

G6645610

**ORDER 25732**

M/24 7.62 NATO (RIFLE ONLY)

**UPC**



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SERIAL NO.



**M/24 7.62 NATO (RIFLE ONLY)**  
**BOLT ACTION CENTERFIRE RIFLE**  
**24" BARREL 7.62 NATO**

- INSTRUCTION BOOK 3518

DD FORM 200348



|               |              |
|---------------|--------------|
| ORDER NO.     | <b>25732</b> |
| BARREL LENGTH | 24"          |
| CAPACITY      | 5            |

**G6645610**



GUN SERIAL # 66645610

| OP #         | OPERATION NAME                                                                                                                         | READINGS            | DATE    | INITIAL    |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------|---------------------|---------|------------|
| 410          | SERIALIZE BOLT HANDLE                                                                                                                  |                     | 5-7-07  | RJL        |
| 420          | ASSEMBLE ACTION                                                                                                                        |                     | 5-4-07  | SPD        |
| 430          | ASSEMBLE TO STOCK                                                                                                                      |                     | 5-7-07  | TRW        |
| 440          | PROOF                                                                                                                                  | MAGNA FLUX          | 5-7-07  | Fm         |
| 460          | CHECK HEADSPACE                                                                                                                        | MAY 10 2008         | 5-7-07  | Fm         |
| 470          | DIS-ASSEMBLE ACTION                                                                                                                    |                     |         |            |
| 480          | MAGNAFLUX BBL ACTION                                                                                                                   | OPERATOR <i>unm</i> | 5/10/07 | <i>unm</i> |
| 490          | MAGNAFLUX BOLT                                                                                                                         |                     |         |            |
| 500          | ROLLMARK CALIBER                                                                                                                       |                     | 5-9-07  | CW         |
| 510          | DRILL AND TAP<br>SIGHT HOLES                                                                                                           |                     | 5-9-07  | TRW        |
| 520          | GOFF BLAST BBL / REC                                                                                                                   |                     | 5-10-07 | LB         |
| 530 &<br>540 | APPLY COATINGS<br>(BARREL ACTION)                                                                                                      |                     |         |            |
|              | (BOLT)                                                                                                                                 |                     | 5-12-07 | W          |
| 560          | RE-ASSEMBLE ACTION                                                                                                                     |                     |         |            |
|              | A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                                                                                                    |                     | 5-17-07 | SPD        |
|              | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD                                                                         |                     | 5-17-07 | SPD        |
|              | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                                                                                                 |                     | 5-17-07 | SPD        |
|              | D) OIL FIRING PIN ASSEMBLY                                                                                                             |                     | 5-25-07 | 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> |                     |         |            |

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>6.0</u> <u>6.0</u> <u>6.0</u>                            | 6-7-07  | Fm      |
| CONT.        |                                                                          |                                                             |         |         |
|              | G) SAFETY OFF FORCE <span>2 LBS MIN</span>                               | <u>4.0</u> <u>4.0</u> <u>3.5</u>                            | 6-7-07  | Fm      |
|              | H) TRIGGER PULL TEST<br>AND RETAINABILITY                                |                                                             |         |         |
|              | I) FIRING PIN INDENT <span>.020 MIN</span>                               | <u>.024</u> <u>.024</u> <u>.025</u>                         | 6-7-07  | Fm      |
|              | J) ASSEMBLE STOCK                                                        |                                                             | 5-25-07 | SPD     |
|              | K) ASSEMBLE SWIVEL<br>STUDS                                              |                                                             | 6-13-07 | SPD     |
|              | L) ATTACH FRONT AND<br>REAR SIGHT ASSY'S                                 |                                                             |         |         |
|              | M) IRON SIGHT<br>ALIGNMENT                                               |                                                             |         |         |
|              | N) DETACH FRONT AND<br>REAR SIGHTS AND PLACE<br>IN NUMBERED CONTAINER    |                                                             |         |         |
| 640 &<br>650 | FUNCTION TEST AND<br>TARGET                                              | <u>PASS</u> FAIL<br><u>PASS</u> FAIL                        | 5/29/07 | mm      |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
| 660          | INSPECT FOR LIVE AMMO                                                    |                                                             | 5/29/07 | SD      |
| 670          | FINAL INSPECTION<br>A) HEADSPACE                                         |                                                             | 6/8/07  | mm      |
|              | B) TRIGGER PULL <span>+/- .5 LBS<br/>MIN 2.50 LBS<br/>MAX 4.0 LBS</span> | <u>2.84</u> <u>2.72</u> <u>2.78</u> <u>2.71</u> <u>2.73</u> | 6-7-07  | Fm      |
|              | C) FUNCTION                                                              |                                                             | 6/8/07  | mm      |
| 690          | PACK                                                                     |                                                             | 6/14/07 | DA      |

F004 REV 5/2006

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 5-25-07TESTER TRW

|         | 2.50 LBS<br>INITIAL | 2.50 LBS AFTER 50<br>CYCLES | FINAL TEST & TO RESET<br>2.50 LBS |       | COMMENTS |
|---------|---------------------|-----------------------------|-----------------------------------|-------|----------|
| PULL #1 | 2.34                | 2.59                        |                                   | 2.38  |          |
| PULL #2 | 2.50                | 2.36                        |                                   | 2.45  |          |
| PULL #3 | 2.59                | 2.37                        |                                   | 2.50  |          |
| PULL #4 | 2.60                | 2.48                        |                                   | 2.46  |          |
| PULL #5 | 2.59                | 2.65                        |                                   | 2.51  |          |
| TOTAL   | 12.62               | 12.45                       |                                   | 12.30 |          |
| AVERAGE | 2.52                | 2.49                        |                                   | 2.46  |          |

|         | 3.00 LBS<br>INITIAL | 3.00 LBS AFTER 20<br>CYCLES |  | COMMENTS |
|---------|---------------------|-----------------------------|--|----------|
| PULL #1 | 3.17                | 3.15                        |  |          |
| PULL #2 | 3.02                | 3.28                        |  |          |
| PULL #3 | 3.37                | 3.27                        |  |          |
| PULL #4 | 3.34                | 3.44                        |  |          |
| PULL #5 | 3.39                | 3.31                        |  |          |
| TOTAL   | 16.29               | 16.49                       |  |          |
| AVERAGE | 3.25                | 3.29                        |  |          |

|         | 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 | 4.46                | 4.16                        |                                   | 4.00                                    |
| PULL #2 | 4.34                | 4.22                        |                                   | 4.00                                    |
| PULL #3 | 4.37                | 4.36                        |                                   | 4.03                                    |
| PULL #4 | 4.54                | 4.44                        |                                   | 4.10                                    |
| PULL #5 | 4.50                | 4.32                        |                                   | 3.99                                    |
| TOTAL   | 22.21               | 21.50                       |                                   | 20.12                                   |
| AVERAGE | 4.44                | 4.30                        |                                   | 4.02                                    |

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6645610.\_\_\_0  
FILE DATE AND TIME: 05/30/2007 05:03

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.186 |
| The Average Y Centroid of the Five Target Set:              | -0.069 |
| The Average Point of Impact of the Five Target Set:         | 0.198  |
| The Average Mean Radius of the Five Target Set:             | 0.697  |
| The Distance from POA to Centroid Target #1:                | 0.338  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.164  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.232  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.239  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.226  |

SERIAL NUMBER: G6645610. \_\_ 0

TARGET NUMBER: 1

FILE DATE: 05/30/2007

FILE TIME: 05:03

X CENTROID: -0.300

Y CENTROID: -0.156

POA TO CENTROID: 0.338

HORZ SPREAD: 2.055

VERT SPREAD: 1.638

GROUP SPREAD: 2.227

MIN RADIUS: 0.195

MAX RADIUS: 1.443

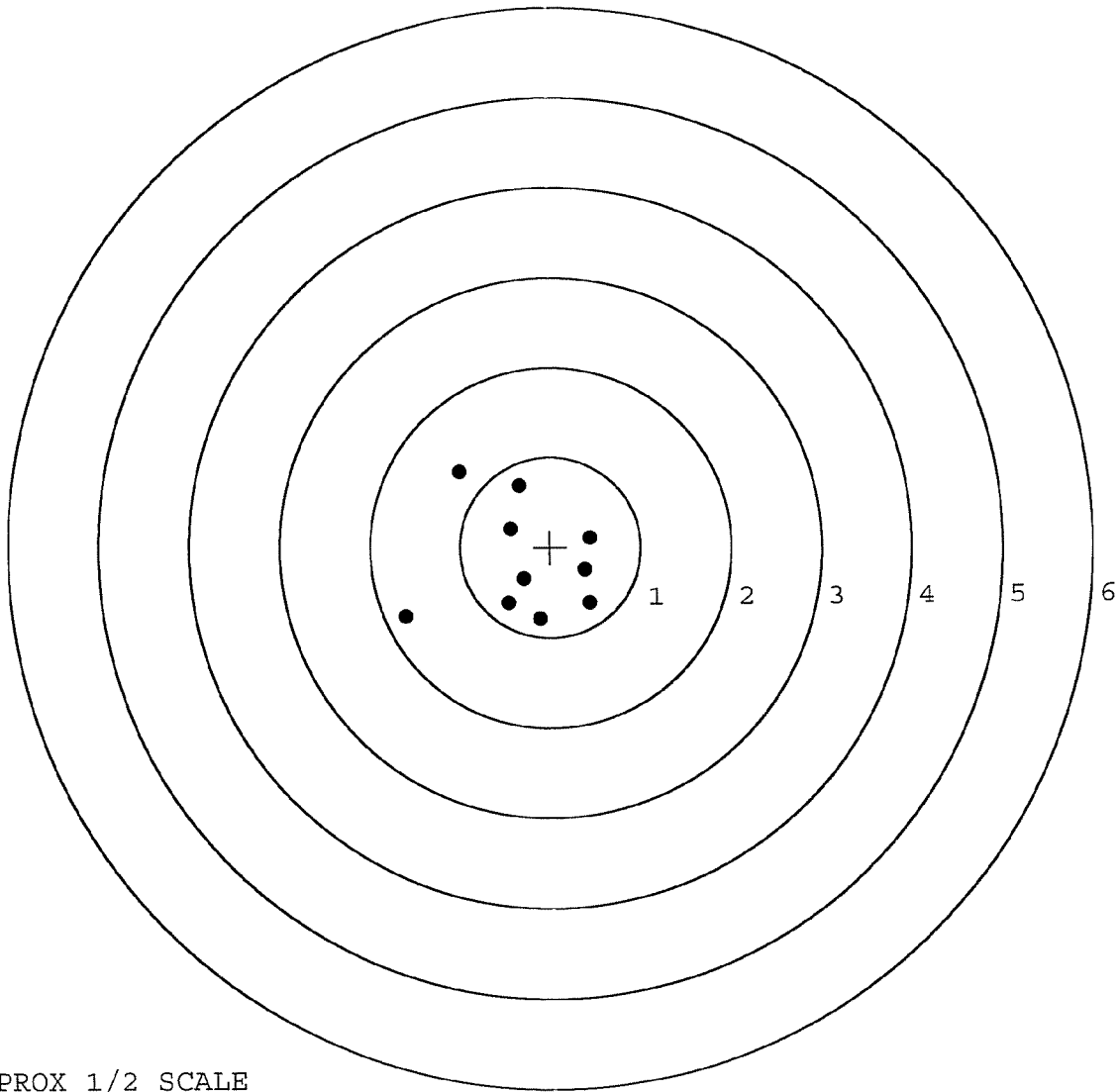
MEAN RADIUS: 0.757

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.994 | 0.844  |
| 2:     | -0.336 | 0.681  |
| 3:     | -0.437 | 0.201  |
| 4:     | 0.444  | 0.102  |
| 5:     | 0.385  | -0.248 |
| 6:     | 0.435  | -0.619 |
| 7:     | -0.118 | -0.794 |
| 8:     | -0.466 | -0.615 |
| 9:     | -0.300 | -0.351 |
| 10:    | -1.611 | -0.757 |



TARGET APPROX 1/2 SCALE

**BARBER - M24 0172356**

SERIAL NUMBER: G6645610. \_\_ 0

TARGET NUMBER: 2

FILE DATE: 05/30/2007

FILE TIME: 05:03

X CENTROID: -0.182

Y CENTROID: -0.041

POA TO CENTROID: 0.187

HORZ SPREAD: 1.723

VERT SPREAD: 1.484

GROUP SPREAD: 1.912

MIN RADIUS: 0.191

MAX RADIUS: 1.056

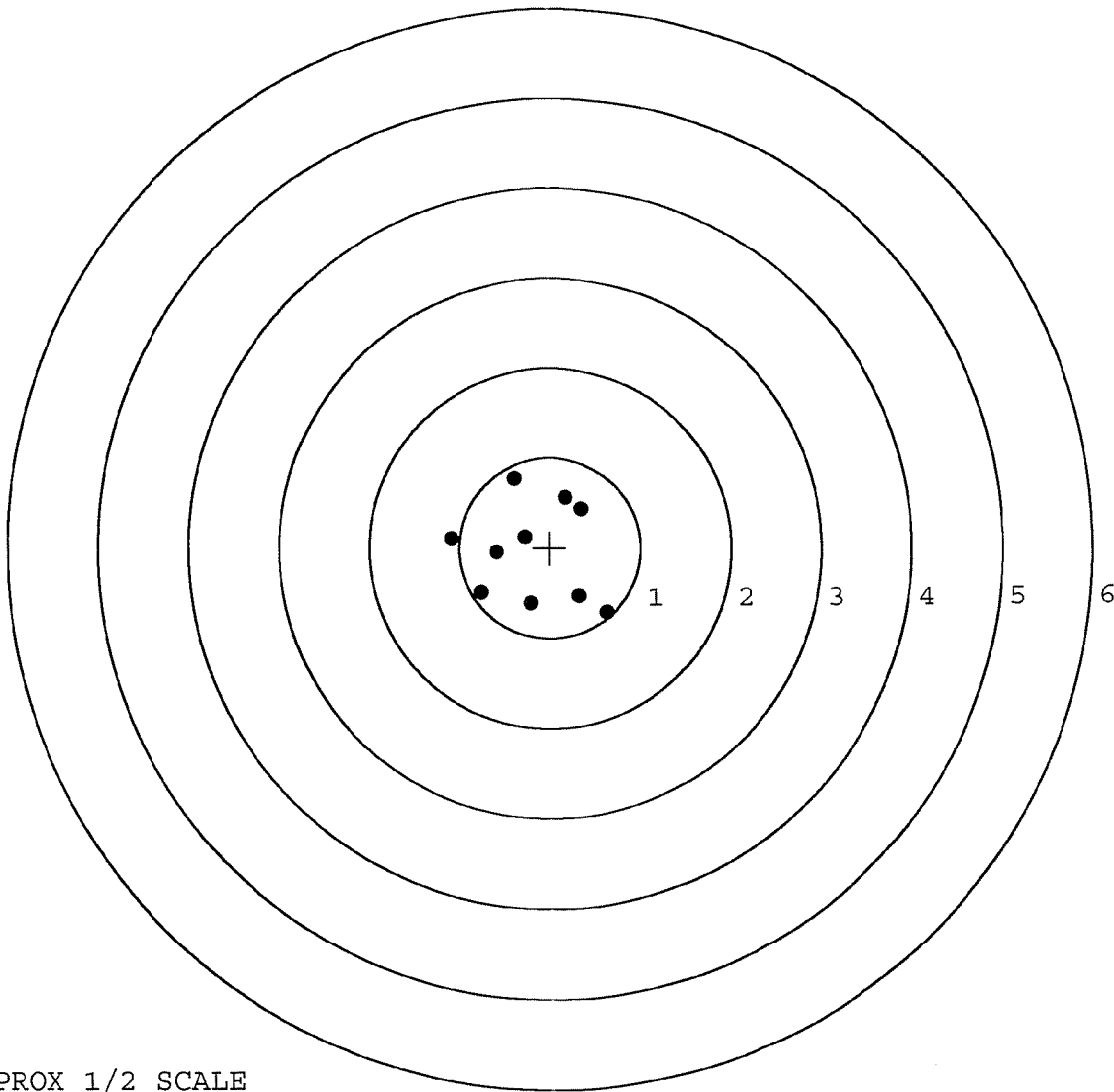
MEAN RADIUS: 0.686

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.632  | -0.714 |
| 2:     | 0.330  | -0.536 |
| 3:     | -0.216 | -0.617 |
| 4:     | -0.763 | -0.490 |
| 5:     | -0.593 | -0.050 |
| 6:     | -0.279 | 0.123  |
| 7:     | 0.359  | 0.427  |
| 8:     | 0.186  | 0.557  |
| 9:     | -0.387 | 0.770  |
| 10:    | -1.091 | 0.116  |



TARGET APPROX 1/2 SCALE

**BARBER - M24 0172357**

SERIAL NUMBER: G6645610. \_\_0

TARGET NUMBER: 3

FILE DATE: 05/30/2007

FILE TIME: 05:03

X CENTROID: -0.083

Y CENTROID: -0.074

POA TO CENTROID: 0.111

HORZ SPREAD: 1.139

VERT SPREAD: 2.431

GROUP SPREAD: 2.508

MIN RADIUS: 0.057

MAX RADIUS: 1.324

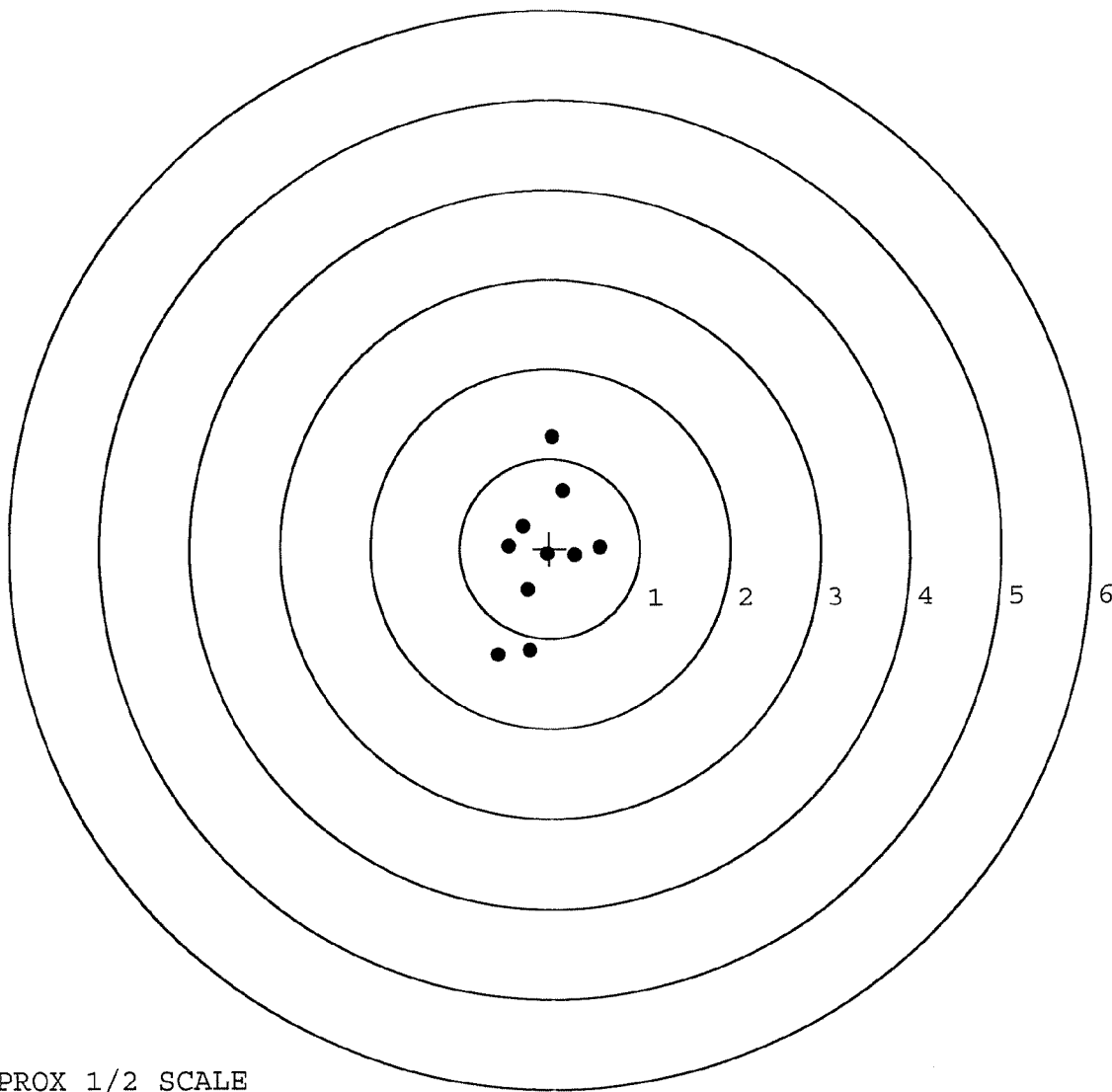
MEAN RADIUS: 0.664

# IN 1 IN DIAMETER: 5

# IN 2 IN DIAMETER: 7

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.035  | 1.245  |
| 2:     | 0.150  | 0.646  |
| 3:     | 0.556  | 0.016  |
| 4:     | 0.278  | -0.074 |
| 5:     | -0.027 | -0.061 |
| 6:     | -0.251 | -0.464 |
| 7:     | -0.230 | -1.140 |
| 8:     | -0.583 | -1.186 |
| 9:     | -0.457 | 0.029  |
| 10:    | -0.298 | 0.251  |



TARGET APPROX 1/2 SCALE

**BARBER - M24 0172358**

SERIAL NUMBER: G6645610. \_\_0

TARGET NUMBER: 4

FILE DATE: 05/30/2007

FILE TIME: 05:03

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.095  | -0.952 |
| 2:     | -0.863 | -0.201 |
| 3:     | -0.320 | 0.718  |
| 4:     | -0.019 | 0.479  |
| 5:     | 0.505  | 0.061  |
| 6:     | 0.098  | 0.062  |
| 7:     | -0.088 | -0.295 |
| 8:     | -0.227 | -0.546 |
| 9:     | 0.184  | -0.537 |
| 10:    | 0.026  | -0.235 |

X CENTROID: -0.061

Y CENTROID: -0.145

POA TO CENTROID: 0.157

HORZ SPREAD: 1.368

VERT SPREAD: 1.670

GROUP SPREAD: 1.721

MIN RADIUS: 0.125

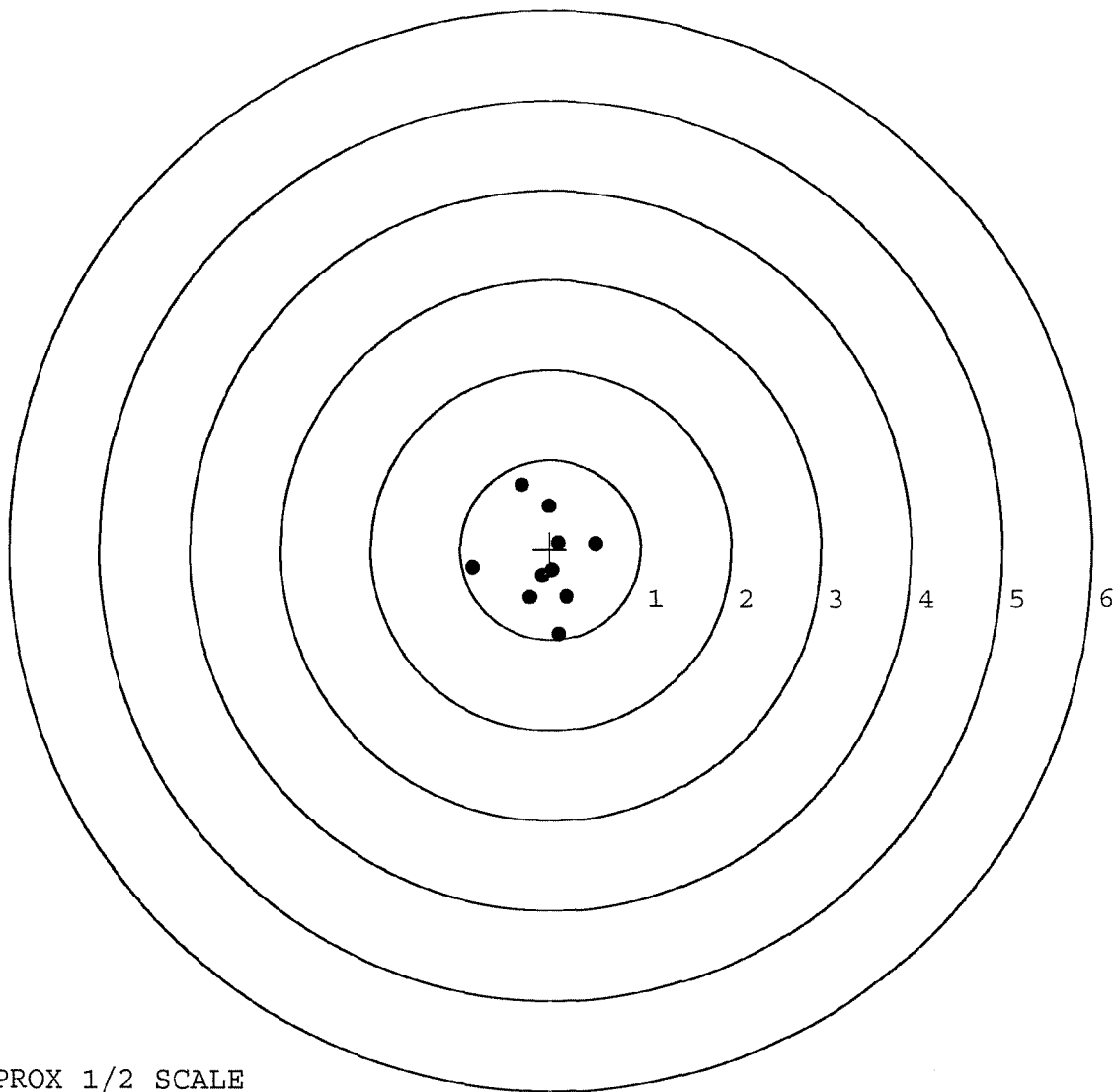
MAX RADIUS: 0.901

MEAN RADIUS: 0.519

# IN 1 IN DIAMETER: 5

# IN 2 IN DIAMETER: 10

# in 3 IN DIAMETER: 10



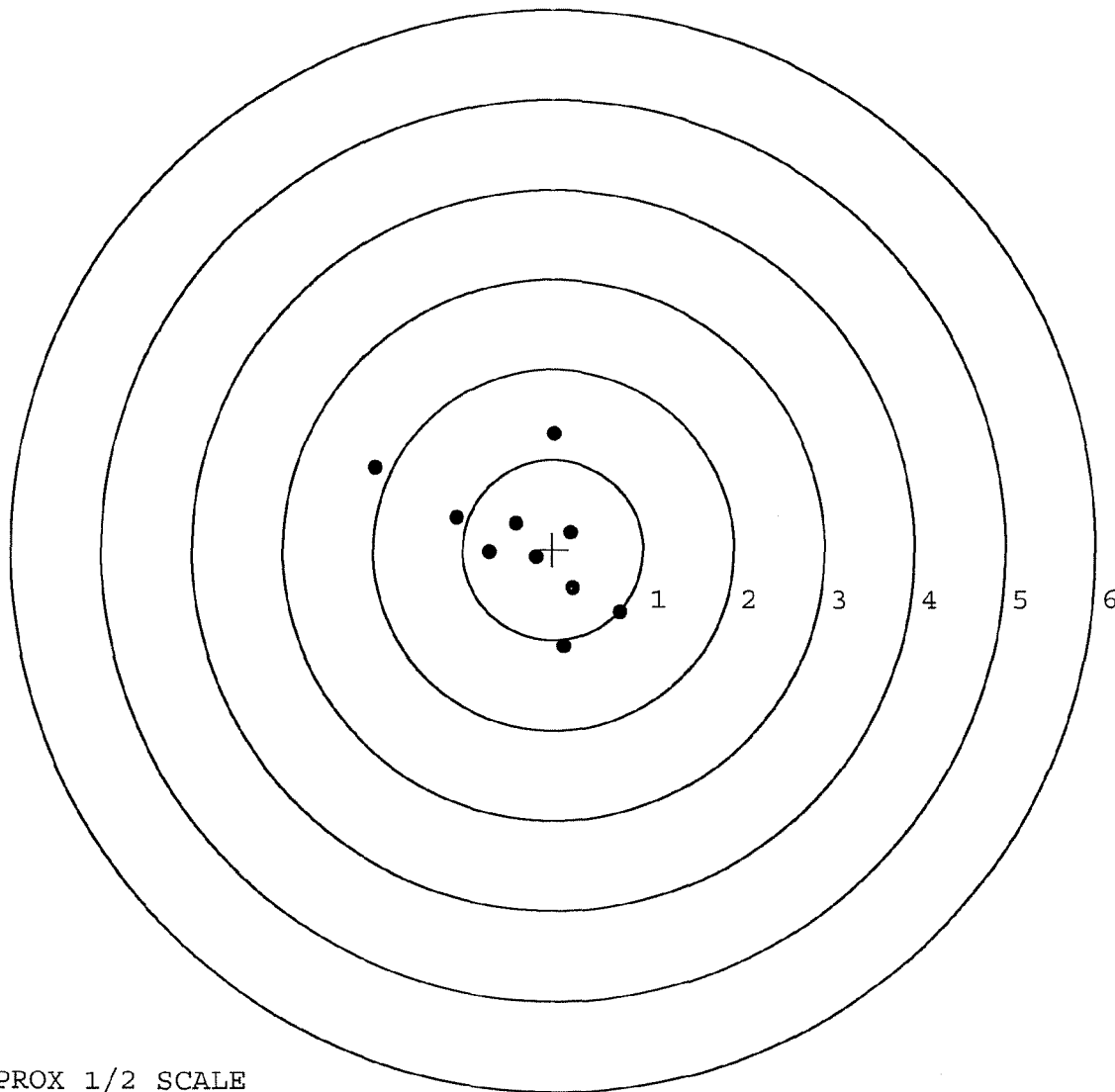
TARGET APPROX 1/2 SCALE

**BARBER - M24 0172359**

SERIAL NUMBER: G6645610. \_\_0  
 TARGET NUMBER: 5  
 FILE DATE: 05/30/2007  
 FILE TIME: 05:03

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.019  | 1.285  |
| 2:     | -1.976 | 0.915  |
| 3:     | -1.068 | 0.359  |
| 4:     | -0.412 | 0.288  |
| 5:     | 0.194  | 0.187  |
| 6:     | -0.183 | -0.088 |
| 7:     | -0.703 | -0.033 |
| 8:     | 0.221  | -0.433 |
| 9:     | 0.744  | -0.696 |
| 10:    | 0.122  | -1.079 |

X CENTROID: -0.304  
 Y CENTROID: 0.071  
 POA TO CENTROID: 0.312  
 HORZ SPREAD: 2.720  
 VERT SPREAD: 2.364  
 GROUP SPREAD: 3.161  
 MIN RADIUS: 0.200  
 MAX RADIUS: 1.873  
 MEAN RADIUS: 0.856  
 # IN 1 IN DIAMETER: 3  
 # IN 2 IN DIAMETER: 6  
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE