

G 653 5302

**M/24 7.62 NATO S.W.S (SCOPE & SIGHTS)**  
**BOLT ACTION CENTERFIRE RIFLE**  
**24" BARREL 7.62 NATO**

-- INSTRUCTION BOOK 3518

DD FORM 1651

proof of purchase



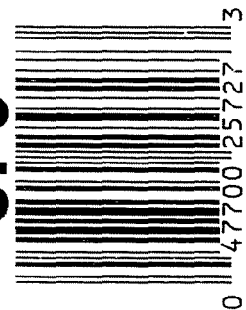
owner registration sticker



|               |              |
|---------------|--------------|
| ORDER NO.     | <b>25727</b> |
| BARREL LENGTH | 24"          |
| CAPACITY      | 5            |

**G6535302**

**UPC**



**ORDER 25727**

M/24 7.62 NATO S.W.S (SCOPE & SIGHTS)

**UPC**



**ORDER 25727**

M/24 7.62 NATO S.W.S (SCOPE & SIGHTS)

**UPC**



SERIAL NO.



## INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6535302

| OP #         | OPERATION NAME                                                                                                                         | READINGS                | DATE    | INITIAL |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------|-------------------------|---------|---------|
| 410          | SERIALIZE BOLT HANDLE                                                                                                                  |                         | 8-22-06 | RTZ     |
| 420          | ASSEMBLE ACTION                                                                                                                        |                         | 8-22-06 | RTZ     |
| 430          | ASSEMBLE TO STOCK                                                                                                                      |                         | 8-23-06 | RP      |
| 440          | PROOF                                                                                                                                  |                         | 8-23-06 | TRW     |
| 460          | CHECK HEADSPACE                                                                                                                        | MAGNA-FLUX<br>INSPECTED | 8-23-06 | TRW     |
| 470          | DIS-ASSEMBLE ACTION                                                                                                                    | AUG 24 2006             | 8-23-06 | RTZ     |
| 480          | MAGNAFLUX BBL ACTION                                                                                                                   | OPERATOR <u>mm</u>      | 8/24/06 | mm      |
| 490          | MAGNAFLUX BOLT                                                                                                                         |                         |         |         |
| 500          | ROLLMARK CALIBER                                                                                                                       |                         | 8-24-06 | CW      |
| 510          | DRILL AND TAP<br>SIGHT HOLES                                                                                                           |                         | 8-23-06 | TRW     |
| 520          | GOFF BLAST BBL / REC                                                                                                                   |                         | 8-25-06 | LB      |
| 530 &<br>540 | APPLY COATINGS<br>(BARREL ACTION)                                                                                                      |                         |         |         |
|              | (BOLT)                                                                                                                                 |                         | 8/30/06 | mm      |
| 560          | RE-ASSEMBLE ACTION                                                                                                                     |                         |         |         |
|              | A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                                                                                                    |                         | 9-5-06  | RTZ     |
|              | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD                                                                         |                         | 9-5-06  | RTZ     |
|              | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                                                                                                 |                         | 9-5-06  | RTZ     |
|              | D) OIL FIRING PIN ASSEMBLY                                                                                                             |                         | 9-5-06  | 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>5.5</u> <u>5.8</u> <u>5.5</u>                            | 9-7-06  | RA      |
| CONT.        |                                                                          |                                                             |         |         |
|              | G) SAFETY OFF FORCE <span>2 LBS MIN</span>                               | <u>2.5</u> <u>2.5</u> <u>2.5</u>                            | 9-7-06  | RA      |
|              | H) TRIGGER PULL TEST<br>AND RETAINABILITY                                |                                                             |         |         |
|              | I) FIRING PIN INDENT <span>.020 MIN</span>                               | <u>.025</u> <u>.024</u> <u>.024</u>                         | 9-7-06  | RA      |
|              | J) ASSEMBLE STOCK                                                        |                                                             | 9-5-06  | RTZ     |
|              | K) ASSEMBLE SWIVEL<br>STUDS                                              |                                                             | 9-27-06 | RTZ     |
|              | L) ATTACH FRONT AND<br>REAR SIGHT ASSY'S                                 |                                                             | 9-5-06  | RTZ     |
|              | M) IRON SIGHT<br>ALIGNMENT                                               |                                                             | 9-5-06  | RTZ     |
|              | N) DETACH FRONT AND<br>REAR SIGHTS AND PLACE<br>IN NUMBERED CONTAINER    |                                                             | 9-5-06  | RTZ     |
| 640 &<br>650 | FUNCTION TEST AND<br>TARGET                                              | <u>PASS</u> FAIL<br><u>PASS</u> FAIL                        | 9-5-06  | L.P.D.  |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
| 660          | INSPECT FOR LIVE AMMO                                                    |                                                             | 9-5-06  | RTZ     |
| 670          | FINAL INSPECTION<br>A) HEADSPACE                                         |                                                             | 9-27-06 | RTZ     |
|              | B) TRIGGER PULL <span>+/- .5 LBS<br/>MIN 2.50 LBS<br/>MAX 4.0 LBS</span> | <u>2.79</u> <u>2.82</u> <u>2.56</u> <u>2.81</u> <u>2.73</u> | 9-7-06  | RA      |
|              | C) FUNCTION                                                              |                                                             | 9-27-06 | RTZ     |
| 690          | PACK                                                                     |                                                             |         |         |

F004 REV 5/2006

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER  
KINZER V. REMINGTON

BARBER - M24 0050788 M24 0050799

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 9-1-06

TESTER MTH

|         | 2.50 LBS<br>INITIAL | 2.50 LBS AFTER 50<br>CYCLES | FINAL TEST & TO RESET<br>2.50 LBS |       | COMMENTS |
|---------|---------------------|-----------------------------|-----------------------------------|-------|----------|
| PULL #1 | 2.55                | 2.46                        |                                   | 2.44  |          |
| PULL #2 | 2.44                | 2.52                        |                                   | 2.41  |          |
| PULL #3 | 2.68                | 2.66                        |                                   | 2.57  |          |
| PULL #4 | 2.42                | 2.41                        |                                   | 2.45  |          |
| PULL #5 | 2.43                | 2.30                        |                                   | 2.69  |          |
| TOTAL   | 12.52               | 12.35                       |                                   | 12.56 |          |
| AVERAGE | 2.50                | 2.47                        |                                   | 2.51  |          |

|         | 3.00 LBS<br>INITIAL | 3.00 LBS AFTER 20<br>CYCLES |  | COMMENTS |
|---------|---------------------|-----------------------------|--|----------|
| PULL #1 | 2.88                | 3.06                        |  |          |
| PULL #2 | 2.97                | 2.85                        |  |          |
| PULL #3 | 2.83                | 2.90                        |  |          |
| PULL #4 | 2.93                | 3.19                        |  |          |
| PULL #5 | 3.12                | 2.88                        |  |          |
| TOTAL   | 14.73               | 14.88                       |  |          |
| AVERAGE | 2.95                | 2.98                        |  |          |

|         | 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 | 4.08                | 3.99                        |                                   | 3.95                                    |
| PULL #2 | 4.05                | 3.75                        |                                   | 3.87                                    |
| PULL #3 | 4.24                | 3.74                        |                                   | 3.94                                    |
| PULL #4 | 3.80                | 3.76                        |                                   | 4.22                                    |
| PULL #5 | 4.02                | 3.72                        |                                   | 4.05                                    |
| TOTAL   | 20.19               | 18.96                       |                                   | 20.03                                   |
| AVERAGE | 4.04                | 3.79                        |                                   | 4.01                                    |

EVALUATION RECORD - M-24 TRIGGER ASSEMBLY

F005 REV 5/2006

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER  
KINZER V. REMINGTON

BARBER - M24 0090761 0090800

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6535302.\_\_\_0  
FILE DATE AND TIME: 09/05/2006 20:34

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |       |
|-------------------------------------------------------------|-------|
| The Average X Centroid of the Five Target Set:              | 0.034 |
| The Average Y Centroid of the Five Target Set:              | 0.050 |
| The Average Point of Impact of the Five Target Set:         | 0.060 |
| The Average Mean Radius of the Five Target Set:             | 0.700 |
| The Distance from POA to Centroid Target #1:                | 0.085 |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.114 |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.251 |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.124 |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.045 |

**BARBER - M24 0090763**

SERIAL NUMBER: G6535302. 0

TARGET NUMBER: 1

FILE DATE: 09/05/2006

FILE TIME: 20:34

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.170  | 1.178  |
| 2:     | -0.042 | 1.076  |
| 3:     | 0.060  | 0.400  |
| 4:     | 0.822  | -0.602 |
| 5:     | -0.923 | -0.044 |
| 6:     | -0.315 | -0.150 |
| 7:     | 0.376  | -0.430 |
| 8:     | 0.170  | -0.420 |
| 9:     | -0.024 | -0.099 |
| 10:    | 0.169  | -0.201 |

X CENTROID: 0.046

Y CENTROID: 0.071

POA TO CENTROID: 0.085

HORZ SPREAD: 1.745

VERT SPREAD: 1.780

GROUP SPREAD: 1.896

MIN RADIUS: 0.184

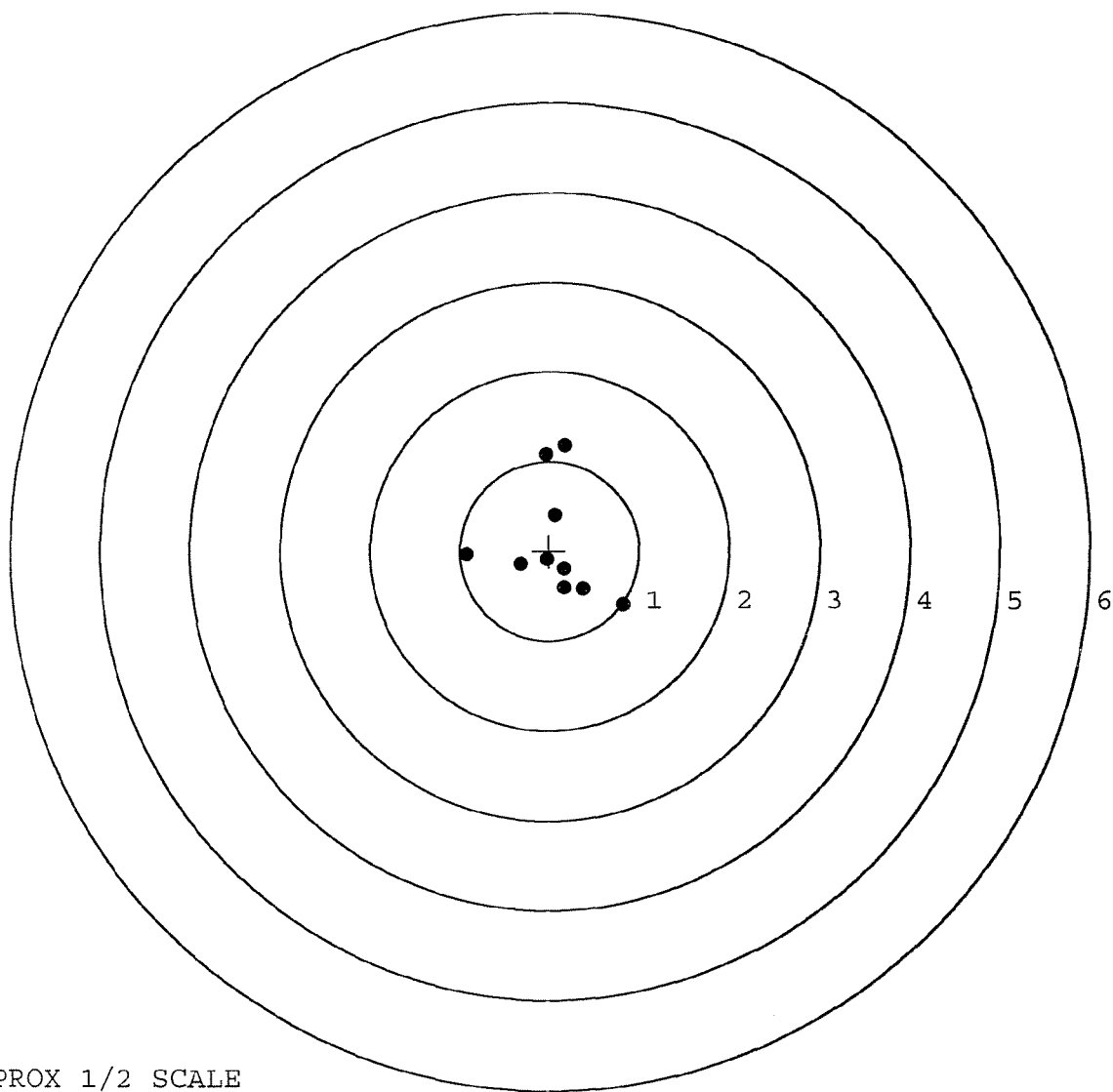
MAX RADIUS: 1.114

MEAN RADIUS: 0.647

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 7

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE



**BARBER - M24 0090764**

SERIAL NUMBER: G6535302. 0

TARGET NUMBER: 2

FILE DATE: 09/05/2006

FILE TIME: 20:34

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.931  | -0.899 |
| 2:     | 0.010  | -0.696 |
| 3:     | 1.051  | 0.273  |
| 4:     | 0.622  | 0.427  |
| 5:     | 0.212  | 0.555  |
| 6:     | -0.860 | 0.268  |
| 7:     | -0.478 | 0.259  |
| 8:     | 0.006  | -0.168 |
| 9:     | -0.135 | 0.052  |
| 10:    | 0.157  | 0.208  |

X CENTROID: 0.152

Y CENTROID: 0.028

POA TO CENTROID: 0.154

HORZ SPREAD: 1.911

VERT SPREAD: 1.454

GROUP SPREAD: 2.138

MIN RADIUS: 0.180

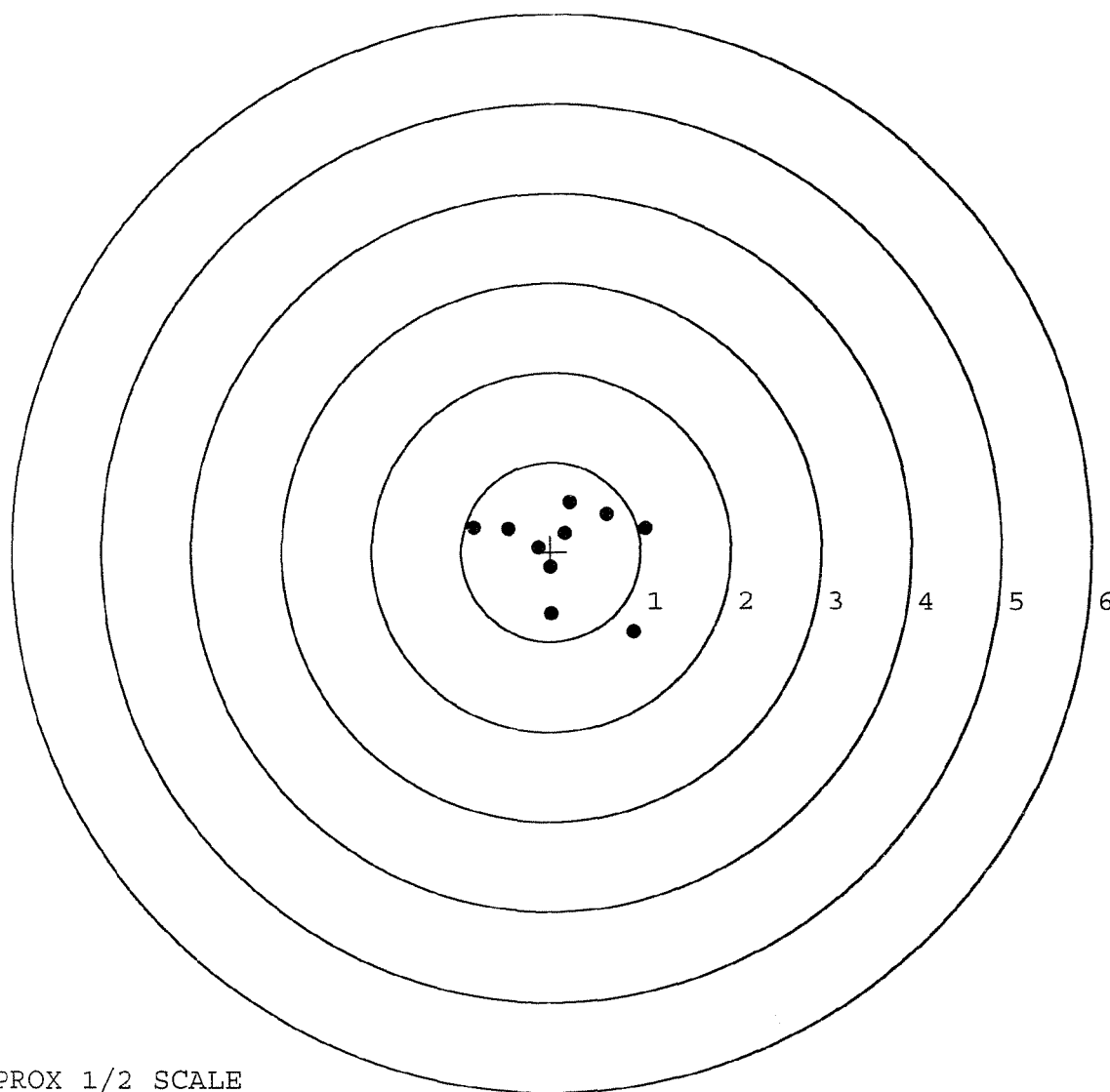
MAX RADIUS: 1.211

MEAN RADIUS: 0.645

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

**BARBER - M24 0090765**

SERIAL NUMBER: G6535302. 0

TARGET NUMBER: 3

FILE DATE: 09/05/2006

FILE TIME: 20:34

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.429  | -1.010 |
| 2:     | 0.696  | -0.300 |
| 3:     | 0.984  | -0.083 |
| 4:     | 0.918  | 0.528  |
| 5:     | -0.705 | -0.621 |
| 6:     | 0.026  | 0.466  |
| 7:     | -0.636 | 0.289  |
| 8:     | -0.705 | 1.080  |
| 9:     | -1.399 | 0.681  |
| 10:    | -1.490 | 0.586  |

X CENTROID: -0.188

Y CENTROID: 0.162

POA TO CENTROID: 0.248

HORZ SPREAD: 2.474

VERT SPREAD: 2.090

GROUP SPREAD: 2.563

MIN RADIUS: 0.372

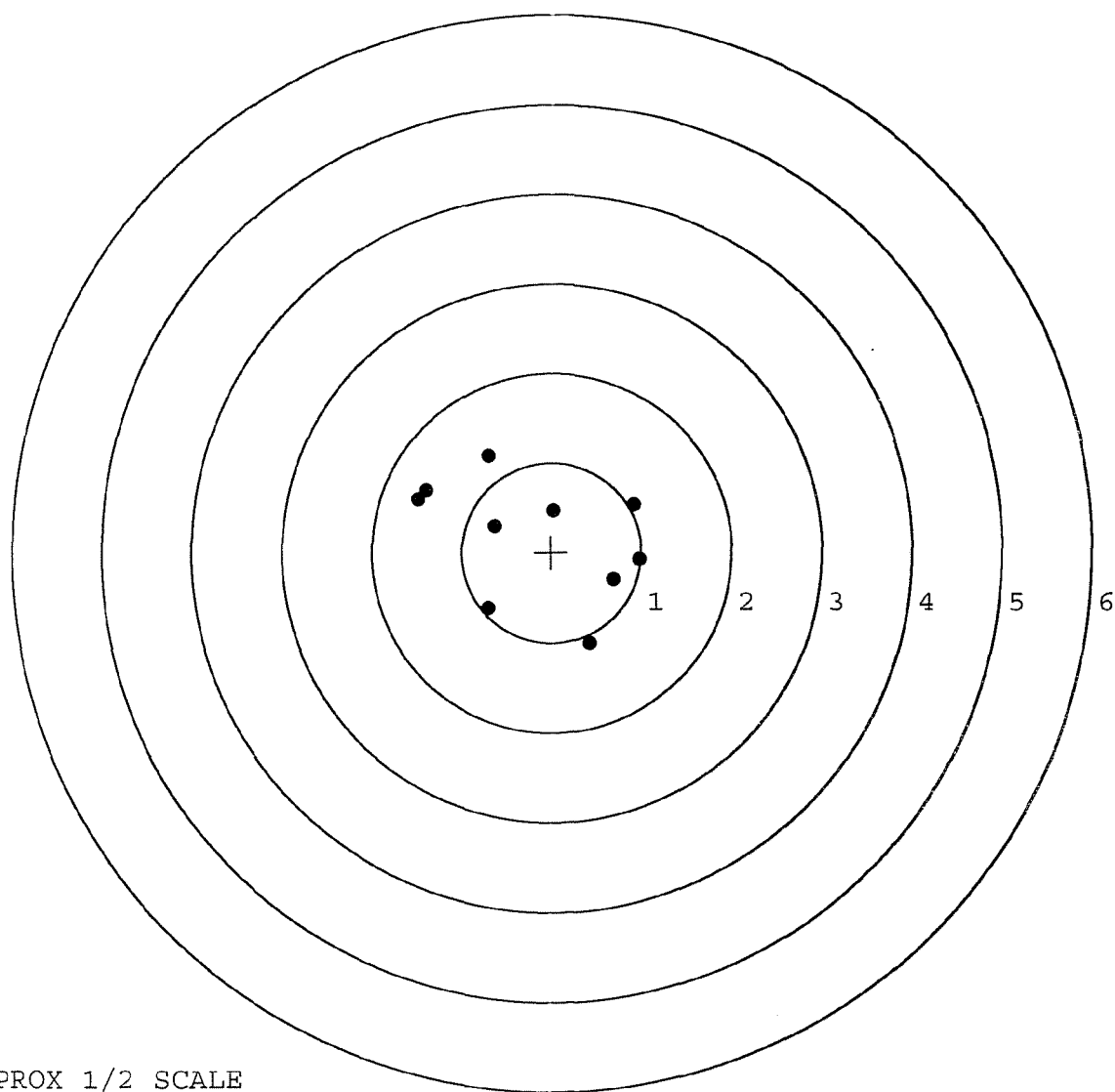
MAX RADIUS: 1.369

MEAN RADIUS: 1.020

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 4

# in 3 IN DIAMETER: 10

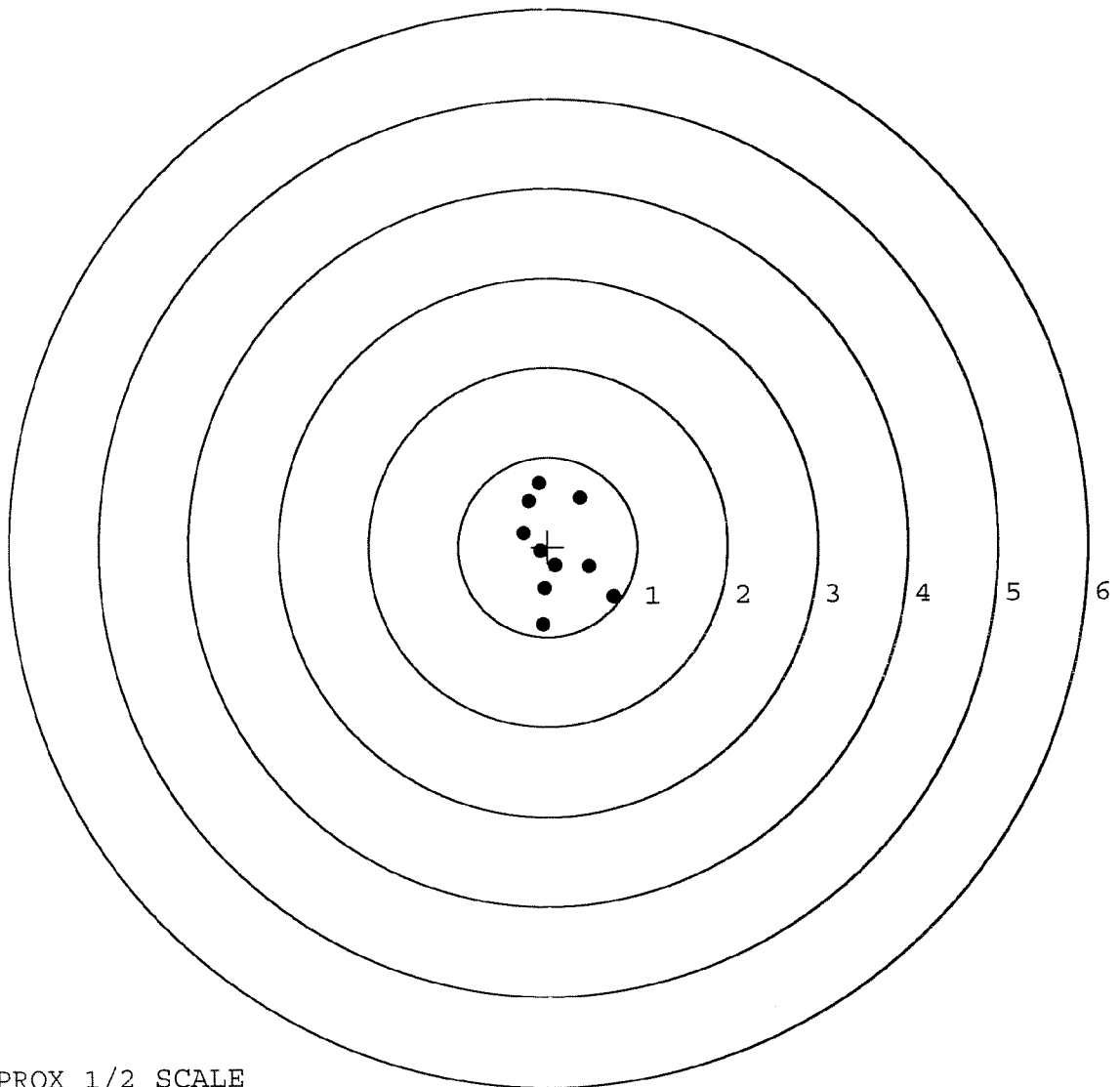


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535302. \_\_0  
 TARGET NUMBER: 4  
 FILE DATE: 09/05/2006  
 FILE TIME: 20:34

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.060 | -0.867 |
| 2:     | 0.735  | -0.564 |
| 3:     | 0.460  | -0.224 |
| 4:     | -0.037 | -0.465 |
| 5:     | 0.080  | -0.211 |
| 6:     | -0.083 | -0.048 |
| 7:     | -0.271 | 0.159  |
| 8:     | 0.361  | 0.546  |
| 9:     | -0.097 | 0.711  |
| 10:    | -0.211 | 0.507  |

X CENTROID: 0.088  
 Y CENTROID: -0.046  
 POA TO CENTROID: 0.099  
 HORZ SPREAD: 1.006  
 VERT SPREAD: 1.578  
 GROUP SPREAD: 1.578  
 MIN RADIUS: 0.166  
 MAX RADIUS: 0.835  
 MEAN RADIUS: 0.532  
 # IN 1 IN DIAMETER: 5  
 # IN 2 IN DIAMETER: 10  
 # in 3 IN DIAMETER: 10

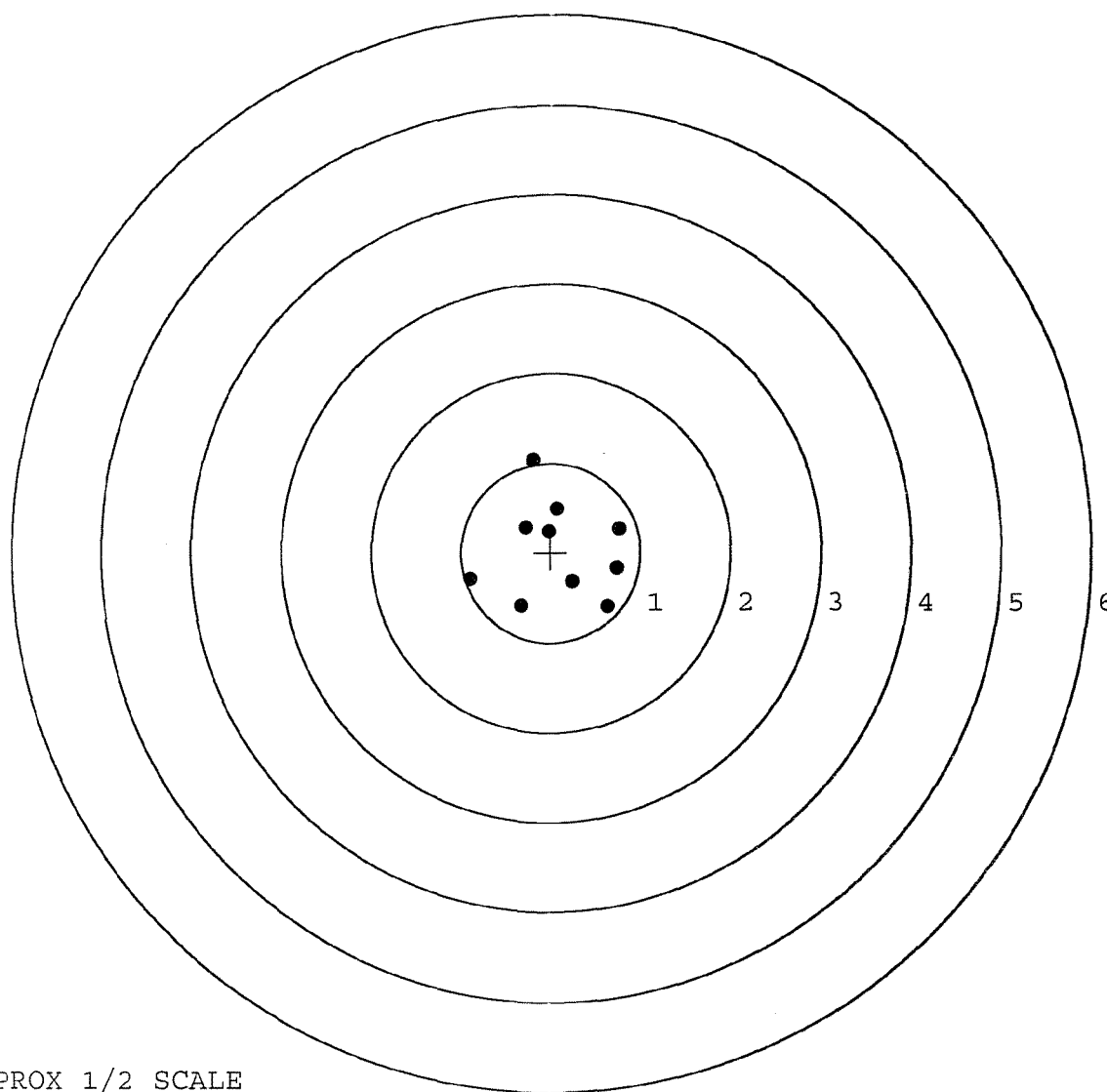


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535302. 0  
 TARGET NUMBER: 5  
 FILE DATE: 09/05/2006  
 FILE TIME: 20:34

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.896 | -0.299 |
| 2:     | -0.329 | -0.591 |
| 3:     | 0.634  | -0.595 |
| 4:     | 0.245  | -0.321 |
| 5:     | 0.741  | -0.170 |
| 6:     | 0.760  | 0.271  |
| 7:     | -0.018 | 0.236  |
| 8:     | -0.283 | 0.284  |
| 9:     | 0.067  | 0.491  |
| 10:    | -0.201 | 1.035  |

X CENTROID: 0.072  
 Y CENTROID: 0.034  
 POA TO CENTROID: 0.080  
 HORZ SPREAD: 1.656  
 VERT SPREAD: 1.630  
 GROUP SPREAD: 1.831  
 MIN RADIUS: 0.221  
 MAX RADIUS: 1.037  
 MEAN RADIUS: 0.658  
 # IN 1 IN DIAMETER: 4  
 # IN 2 IN DIAMETER: 8  
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6535302.\_\_1

FILE DATE AND TIME: 10/17/2006 13:48

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | 0.073  |
| The Average Y Centroid of the Five Target Set:              | -0.018 |
| The Average Point of Impact of the Five Target Set:         | 0.076  |
| The Average Mean Radius of the Five Target Set:             | 0.627  |
| The Distance from POA to Centroid Target #1:                | 0.230  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.111  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.237  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.341  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.374  |

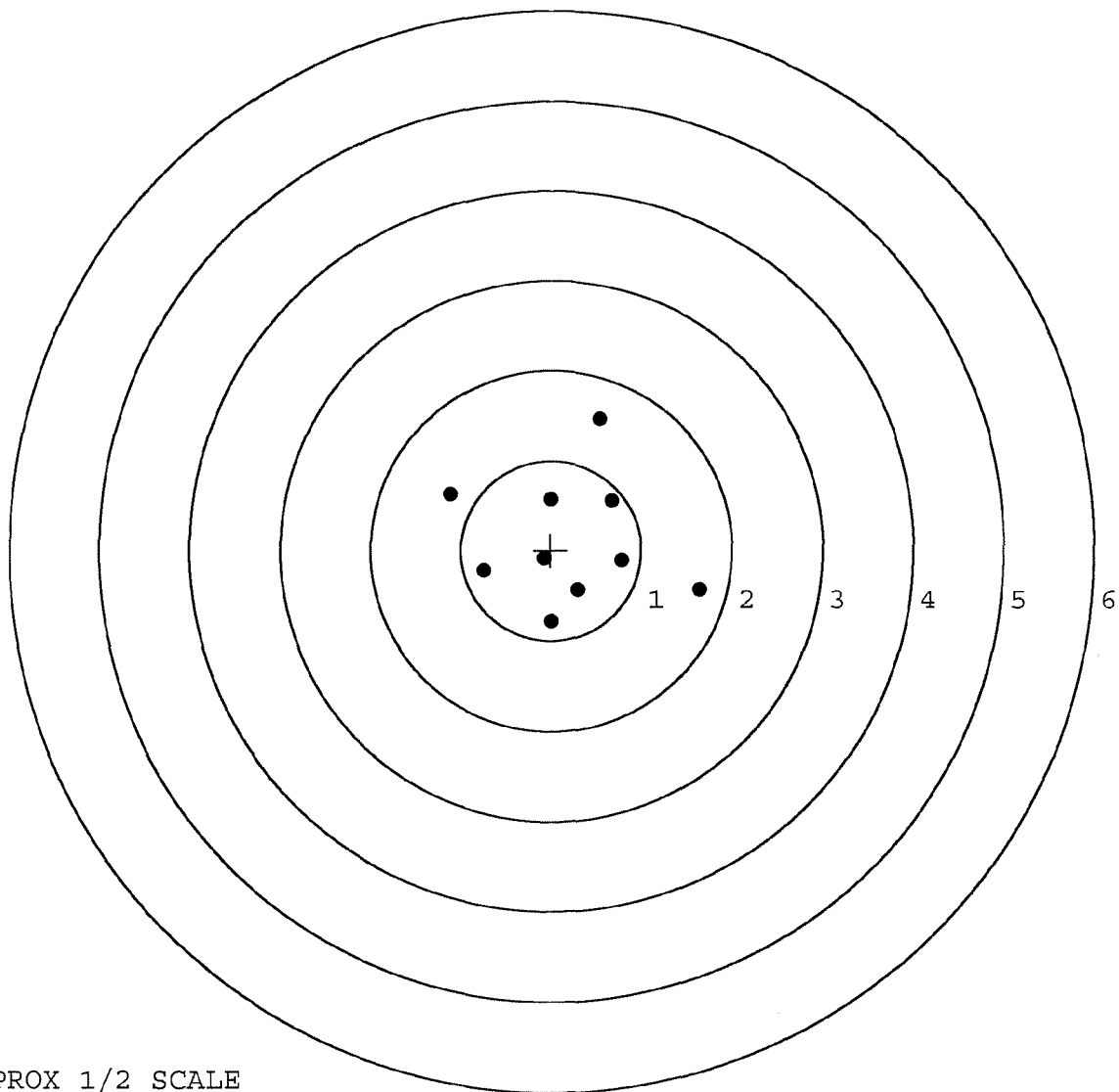
**BARBER - M24 0090769**

SERIAL NUMBER: G6535302. \_\_1  
 TARGET NUMBER: 1  
 FILE DATE: 10/17/2006  
 FILE TIME: 13:48

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.643  | -0.440 |
| 2:     | 0.535  | 1.464  |
| 3:     | 0.680  | 0.557  |
| 4:     | 0.788  | -0.118 |
| 5:     | 0.012  | -0.795 |
| 6:     | 0.301  | -0.446 |
| 7:     | -0.074 | -0.094 |
| 8:     | 0.000  | 0.570  |
| 9:     | -0.740 | -0.228 |
| 10:    | -1.116 | 0.623  |

X CENTROID: 0.203  
 Y CENTROID: 0.109  
 POA TO CENTROID: 0.230  
 HORZ SPREAD: 2.759  
 VERT SPREAD: 2.259  
 GROUP SPREAD: 2.957  
 MIN RADIUS: 0.344  
 MAX RADIUS: 1.541  
 MEAN RADIUS: 0.897

# IN 1 IN DIAMETER: 1  
 # IN 2 IN DIAMETER: 6  
 # in 3 IN DIAMETER: 9



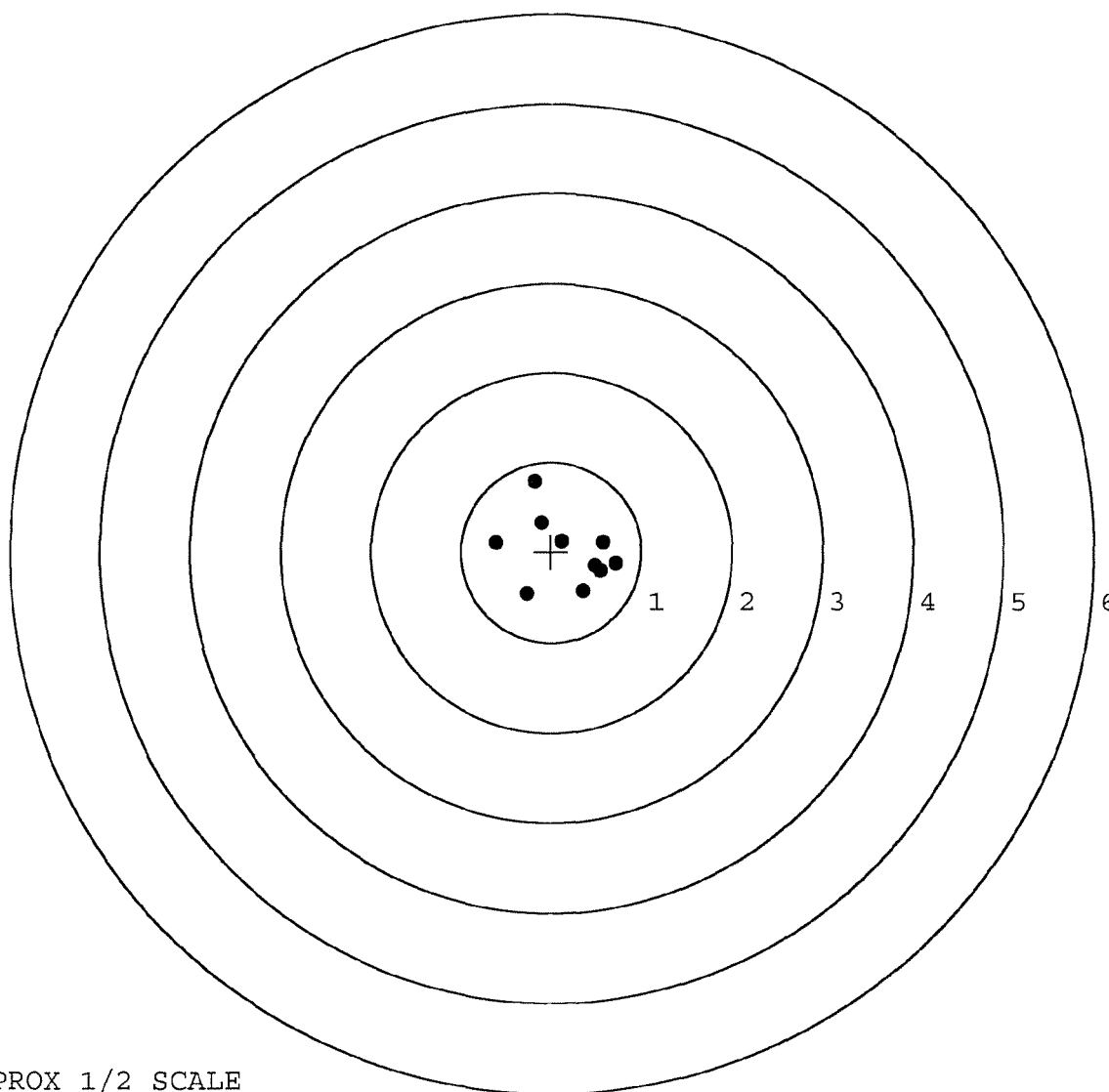
TARGET APPROX 1/2 SCALE

**BARBER - M24 0090770**

SERIAL NUMBER: G6535302. 1  
 TARGET NUMBER: 2  
 FILE DATE: 10/17/2006  
 FILE TIME: 13:48

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.273 | -0.463 |
| 2:     | -0.614 | 0.102  |
| 3:     | -0.184 | 0.785  |
| 4:     | -0.112 | 0.324  |
| 5:     | 0.115  | 0.120  |
| 6:     | 0.575  | 0.111  |
| 7:     | 0.725  | -0.128 |
| 8:     | 0.489  | -0.150 |
| 9:     | 0.356  | -0.431 |
| 10:    | 0.547  | -0.212 |

X CENTROID: 0.162  
 Y CENTROID: 0.006  
 POA TO CENTROID: 0.163  
 HORZ SPREAD: 1.339  
 VERT SPREAD: 1.248  
 GROUP SPREAD: 1.331  
 MIN RADIUS: 0.124  
 MAX RADIUS: 0.853  
 MEAN RADIUS: 0.510  
 # IN 1 IN DIAMETER: 6  
 # IN 2 IN DIAMETER: 10  
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

**BARBER - M24 0090771**

SERIAL NUMBER: G6535302. \_\_1

TARGET NUMBER: 3

FILE DATE: 10/17/2006

FILE TIME: 13:48

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.427  | -1.057 |
| 2:     | 0.688  | -0.694 |
| 3:     | 0.434  | -0.490 |
| 4:     | -0.110 | -0.393 |
| 5:     | 0.370  | 0.212  |
| 6:     | 0.558  | 0.324  |
| 7:     | 0.010  | 0.751  |
| 8:     | -0.197 | 0.005  |
| 9:     | -0.449 | 0.148  |
| 10:    | -1.157 | 0.415  |

X CENTROID: 0.057

Y CENTROID: -0.078

POA TO CENTROID: 0.097

HORZ SPREAD: 1.845

VERT SPREAD: 1.808

GROUP SPREAD: 2.162

MIN RADIUS: 0.268

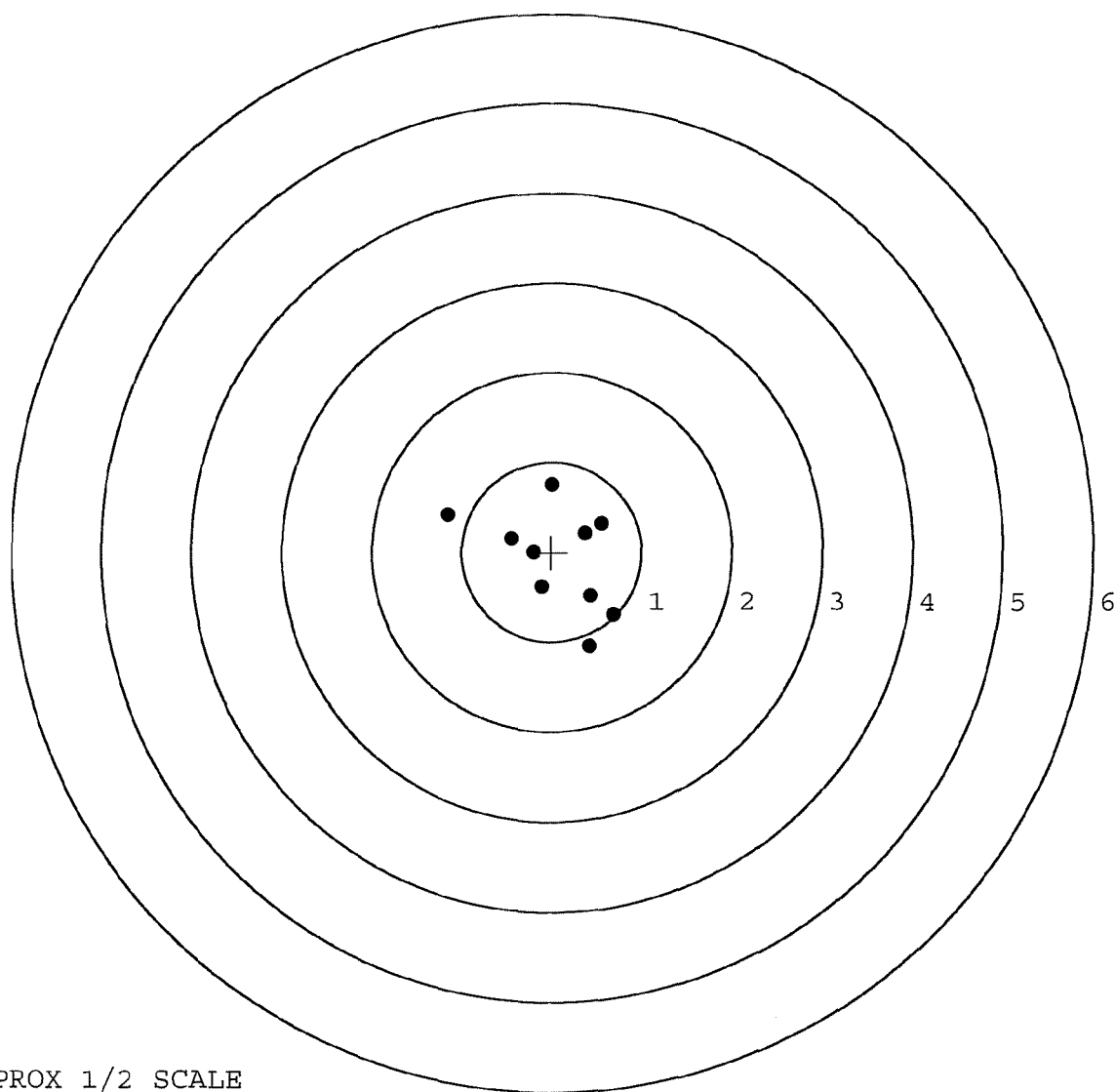
MAX RADIUS: 1.311

MEAN RADIUS: 0.687

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE



**BARBER - M24 0090772**

SERIAL NUMBER: G6535302. 1

TARGET NUMBER: 4

FILE DATE: 10/17/2006

FILE TIME: 13:48

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.728  | -0.315 |
| 2:     | 0.578  | -0.133 |
| 3:     | 0.336  | 0.161  |
| 4:     | 0.133  | 0.344  |
| 5:     | -0.288 | 0.421  |
| 6:     | -0.529 | 0.509  |
| 7:     | -0.432 | 0.247  |
| 8:     | -0.802 | 0.175  |
| 9:     | -0.665 | -0.050 |
| 10:    | -0.439 | -0.195 |

X CENTROID: -0.138

Y CENTROID: 0.116

POA TO CENTROID: 0.181

HORZ SPREAD: 1.530

VERT SPREAD: 0.824

GROUP SPREAD: 1.607

MIN RADIUS: 0.322

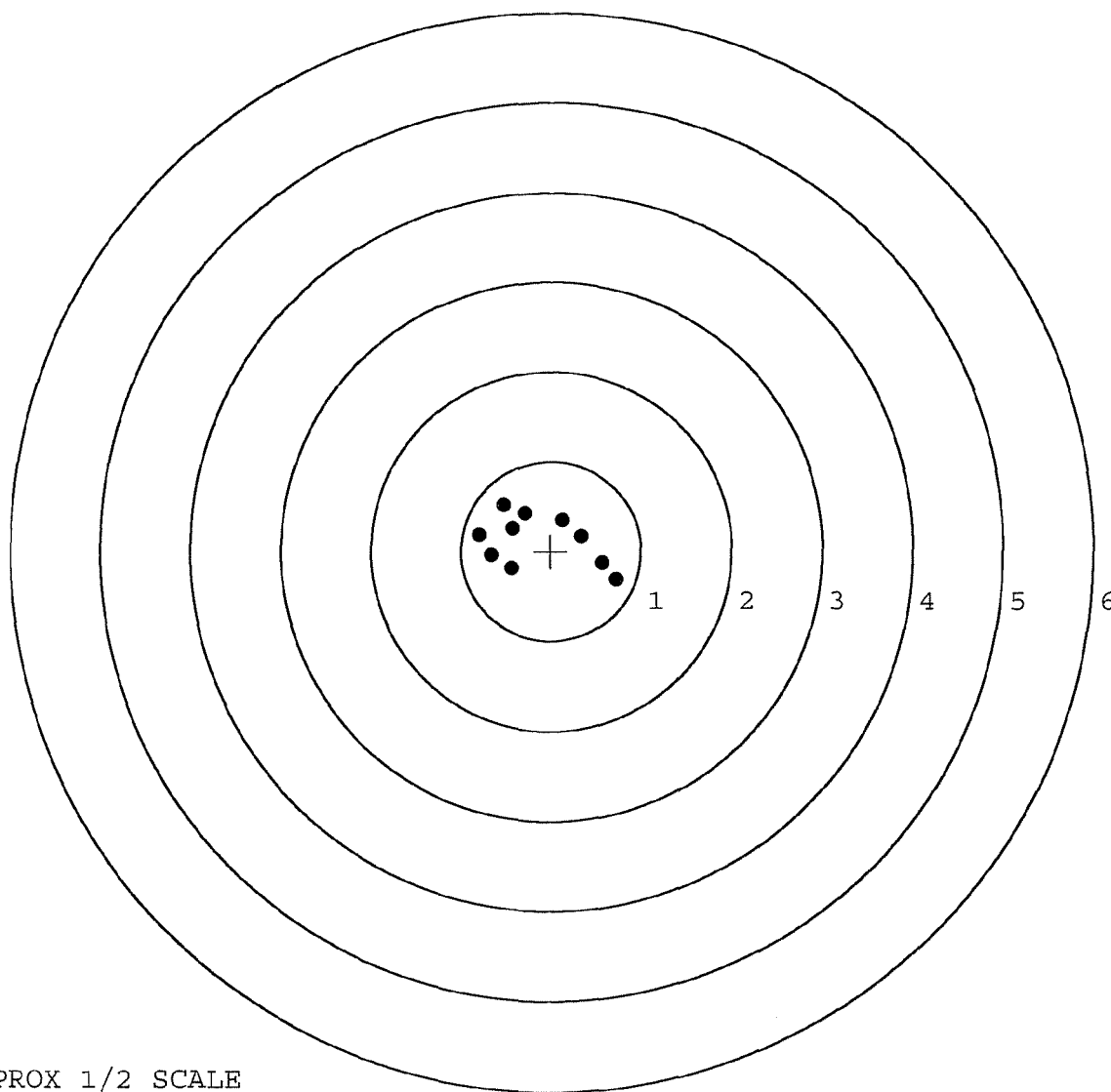
MAX RADIUS: 0.968

MEAN RADIUS: 0.542

# IN 1 IN DIAMETER: 5

# IN 2 IN DIAMETER: 10

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

**BARBER - M24 0090773**

SERIAL NUMBER: G6535302. \_\_1

TARGET NUMBER: 5

FILE DATE: 10/17/2006

FILE TIME: 13:48

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.517 | -0.152 |
| 2:     | -0.446 | -0.379 |
| 3:     | -0.242 | 0.359  |
| 4:     | -0.024 | 0.507  |
| 5:     | -0.012 | -0.482 |
| 6:     | 0.201  | -0.134 |
| 7:     | 0.415  | -0.431 |
| 8:     | 0.628  | -0.585 |
| 9:     | 0.651  | -0.799 |
| 10:    | 0.166  | -0.349 |

X CENTROID: 0.082

Y CENTROID: -0.244

POA TO CENTROID: 0.258

HORZ SPREAD: 1.168

VERT SPREAD: 1.306

GROUP SPREAD: 1.470

MIN RADIUS: 0.134

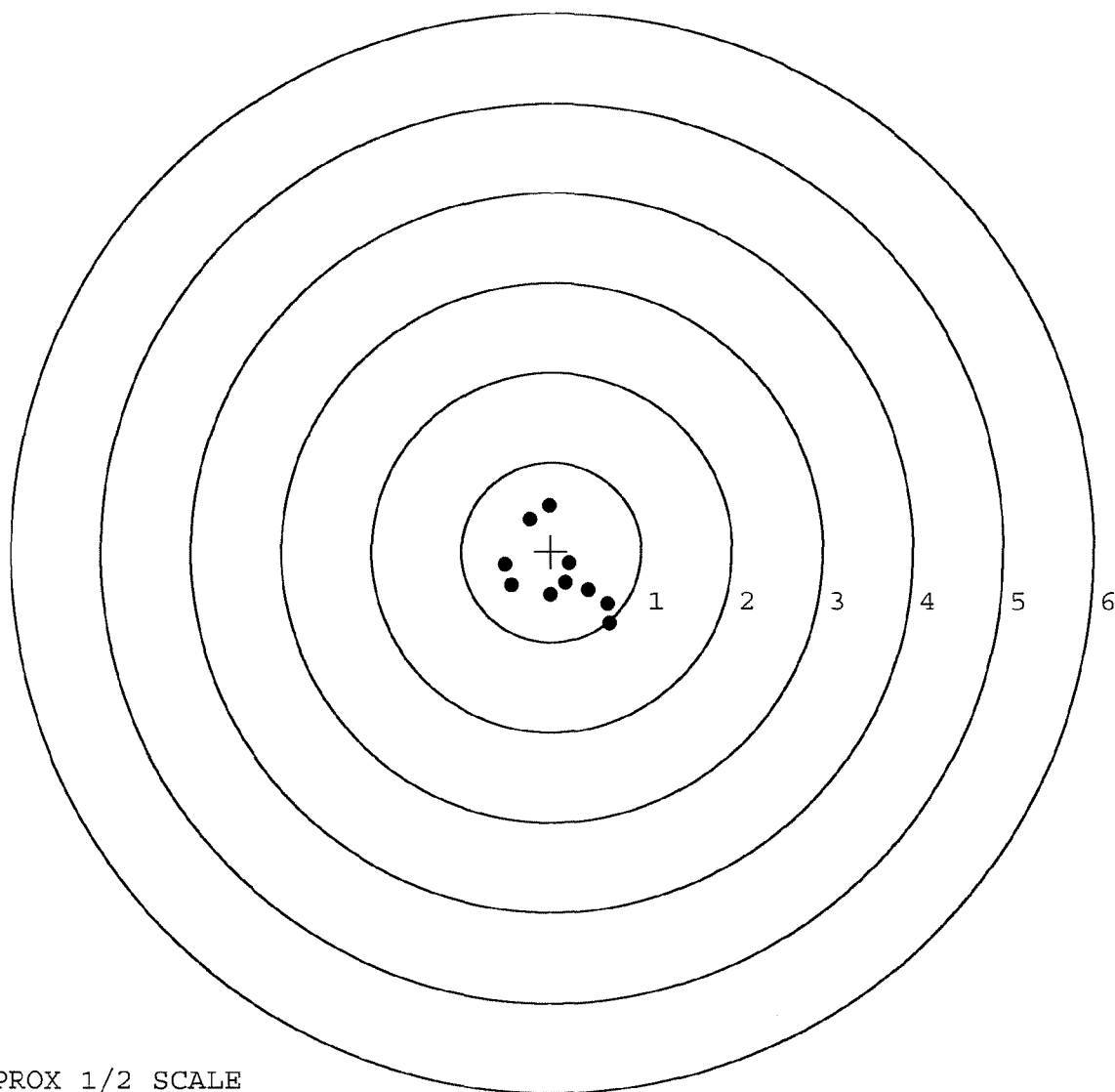
MAX RADIUS: 0.795

MEAN RADIUS: 0.497

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 10

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE