
| 430             | ASSEMBLE TO STOCK                                                                                                                      |                      | 3-13-07 | SPD     |
| 440             | PROOF                                                                                                                                  |                      | 3-14-07 | Fm      |
| 460             | CHECK HEADSPACE                                                                                                                        | INSPECTED            | 3-14-07 | Fm      |
| 470             | DIS-ASSEMBLE ACTION                                                                                                                    | MAR 15 2007          | 3-14-07 | RJC     |
| 480             | MAGNAFLUX BBL ACTION                                                                                                                   | OPERATOR <u>mmms</u> | 3/15/07 | mmms    |
| 490             | MAGNAFLUX BOLT                                                                                                                         |                      |         |         |
| 500             | ROLLMARK CALIBER                                                                                                                       |                      | 3-15-07 | CJW     |
| 510             | DRILL AND TAP<br>SIGHT HOLES                                                                                                           |                      | 3-14-07 | TRW     |
| 520             | GOFF BLAST BBL / REC                                                                                                                   |                      | 3-19-07 | LB      |
| 530 &<br>540    | APPLY COATINGS<br>(BARREL ACTION)                                                                                                      |                      |         |         |
|                 | (BOLT)                                                                                                                                 |                      | 3-23-07 | WJ      |
| 560             | RE-ASSEMBLE ACTION                                                                                                                     |                      |         |         |
|                 | A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                                                                                                    |                      | 4/2/07  | SPD     |
|                 | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD                                                                         |                      | 4/2/07  | SPD     |
|                 | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                                                                                                 |                      | 4/2/07  | SPD     |
|                 | D) OIL FIRING PIN ASSEMBLY                                                                                                             |                      | 4/2/07  | SPD     |
|                 | 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> |                      | 4/18/07 | mmms    |
| 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>7.25</u> <u>7.15</u> <u>7.75</u>                     | 4-19-07 | TRW     |
| CONT.        |                                                                          |                                                         |         |         |
|              | G) SAFETY OFF FORCE <span>2 LBS MIN</span>                               | <u>2.0</u> <u>2.5</u> <u>2.25</u>                       | 4-19-07 | TRW     |
|              | H) TRIGGER PULL TEST<br>AND RETAINABILITY                                |                                                         | 4/19/07 | non     |
|              | I) FIRING PIN INDENT <span>.020 MIN</span>                               | <u>.025</u> <u>.0255</u> <u>.0245</u>                   | 4-19-07 | TRW     |
|              | J) ASSEMBLE STOCK                                                        |                                                         | 4/20/07 | L.P.A.  |
|              | K) ASSEMBLE SWIVEL<br>STUDS                                              |                                                         | 4/19/07 | non     |
|              | L) ATTACH FRONT AND<br>REAR SIGHT ASSY'S                                 |                                                         | 4/19/07 | non     |
|              | M) IRON SIGHT<br>ALIGNMENT                                               |                                                         | 4/19/07 | non     |
|              | N) DETACH FRONT AND<br>REAR SIGHTS AND PLACE<br>IN NUMBERED CONTAINER    |                                                         | 4/19/07 | non     |
| 640 &<br>650 | FUNCTION TEST AND<br>TARGET                                              | <u>PASS</u> FAIL<br><u>PASS</u> FAIL                    | 4-13-07 | TRW     |
|              | MALFUNCTION                                                              | CORRECTION                                              |         |         |
|              | MALFUNCTION                                                              | CORRECTION                                              |         |         |
|              | MALFUNCTION                                                              | CORRECTION                                              |         |         |
|              | MALFUNCTION                                                              | CORRECTION                                              |         |         |
| 660          | INSPECT FOR LIVE AMMO                                                    |                                                         | 4-13-07 | Fry     |
| 670          | FINAL INSPECTION<br>A) HEADSPACE                                         |                                                         | 4/19/07 | non     |
|              | B) TRIGGER PULL <span>+/- .5 LBS<br/>MIN 2.50 LBS<br/>MAX 4.0 LBS</span> | <u>259</u> <u>258</u> <u>259</u> <u>258</u> <u>2.45</u> | 4/18/07 | non     |
|              | C) FUNCTION                                                              |                                                         | 4/19/07 | non     |
| 690          | PACK                                                                     |                                                         | 4/24/07 | RA      |

F004 REV 5/2006

**BARBER - M24 0144218**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 3/29/07TESTER Notin

|         | 2.50 LBS<br>INITIAL | 2.50 LBS AFTER 50<br>CYCLES | FINAL TEST & TO RESET<br>2.50 LBS | COMMENTS |
|---------|---------------------|-----------------------------|-----------------------------------|----------|
| PULL #1 | 2.62                | 2.66                        | 2.66                              |          |
| PULL #2 | 2.59                | 2.71                        | 2.70                              |          |
| PULL #3 | 2.65                | 2.74                        | 2.68                              |          |
| PULL #4 | 2.68                | 2.67                        | 2.59                              |          |
| PULL #5 | 2.62                | 2.70                        | 2.66                              |          |
| TOTAL   | 13.16               | 13.48                       | 13.29                             |          |
| AVERAGE | 2.63                | 2.70                        | 2.66                              |          |

|         | 3.00 LBS<br>INITIAL | 3.00 LBS AFTER 20<br>CYCLES | COMMENTS |
|---------|---------------------|-----------------------------|----------|
| PULL #1 | 3.03                | 3.07                        |          |
| PULL #2 | 3.06                | 3.02                        |          |
| PULL #3 | 3.09                | 3.14                        |          |
| PULL #4 | 3.05                | 3.07                        |          |
| PULL #5 | 3.06                | 3.09                        |          |
| TOTAL   | 15.29               | 15.39                       |          |
| AVERAGE | 3.06                | 3.08                        |          |

|         | 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 | 3.94                | 3.90                        |                                   | 4.08                                    |
| PULL #2 | 3.97                | 4.07                        |                                   | 4.07                                    |
| PULL #3 | 4.16                | 4.03                        |                                   | 4.18                                    |
| PULL #4 | 4.07                | 3.97                        |                                   | 4.06                                    |
| PULL #5 | 4.00                | 4.04                        |                                   | 4.16                                    |
| TOTAL   | 20.14               | 20.01                       |                                   | 20.55                                   |
| AVERAGE | 4.03                | 4.00                        |                                   | 4.11                                    |

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6637655.\_\_\_0

FILE DATE AND TIME: 04/13/2007 15:02

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

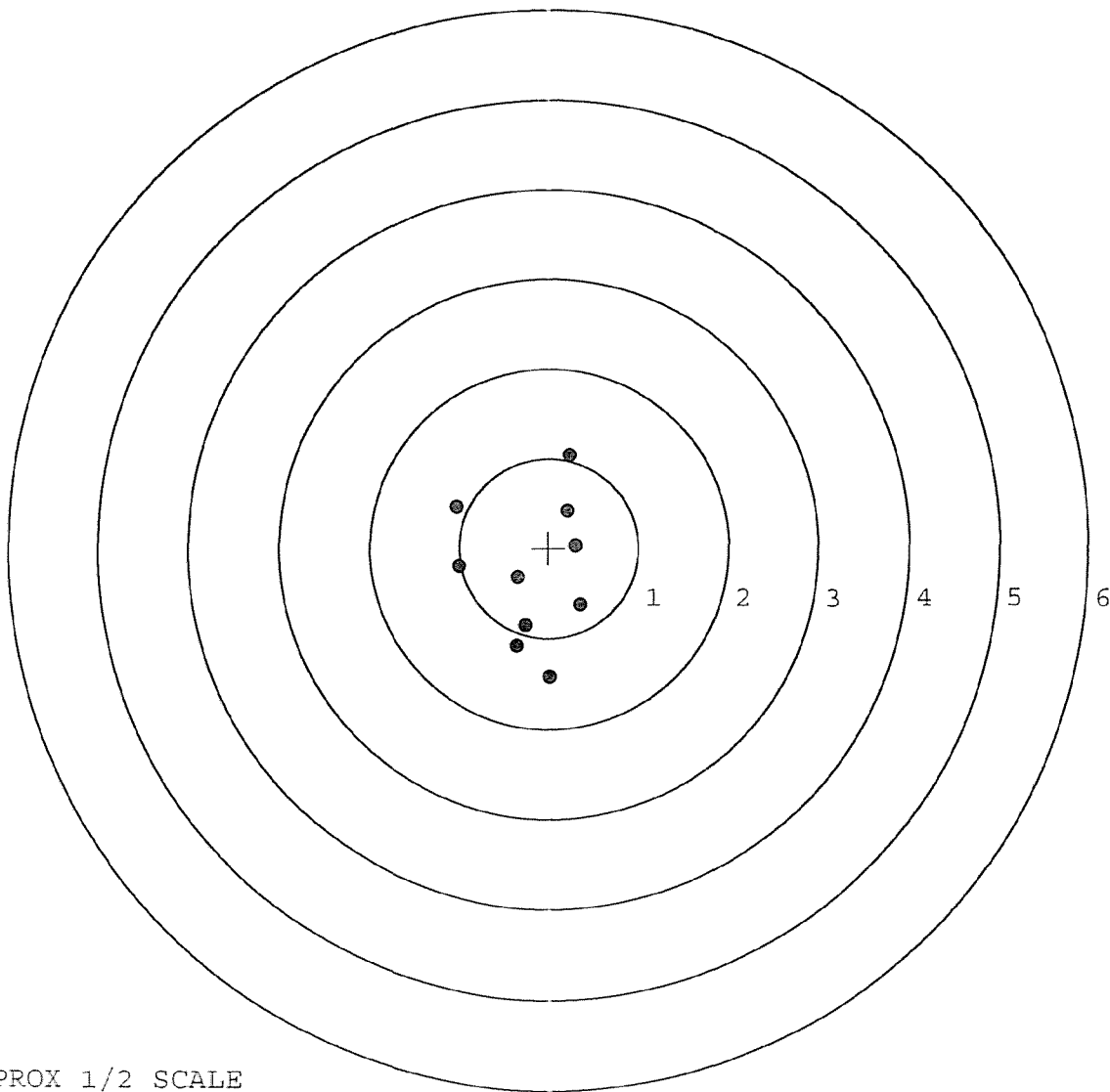
|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.033 |
| The Average Y Centroid of the Five Target Set:              | -0.130 |
| The Average Point of Impact of the Five Target Set:         | 0.135  |
| The Average Mean Radius of the Five Target Set:             | 0.712  |
| The Distance from POA to Centroid Target #1:                | 0.324  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.349  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.322  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.246  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.334  |

**BARBER - M24 0144220**

SERIAL NUMBER: G6637655. \_\_0  
 TARGET NUMBER: 1  
 FILE DATE: 04/13/2007  
 FILE TIME: 15:02

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.011  | -1.428 |
| 2:     | -0.260 | -0.864 |
| 3:     | 0.357  | -0.638 |
| 4:     | -0.351 | -0.328 |
| 5:     | 0.301  | 0.026  |
| 6:     | 0.209  | 0.418  |
| 7:     | 0.242  | 1.040  |
| 8:     | -1.001 | -0.211 |
| 9:     | -1.036 | 0.454  |
| 10:    | -0.366 | -1.093 |

X CENTROID: -0.189  
 Y CENTROID: -0.262  
 POA TO CENTROID: 0.324  
 HORZ SPREAD: 1.393  
 VERT SPREAD: 2.468  
 GROUP SPREAD: 2.479  
 MIN RADIUS: 0.174  
 MAX RADIUS: 1.372  
 MEAN RADIUS: 0.813  
 # IN 1 IN DIAMETER: 1  
 # IN 2 IN DIAMETER: 7  
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE



**BARBER - M24 0144221**

SERIAL NUMBER: G6637655. 0

TARGET NUMBER: 2

FILE DATE: 04/13/2007

FILE TIME: 15:02

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.039  | 0.411  |
| 2:     | 0.380  | 0.372  |
| 3:     | 0.068  | 0.957  |
| 4:     | -0.858 | 1.247  |
| 5:     | 0.305  | -1.104 |
| 6:     | -1.396 | -0.385 |
| 7:     | -0.784 | -0.363 |
| 8:     | -0.366 | -0.028 |
| 9:     | -0.052 | -0.049 |
| 10:    | 0.192  | -0.215 |

X CENTROID: -0.147

Y CENTROID: 0.084

POA TO CENTROID: 0.170

HORZ SPREAD: 2.435

VERT SPREAD: 2.351

GROUP SPREAD: 2.623

MIN RADIUS: 0.164

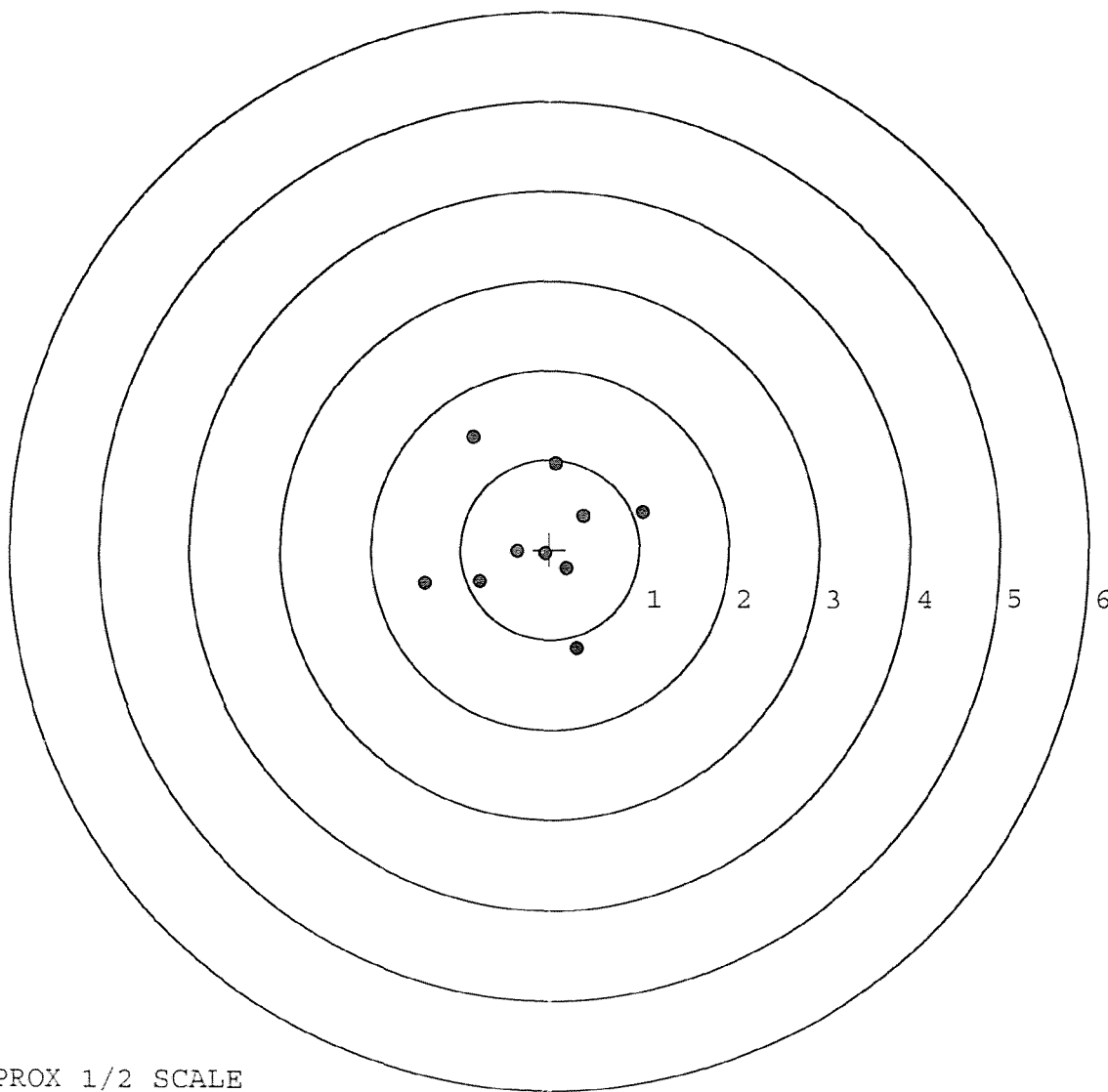
MAX RADIUS: 1.363

MEAN RADIUS: 0.834

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 6

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

**BARBER - M24 0144222**

SERIAL NUMBER: G6637655. \_\_0

TARGET NUMBER: 3

FILE DATE: 04/13/2007

FILE TIME: 15:02

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.794  | -0.643 |
| 2:     | 0.808  | -0.243 |
| 3:     | 0.503  | 0.059  |
| 4:     | 0.162  | 0.887  |
| 5:     | 0.174  | 0.179  |
| 6:     | -0.090 | -0.356 |
| 7:     | -0.255 | -0.188 |
| 8:     | -0.822 | -0.559 |
| 9:     | 0.365  | 0.148  |
| 10:    | -0.635 | -0.513 |

X CENTROID: 0.100

Y CENTROID: -0.123

POA TO CENTROID: 0.159

HORZ SPREAD: 1.630

VERT SPREAD: 1.530

GROUP SPREAD: 1.749

MIN RADIUS: 0.301

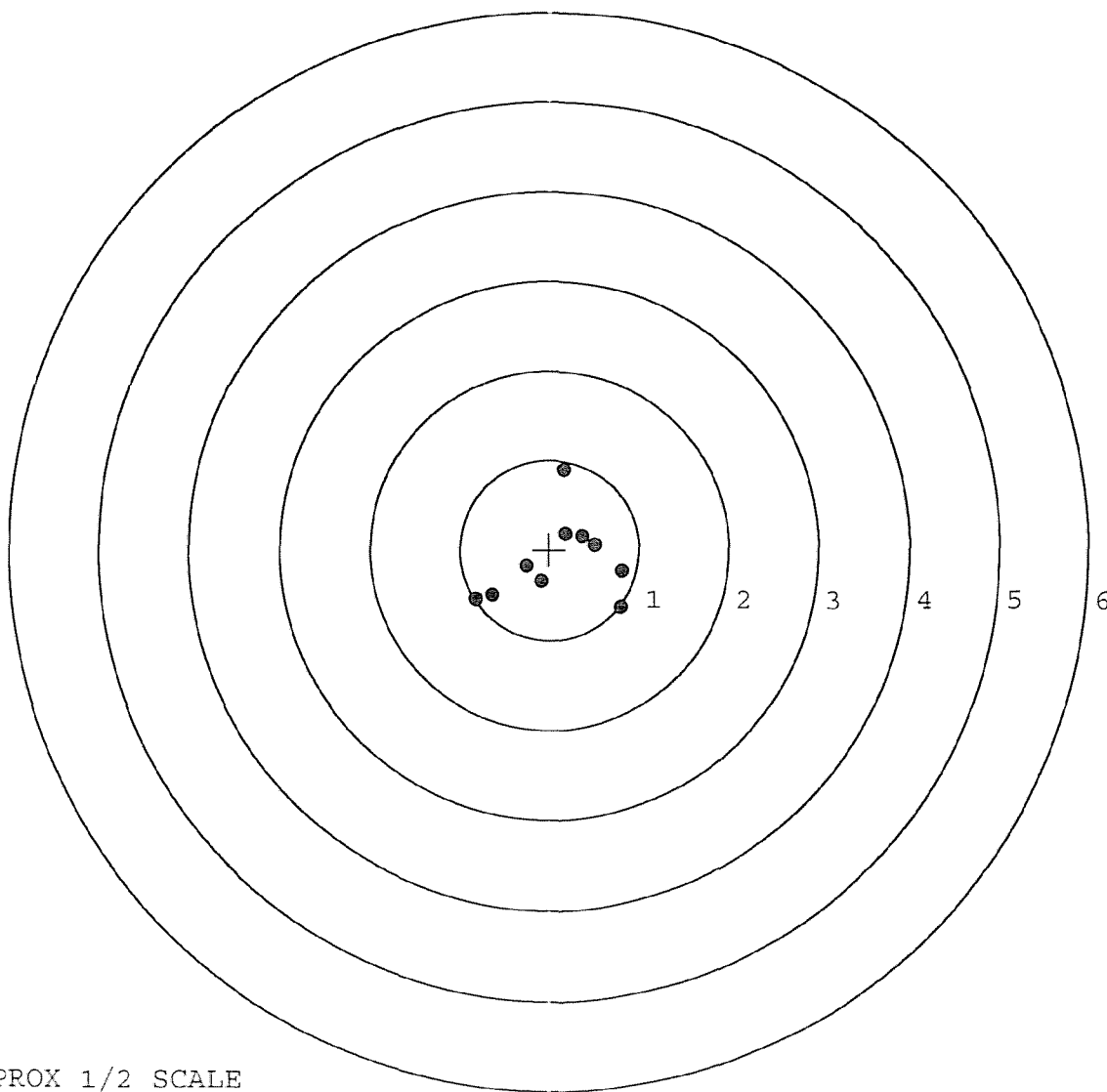
MAX RADIUS: 1.020

MEAN RADIUS: 0.624

# IN 1 IN DIAMETER: 5

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

**BARBER - M24 0144223**

SERIAL NUMBER: G6637655. 0

TARGET NUMBER: 4

FILE DATE: 04/13/2007

FILE TIME: 15:02

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.142  | -1.040 |
| 2:     | 0.710  | 0.045  |
| 3:     | 0.565  | 0.116  |
| 4:     | 0.276  | 0.066  |
| 5:     | 0.167  | 0.147  |
| 6:     | -0.296 | 0.186  |
| 7:     | -0.979 | 0.528  |
| 8:     | -1.067 | 0.217  |
| 9:     | -0.164 | -0.478 |
| 10:    | -0.053 | -0.262 |

X CENTROID: -0.070

Y CENTROID: -0.048

POA TO CENTROID: 0.085

HORZ SPREAD: 1.777

VERT SPREAD: 1.568

GROUP SPREAD: 1.928

MIN RADIUS: 0.215

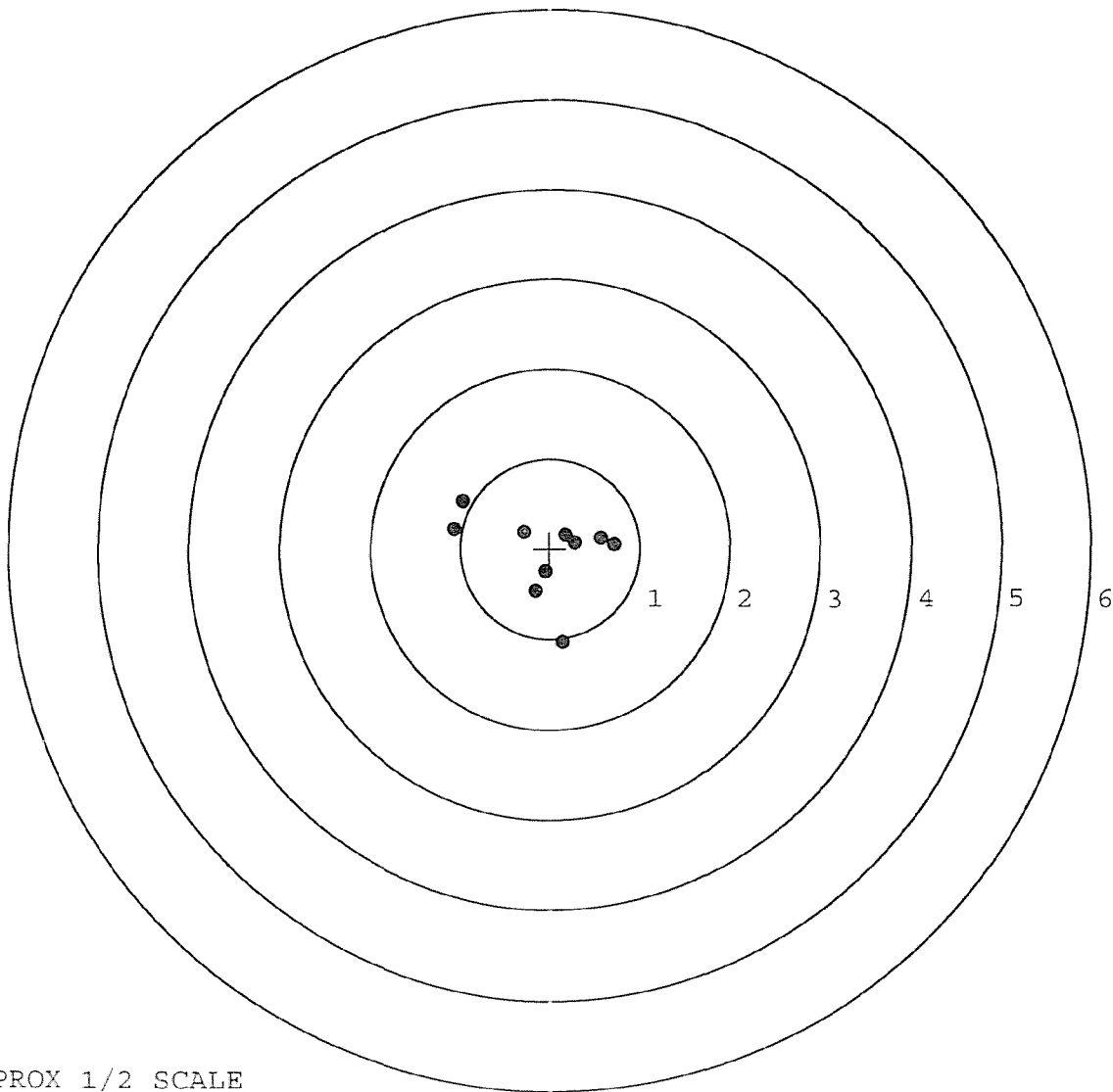
MAX RADIUS: 1.076

MEAN RADIUS: 0.621

# IN 1 IN DIAMETER: 5

# IN 2 IN DIAMETER: 7

# in 3 IN DIAMETER: 10



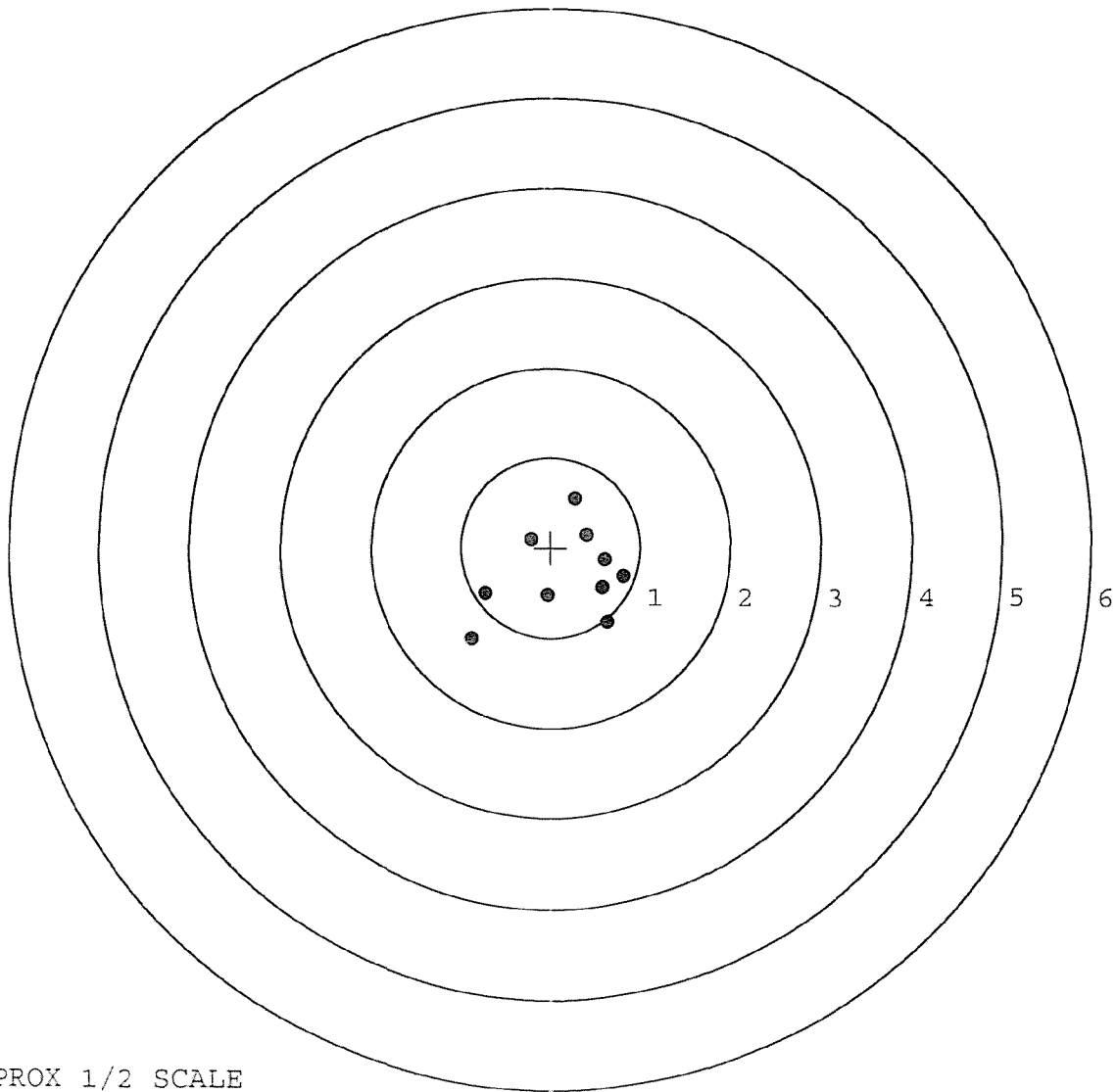
TARGET APPROX 1/2 SCALE

**BARBER - M24 0144224**

SERIAL NUMBER: G6637655. 0  
 TARGET NUMBER: 5  
 FILE DATE: 04/13/2007  
 FILE TIME: 15:02

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.271  | 0.545  |
| 2:     | 0.399  | 0.137  |
| 3:     | 0.630  | -0.833 |
| 4:     | -0.038 | -0.530 |
| 5:     | -0.221 | 0.088  |
| 6:     | -0.727 | -0.511 |
| 7:     | -0.881 | -1.009 |
| 8:     | 0.813  | -0.330 |
| 9:     | 0.601  | -0.143 |
| 10:    | 0.578  | -0.453 |

X CENTROID: 0.142  
 Y CENTROID: -0.304  
 POA TO CENTROID: 0.336  
 HORZ SPREAD: 1.694  
 VERT SPREAD: 1.554  
 GROUP SPREAD: 1.934  
 MIN RADIUS: 0.289  
 MAX RADIUS: 1.243  
 MEAN RADIUS: 0.667  
 # IN 1 IN DIAMETER: 3  
 # IN 2 IN DIAMETER: 9  
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE