

G6590213

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

- INSTRUCTION BOOK 3518

**BM FORM 200348**

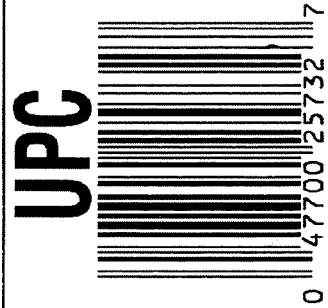


ORDER NO. **25732**

BARREL LENGTH **24"**

CAPACITY **5**

**G6590213**



**ORDER 25732**

M/24 7.62 NATO (RIFLE ONLY)

**UPC**



**ORDER 25732**

M/24 7.62 NATO (RIFLE ONLY)

**UPC**



SERIAL NO.



GUN SERIAL # 6059 0213

| OP #         | OPERATION NAME                                                 | READINGS                            | DATE     | INITIAL |
|--------------|----------------------------------------------------------------|-------------------------------------|----------|---------|
| 410          | SERIALIZE BOLT HANDLE                                          |                                     | 11-7-07  | RTZ     |
| 420          | ASSEMBLE ACTION                                                |                                     |          |         |
| 430          | ASSEMBLE TO STOCK                                              |                                     | 11-12-07 | TRW     |
| 440          | PROOF                                                          |                                     | 11-12-07 | TRW     |
| 460          | CHECK HEADSPACE                                                |                                     | 11-12-07 | TRW     |
| 470          | DIS-ASSEMBLE ACTION                                            |                                     |          |         |
| 480          | MAGNAFLUX BBL ACTION                                           | MAGNA - FLUX<br>2007<br>OPERATOR JB | 11-14-07 | JB      |
| 490          | MAGNAFLUX BOLT                                                 |                                     |          |         |
| 500          | ROLLMARK CALIBER                                               |                                     | 11-13-07 | CW      |
| 510          | DRILL AND TAP<br>SIGHT HOLES                                   |                                     | 11-13-07 | TRW     |
| 520          | GOFF BLAST BBL / REC                                           |                                     | 11-14-07 | HY      |
| 530 &<br>540 | APPLY COATINGS<br>(BARREL ACTION)                              |                                     |          |         |
|              | (BOLT)                                                         |                                     | 11/27/07 | JB      |
| 560          | RE-ASSEMBLE ACTION                                             |                                     |          |         |
|              | A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                            |                                     | 11-28-07 | DA      |
|              | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD |                                     | 11-28-07 | DA      |
|              | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                         |                                     | 11-28-07 | DA      |
|              | D) OIL FIRING PIN ASSEMBLY                                     |                                     | 11-28-07 | RTZ     |
|              | E) ADJUST TRIGGER PULL<br>TO MIN. SETTING AND<br>STAKE         | 2.50 LBS +/- .5 LBS                 |          |         |

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>55</u> <u>55</u> <u>5.75</u>                             | 11-30-07 | DA      |
| CONT.        |                                                                          |                                                             |          |         |
|              | G) SAFETY OFF FORCE <span>2 LBS MIN</span>                               | <u>3.5</u> <u>3.5</u> <u>3.5</u>                            | 11-30-07 | DA      |
|              | H) TRIGGER PULL TEST<br>AND RETAINABILITY                                |                                                             |          |         |
|              | I) FIRING PIN INDENT <span>.020 MIN</span>                               | <u>.022</u> <u>.022</u> <u>.022</u>                         | 11-30-07 | DA      |
|              | J) ASSEMBLE STOCK                                                        |                                                             | 11-28-07 | RTZ     |
|              | K) ASSEMBLE SWIVEL<br>STUDS                                              |                                                             | 11-30-07 | DA      |
|              | 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                        | 11-30-07 | TRW     |
|              | MALFUNCTION                                                              | CORRECTION                                                  |          |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |          |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |          |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |          |         |
| 660          | INSPECT FOR LIVE AMMO                                                    |                                                             | 11-30-07 | L.P.D.  |
| 670          | FINAL INSPECTION<br>A) HEADSPACE                                         |                                                             | 11-30-07 | DA      |
|              | B) TRIGGER PULL <span>+/- .5 LBS<br/>MIN 2.50 LBS<br/>MAX 4.0 LBS</span> | <u>2.29</u> <u>2.28</u> <u>2.28</u> <u>2.31</u> <u>2.23</u> | 11-30-07 | DA      |
|              | C) FUNCTION                                                              |                                                             |          |         |
| 690          | PACK                                                                     |                                                             | 11-30-07 | DA      |

F004 REV 5/2006

**BARBER - M24 0166828**

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 11-27-07

TESTER TRW

|         | 2.50 LBS<br>INITIAL | 2.50 LBS AFTER 50<br>CYCLES | FINAL TEST & TO RESET<br>2.50 LBS |       | COMMENTS |
|---------|---------------------|-----------------------------|-----------------------------------|-------|----------|
| PULL #1 | 2.69                | 2.77                        |                                   | 2.45  |          |
| PULL #2 | 2.68                | 2.55                        |                                   | 2.29  |          |
| PULL #3 | 2.34                | 2.66                        |                                   | 2.51  |          |
| PULL #4 | 2.47                | 2.68                        |                                   | 2.57  |          |
| PULL #5 | 2.53                | 2.27                        |                                   | 2.77  |          |
| TOTAL   | 12.71               | 12.93                       |                                   | 12.59 |          |
| AVERAGE | 2.54                | 2.58                        |                                   | 2.51  |          |

|         | 3.00 LBS<br>INITIAL | 3.00 LBS AFTER 20<br>CYCLES |  | COMMENTS |
|---------|---------------------|-----------------------------|--|----------|
| PULL #1 | 3.17                | 3.53                        |  |          |
| PULL #2 | 3.16                | 3.43                        |  |          |
| PULL #3 | 3.21                | 3.53                        |  |          |
| PULL #4 | 3.27                | 3.61                        |  |          |
| PULL #5 | 3.29                | 3.54                        |  |          |
| TOTAL   | 16.10               | 17.64                       |  |          |
| AVERAGE | 3.22                | 3.52                        |  |          |

|         | 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 | 4.60                | 4.18                        |                                   | 4.10                                    |
| PULL #2 | 4.51                | 4.41                        |                                   | 4.02                                    |
| PULL #3 | 4.50                | 4.42                        |                                   | 4.12                                    |
| PULL #4 | 4.52                | 4.38                        |                                   | 4.19                                    |
| PULL #5 | 4.52                | 4.48                        |                                   | 4.24                                    |
| TOTAL   | 22.65               | 21.87                       |                                   | 20.67                                   |
| AVERAGE | 4.53                | 4.37                        |                                   | 4.13                                    |

EVALUATION RECORD M24 TRIGGER ASSEMBLY

F005 REV 5/2006

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER  
KINZER V. REMINGTON

BARBER - M24 ~~0166828~~ 0166867

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6590213.\_\_\_0  
FILE DATE AND TIME: 12/03/2007 06:49

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |       |
|-------------------------------------------------------------|-------|
| The Average X Centroid of the Five Target Set:              | 0.054 |
| The Average Y Centroid of the Five Target Set:              | 0.042 |
| The Average Point of Impact of the Five Target Set:         | 0.069 |
| The Average Mean Radius of the Five Target Set:             | 0.626 |
| The Distance from POA to Centroid Target #1:                | 0.278 |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.421 |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.228 |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.301 |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.400 |

**BARBER - M24 0166830**

SERIAL NUMBER: G6590213. \_\_0

TARGET NUMBER: 1

FILE DATE: 12/03/2007

FILE TIME: 06:49

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.380  | -1.063 |
| 2:     | -0.279 | -0.945 |
| 3:     | 0.461  | 0.210  |
| 4:     | -0.011 | 0.253  |
| 5:     | -0.419 | 0.633  |
| 6:     | -0.038 | 0.746  |
| 7:     | -1.067 | 1.581  |
| 8:     | 0.210  | 1.725  |
| 9:     | 0.216  | -0.118 |
| 10:    | -0.112 | -0.320 |

X CENTROID: -0.066

Y CENTROID: 0.270

POA TO CENTROID: 0.278

HORZ SPREAD: 1.528

VERT SPREAD: 2.788

GROUP SPREAD: 3.014

MIN RADIUS: 0.058

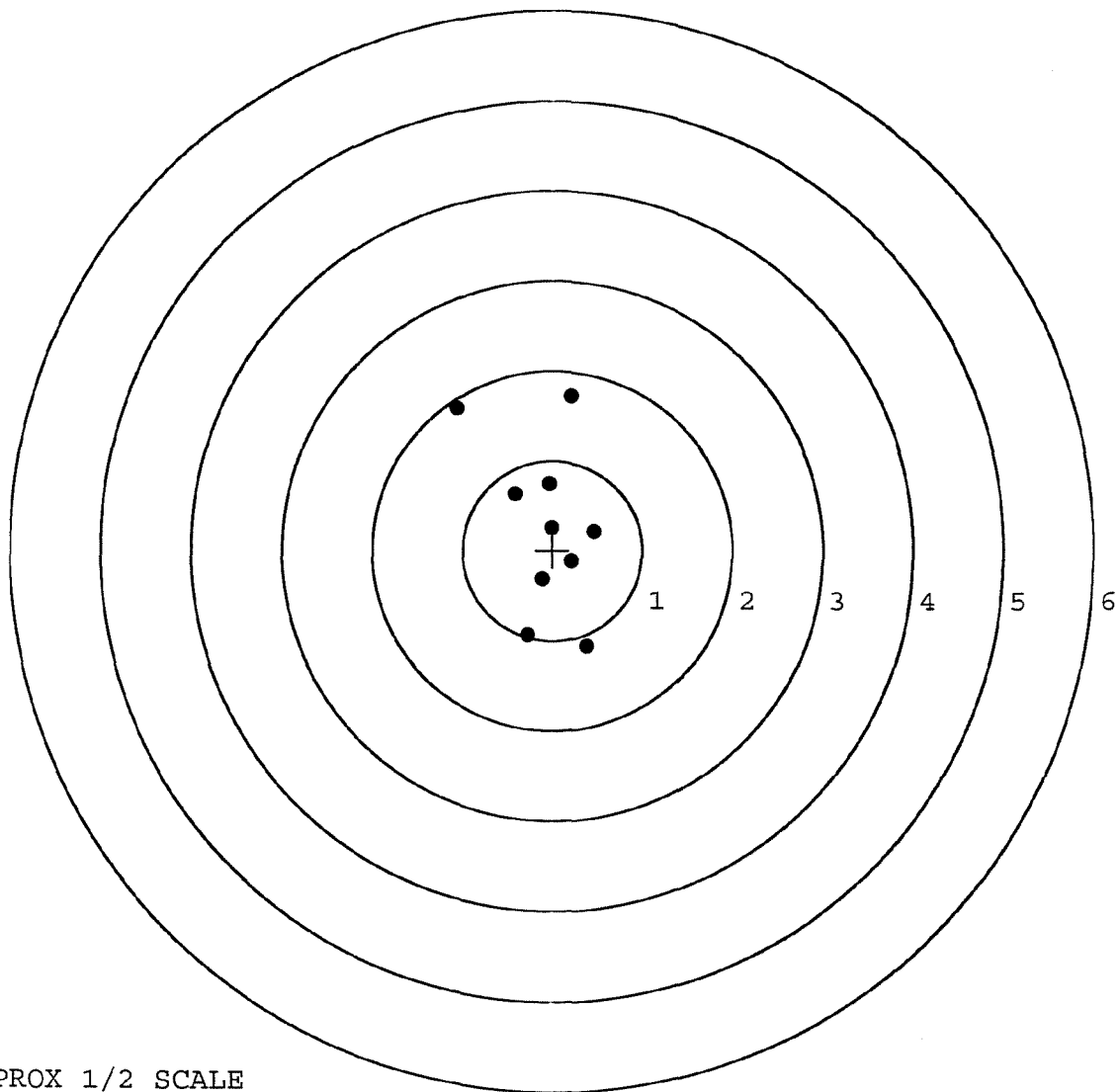
MAX RADIUS: 1.649

MEAN RADIUS: 0.841

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 6

# in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

**BARBER - M24 0166831**

SERIAL NUMBER: G6590213. \_\_0

TARGET NUMBER: 2

FILE DATE: 12/03/2007

FILE TIME: 06:49

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.960  | -0.735 |
| 2:     | 0.613  | 0.901  |
| 3:     | 0.356  | 0.342  |
| 4:     | -0.071 | 0.205  |
| 5:     | -0.430 | 0.597  |
| 6:     | -0.487 | 0.360  |
| 7:     | -0.091 | -0.426 |
| 8:     | 0.021  | -0.598 |
| 9:     | 0.137  | -0.725 |
| 10:    | 0.353  | -0.913 |

X CENTROID: 0.136

Y CENTROID: -0.099

POA TO CENTROID: 0.168

HORZ SPREAD: 1.447

VERT SPREAD: 1.814

GROUP SPREAD: 1.833

MIN RADIUS: 0.368

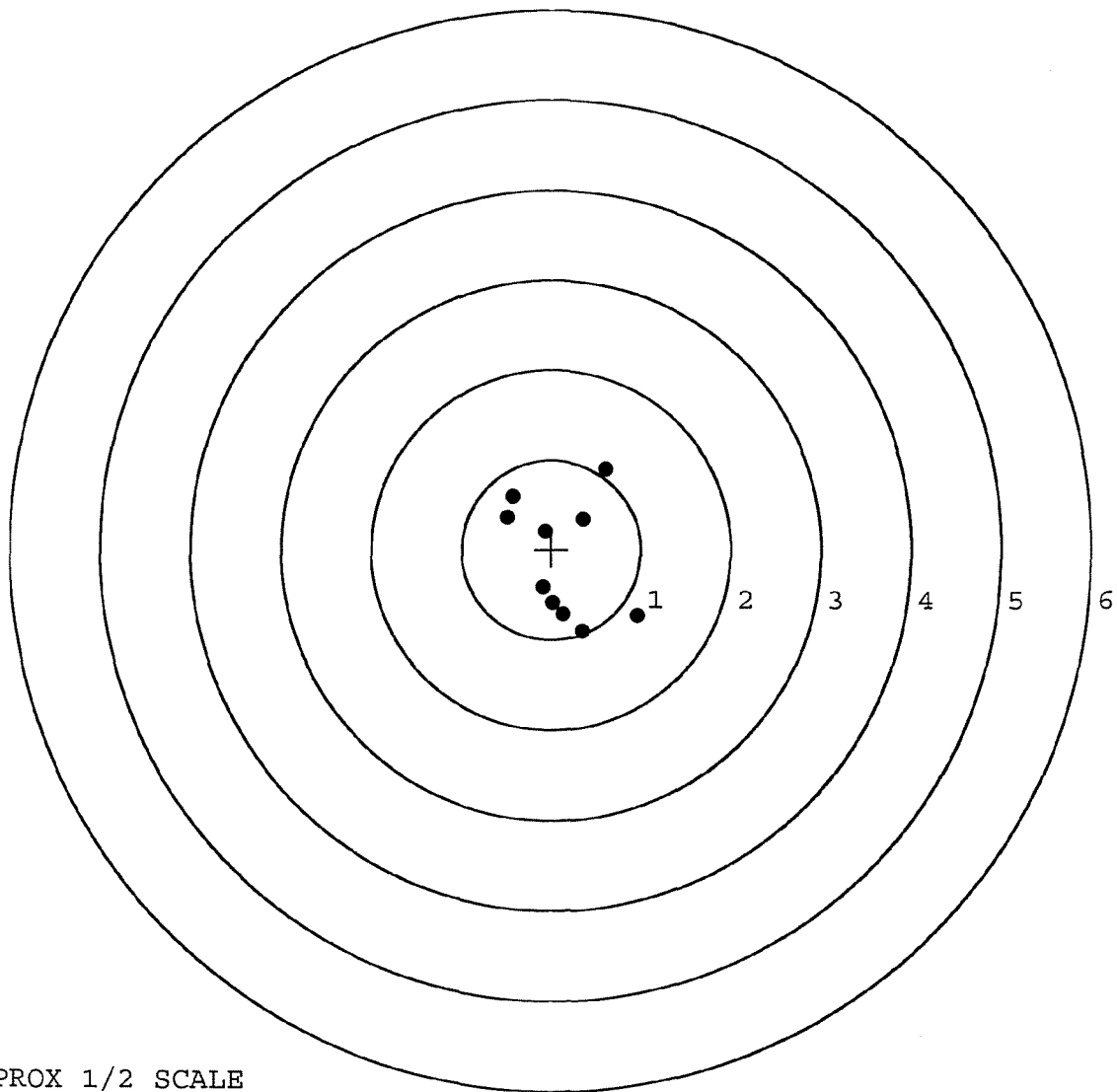
MAX RADIUS: 1.108

MEAN RADIUS: 0.706

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

**BARBER - M24 0166832**

SERIAL NUMBER: G6590213. 0

TARGET NUMBER: 3

FILE DATE: 12/03/2007

FILE TIME: 06:49

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.883  | 0.714  |
| 2:     | 0.286  | 0.827  |
| 3:     | 0.373  | -0.738 |
| 4:     | 0.314  | -0.315 |
| 5:     | -0.213 | -0.525 |
| 6:     | -0.091 | -0.129 |
| 7:     | 0.129  | 0.256  |
| 8:     | -0.322 | 0.455  |
| 9:     | 0.005  | 0.690  |
| 10:    | -0.032 | 0.347  |

X CENTROID: 0.133

Y CENTROID: 0.158

POA TO CENTROID: 0.207

HORZ SPREAD: 1.205

VERT SPREAD: 1.565

GROUP SPREAD: 1.654

MIN RADIUS: 0.098

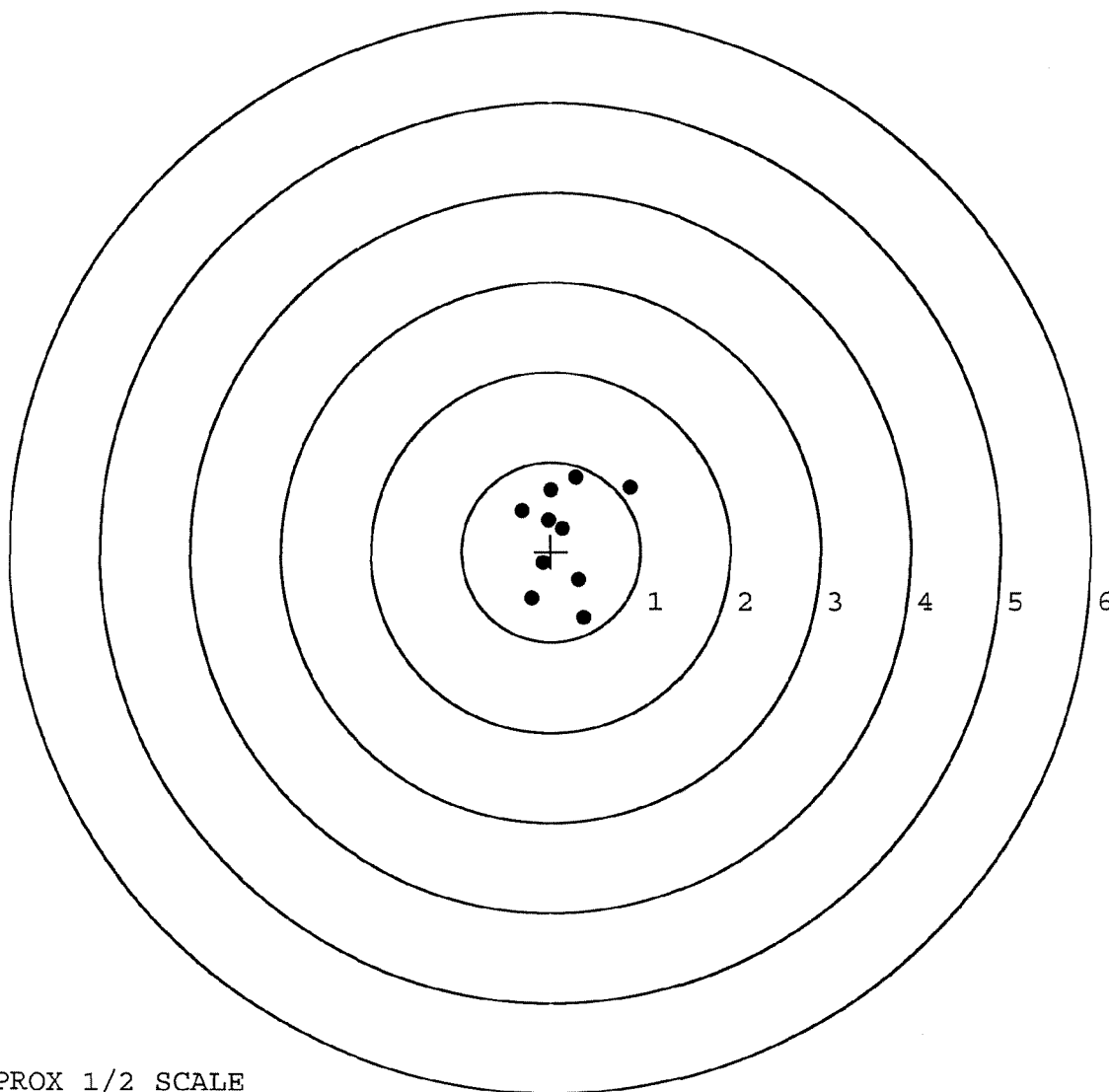
MAX RADIUS: 0.933

MEAN RADIUS: 0.562

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 10

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

**BARBER - M24 0166833**

SERIAL NUMBER: G6590213. \_\_0

TARGET NUMBER: 4

FILE DATE: 12/03/2007

FILE TIME: 06:49

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.778  | -0.854 |
| 2:     | 0.436  | 0.489  |
| 3:     | 0.000  | 0.894  |
| 4:     | -0.333 | 0.414  |
| 5:     | 0.353  | 0.085  |
| 6:     | -0.111 | 0.099  |
| 7:     | 0.142  | -0.151 |
| 8:     | -0.198 | -0.158 |
| 9:     | 0.002  | -0.415 |
| 10:    | -0.302 | -0.347 |

X CENTROID: 0.077

Y CENTROID: 0.006

POA TO CENTROID: 0.077

HORZ SPREAD: 1.111

VERT SPREAD: 1.748

GROUP SPREAD: 1.913

MIN RADIUS: 0.170

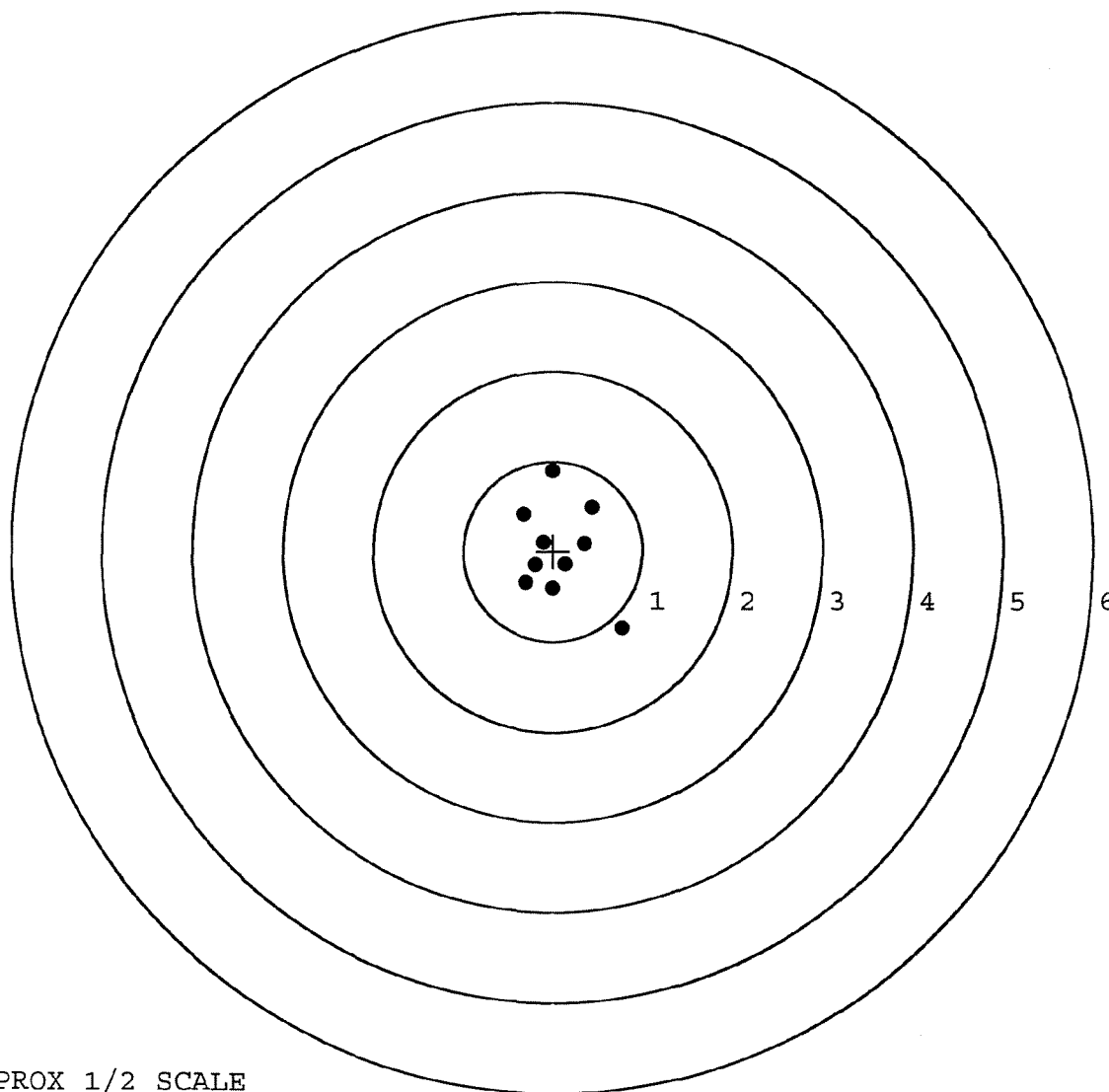
MAX RADIUS: 1.109

MEAN RADIUS: 0.511

# IN 1 IN DIAMETER: 5

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

**BARBER - M24 0166834**

SERIAL NUMBER: G6590213. \_\_ 0

TARGET NUMBER: 5

FILE DATE: 12/03/2007

FILE TIME: 06:49

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.357  | -0.807 |
| 2:     | -0.255 | -0.669 |
| 3:     | -0.843 | -0.527 |
| 4:     | 0.510  | -0.038 |
| 5:     | 0.407  | 0.271  |
| 6:     | 0.192  | 0.422  |
| 7:     | -0.198 | 0.381  |
| 8:     | 0.062  | 0.090  |
| 9:     | -0.094 | -0.085 |
| 10:    | -0.220 | -0.293 |

X CENTROID: -0.008

Y CENTROID: -0.126

POA TO CENTROID: 0.126

HORZ SPREAD: 1.353

VERT SPREAD: 1.229

GROUP SPREAD: 1.483

MIN RADIUS: 0.095

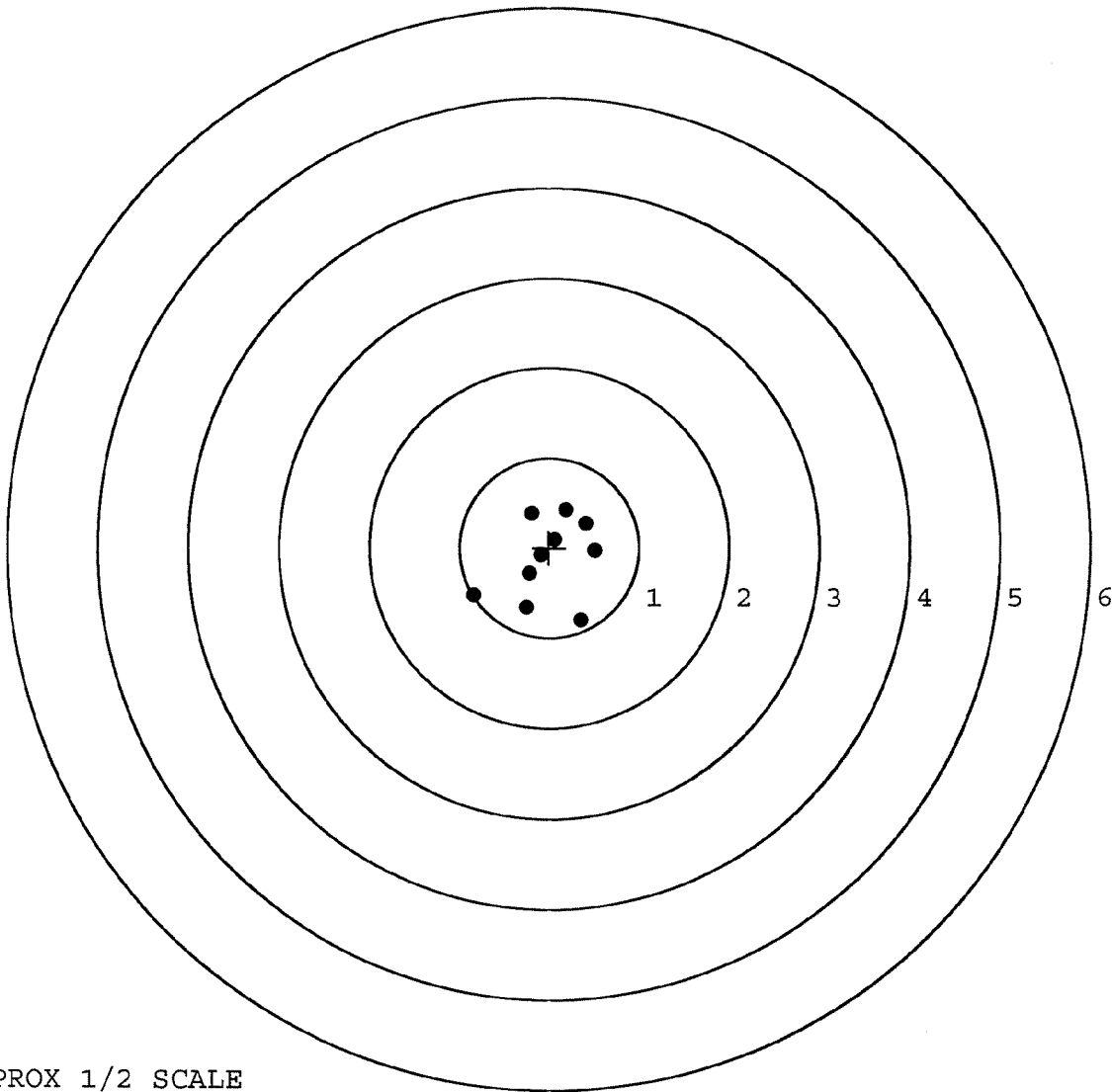
MAX RADIUS: 0.926

MEAN RADIUS: 0.511

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 10

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE