

G 653 5424

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



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SERIAL NO.



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

- INSTRUCTION BOOK 3518

DD FORM

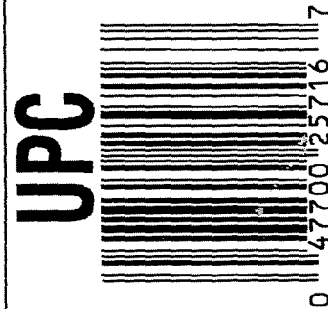


ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

**G6535424**



## INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G653 5424

| OP #         | OPERATION NAME                                                                                                                         | READINGS                          | DATE    | INITIAL |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|---------|---------|
| 420 &<br>430 | ASSEMBLE ACTION<br>ASSEMBLE TO STOCK                                                                                                   |                                   | 2-27-06 | RTZ     |
| 440          | PROOF                                                                                                                                  |                                   | 2/27/06 | MPD     |
| 460          | CHECK HEADSPACE                                                                                                                        |                                   | 2/27/06 | MPD     |
| 470          | DIS-ASSEMBLE ACTION                                                                                                                    |                                   | 2-28-06 | RTZ     |
| 480 &<br>490 | MAGNAFLUX BBL ACTION<br>MAGNAFLUX BOLT                                                                                                 | OD H<br>480<br>MAR 01 2006<br>CPD | 3-1-06  | APD     |
| 500          | ROLLMARK CALIBER                                                                                                                       |                                   | 3-1-06  | CW      |
| 510          | DRILL AND TAP<br>SIGHT HOLES                                                                                                           |                                   | 2-28-06 | TRW     |
| 520          | GOFF BLAST BBL / REC                                                                                                                   |                                   | 3-2-06  | LB      |
| 530 &<br>540 | APPLY COATINGS<br>(BARREL ACTION)                                                                                                      |                                   | 3/1     | MPD     |
|              | (BOLT)                                                                                                                                 |                                   |         |         |
| 560          | RE-ASSEMBLE ACTION                                                                                                                     |                                   |         |         |
|              | A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                                                                                                    |                                   | 3-21-06 | MPD     |
|              | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD                                                                         |                                   | 3-21-06 | MPD     |
|              | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                                                                                                 |                                   | 3-21-06 | MPD     |
|              | D) OIL FIRING PIN ASSEMBLY                                                                                                             |                                   | 3-21-06 | AC      |
|              | 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> |                                   | 3-10-06 | AC      |

REV-8405

| OP # OPERATION NAME |                                                                       |                                           | READINGS   |       |       | DATE    | INITIAL |         |   |
|---------------------|-----------------------------------------------------------------------|-------------------------------------------|------------|-------|-------|---------|---------|---------|---|
| 560                 | F) SAFETY ON FORCE                                                    | 2 LBS MIN<br>10 LBS MAX                   | 5.25       | 5.5   | 5.0   | 4-5-06  | TRW     |         |   |
| CONT.               |                                                                       |                                           |            |       |       |         |         |         |   |
|                     | G) SAFETY OFF FORCE                                                   | 2 LBS MIN                                 | 2.5        | 2.0   | 2.25  | 4-5-06  | TRW     |         |   |
|                     | H) TRIGGER PULL TEST<br>AND RETAINABILITY                             |                                           |            |       |       |         |         |         |   |
|                     | I) FIRING PIN INDENT                                                  | .020 MIN                                  | .0215      | .0215 | .0215 | 4-5-06  | TRW     |         |   |
|                     | J) ASSEMBLE STOCK                                                     |                                           |            |       |       | 3-21-06 | A       |         |   |
|                     | K) ASSEMBLE SWIVEL<br>STUDS                                           |                                           |            |       |       | 4-10-06 | A       |         |   |
|                     | L) ATTACH FRONT AND<br>REAR SIGHT ASSY'S                              |                                           |            |       |       | 3-21-06 | A       |         |   |
|                     | M) IRON SIGHT<br>ALIGNMENT                                            |                                           |            |       |       | 3-21-06 | A       |         |   |
|                     | N) DETACH FRONT AND<br>REAR SIGHTS AND PLACE<br>IN NUMBERED CONTAINER |                                           |            |       |       | 3-21-06 | A       |         |   |
| 640 &<br>650        | FUNCTION TEST AND<br>TARGET                                           |                                           | PASS       | FAIL  |       | 3-30-06 | MJM     |         |   |
|                     |                                                                       |                                           | PASS       | FAIL  |       |         |         |         |   |
|                     | MALFUNCTION                                                           |                                           | CORRECTION |       |       |         |         |         |   |
|                     | MALFUNCTION                                                           |                                           | CORRECTION |       |       |         |         |         |   |
|                     | MALFUNCTION                                                           |                                           | CORRECTION |       |       |         |         |         |   |
|                     | MALFUNCTION                                                           |                                           | CORRECTION |       |       |         |         |         |   |
| 660                 | INSPECT FOR LIVE AMMO                                                 |                                           |            |       |       | 3-30-06 | L.P.D.  |         |   |
| 670                 | FINAL INSPECTION<br>A) HEADSPACE                                      |                                           |            |       |       | 4-10-06 | A       |         |   |
|                     | B) TRIGGER PULL                                                       | +/- .5 LBS<br>MIN 2.50 LBS<br>MAX 4.0 LBS | 2.58       | 2.45  | 2.33  | 2.38    | 2.40    | 3-31-06 | A |
|                     | C) FUNCTION                                                           |                                           |            |       |       | 4-10-06 | A       |         |   |
| 690                 | PACK                                                                  |                                           |            |       |       | 4-11-06 | DA      |         |   |

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 3-14-06

TESTER R.P.

|         | 2.50 LBS<br>INITIAL | 2.50 LBS AFTER<br>50 CYCLES | FINAL TEST & TO RESET<br>2.50 LBS |      | COMMENTS |
|---------|---------------------|-----------------------------|-----------------------------------|------|----------|
| PULL #1 | 251                 | 248                         |                                   | 244  |          |
| PULL #2 | 246                 | 255                         |                                   | 240  |          |
| PULL #3 | 240                 | 251                         |                                   | 240  |          |
| PULL #4 | 244                 | 252                         |                                   | 246  |          |
| PULL #5 | 233                 | 250                         |                                   | 250  |          |
| TOTAL   | 1214                | 1256                        |                                   | 1220 |          |
| AVERAGE | 242                 | 251                         |                                   | 244  |          |

|         | 3.00 LBS<br>INITIAL | 3.00 LBS AFTER<br>20 CYCLES |  | COMMENTS |
|---------|---------------------|-----------------------------|--|----------|
| PULL #1 | 307                 | 299                         |  |          |
| PULL #2 | 308                 | 311                         |  |          |
| PULL #3 | 305                 | 306                         |  |          |
| PULL #4 | 312                 | 310                         |  |          |
| PULL #5 | 306                 | 308                         |  |          |
| TOTAL   | 1538                | 1534                        |  |          |
| AVERAGE | 307                 | 306                         |  |          |

|         | 4.00 LBS<br>INITIAL | 4.00 LBS AFTER<br>20 CYCLES | MAX SETTING GREATER<br>THAN 4 LBS | RESET TO 4 LBS FOR<br>TARGET & ACCURACY |
|---------|---------------------|-----------------------------|-----------------------------------|-----------------------------------------|
| PULL #1 | 4.09                | 4.11                        |                                   | 4.06                                    |
| PULL #2 | 4.14                | 4.06                        |                                   | 4.03                                    |
| PULL #3 | 4.11                | 4.01                        |                                   | 4.07                                    |
| PULL #4 | 4.10                | 4.01                        |                                   | 4.07                                    |
| PULL #5 | 4.09                | 4.01                        |                                   | 4.03                                    |
| TOTAL   | 20.53               | 20.20                       |                                   | 20.26                                   |
| AVERAGE | 4.10                | 4.04                        |                                   | 4.05                                    |

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6535424.\_\_\_0  
FILE DATE AND TIME: 03/30/2006 17:49

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.077 |
| The Average Y Centroid of the Five Target Set:              | 0.033  |
| The Average Point of Impact of the Five Target Set:         | 0.084  |
| The Average Mean Radius of the Five Target Set:             | 0.672  |
| The Distance from POA to Centroid Target #1:                | 0.100  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.154  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.206  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.306  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.311  |

SERIAL NUMBER: G6535424. 0

TARGET NUMBER: 1

FILE DATE: 03/30/2006

FILE TIME: 17:49

X CENTROID: 0.045

Y CENTROID: 0.089

POA TO CENTROID: 0.100

HORZ SPREAD: 1.863

VERT SPREAD: 1.372

GROUP SPREAD: 1.869

MIN RADIUS: 0.258

MAX RADIUS: 0.981

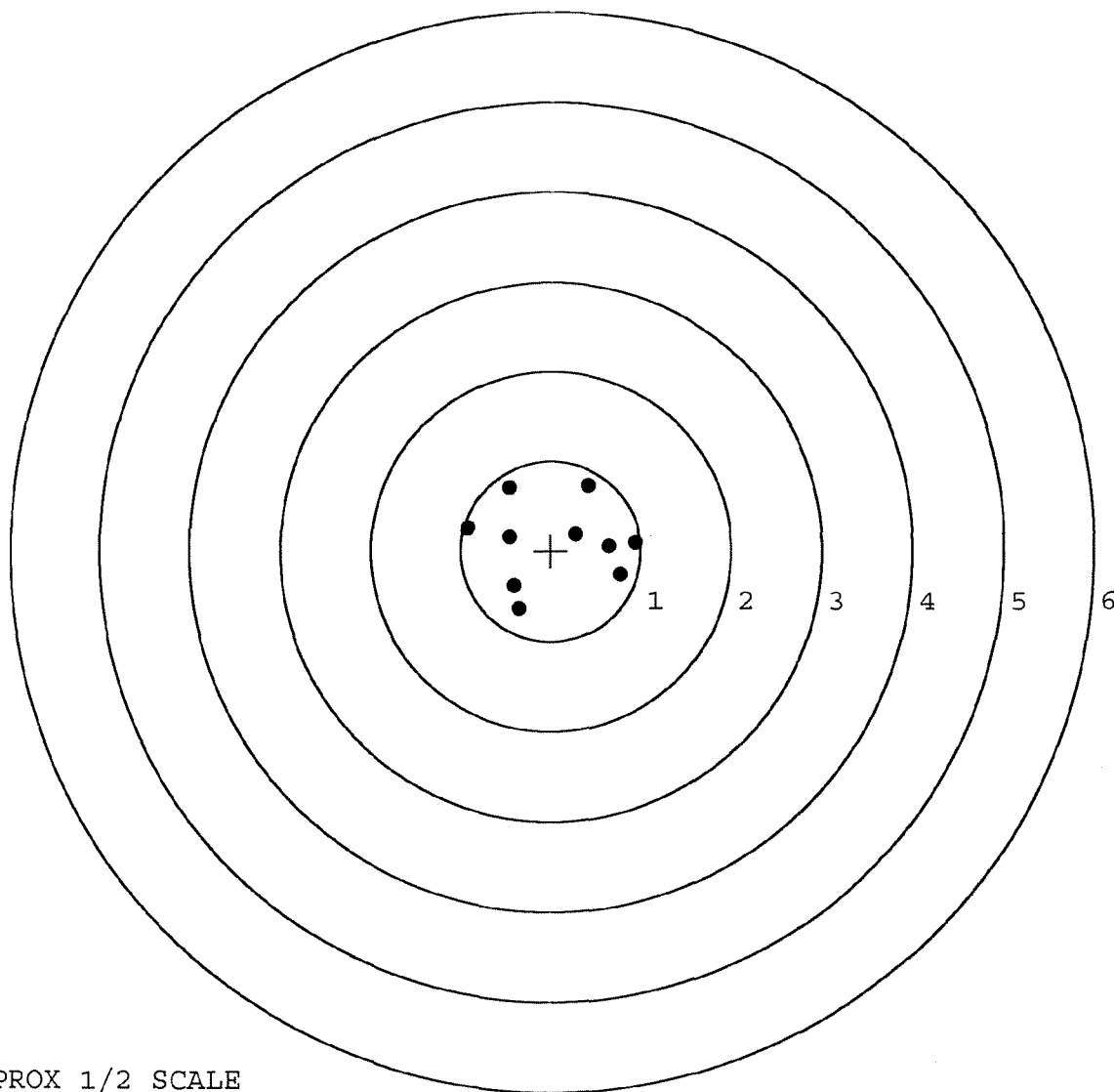
MEAN RADIUS: 0.709

# IN 1 IN DIAMETER: 1

# IN 2 IN DIAMETER: 10

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.357 | -0.642 |
| 2:     | -0.412 | -0.387 |
| 3:     | -0.456 | 0.159  |
| 4:     | -0.922 | 0.251  |
| 5:     | -0.464 | 0.702  |
| 6:     | 0.416  | 0.730  |
| 7:     | 0.285  | 0.185  |
| 8:     | 0.941  | 0.100  |
| 9:     | 0.647  | 0.057  |
| 10:    | 0.776  | -0.266 |



TARGET APPROX 1/2 SCALE



SERIAL NUMBER: G6535424. \_\_0

TARGET NUMBER: 2

FILE DATE: 03/30/2006

FILE TIME: 17:49

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.895  | -0.777 |
| 2:     | 0.367  | -0.614 |
| 3:     | 0.064  | -0.615 |
| 4:     | 0.002  | -0.173 |
| 5:     | 0.698  | -0.032 |
| 6:     | 0.364  | 0.184  |
| 7:     | 0.250  | 0.751  |
| 8:     | -0.756 | 0.729  |
| 9:     | -0.718 | -0.134 |
| 10:    | 0.346  | 0.456  |

X CENTROID: 0.151

Y CENTROID: -0.023

POA TO CENTROID: 0.153

HORZ SPREAD: 1.651

VERT SPREAD: 1.528

GROUP SPREAD: 2.235

MIN RADIUS: 0.212

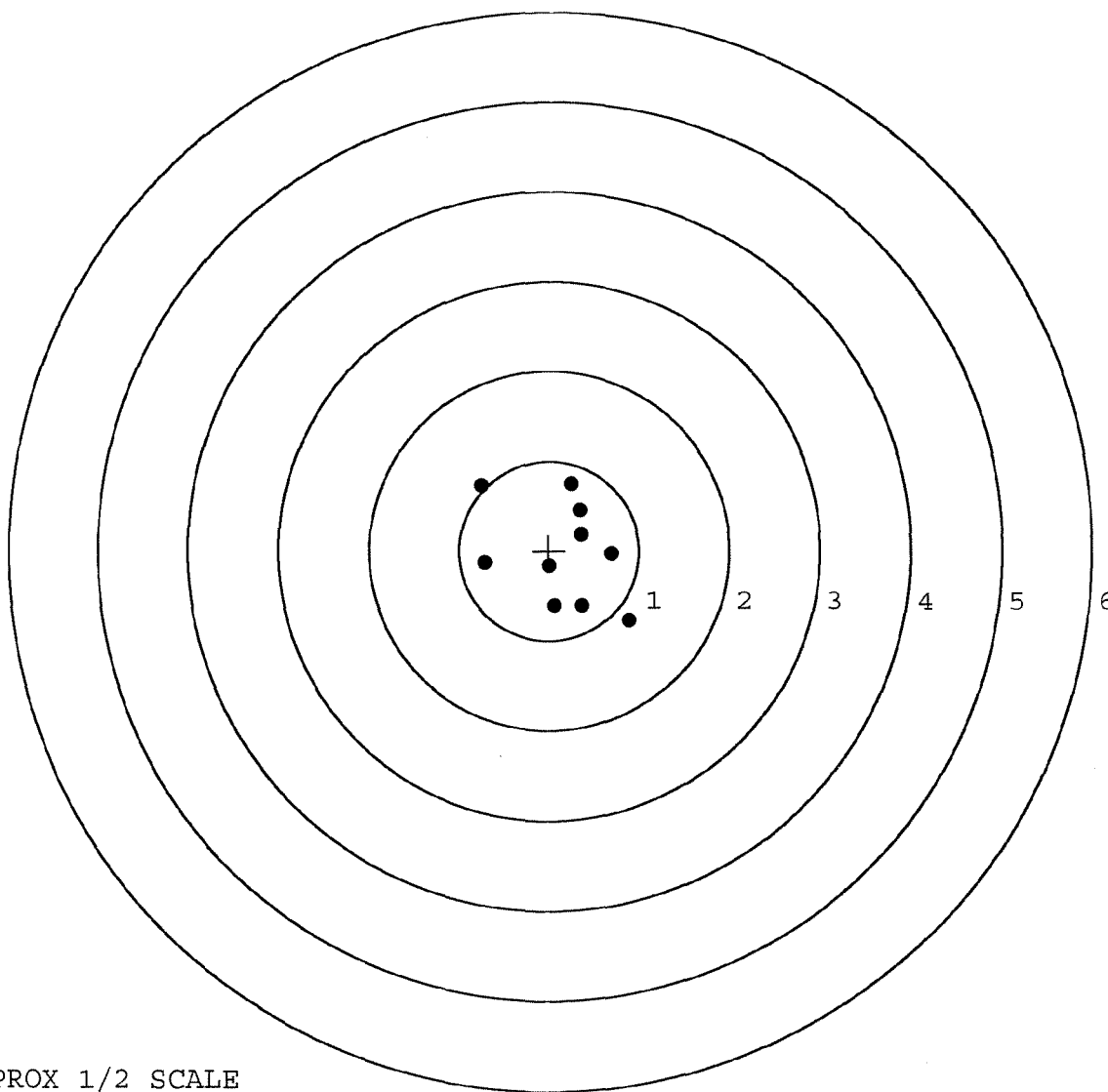
MAX RADIUS: 1.178

MEAN RADIUS: 0.669

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 10

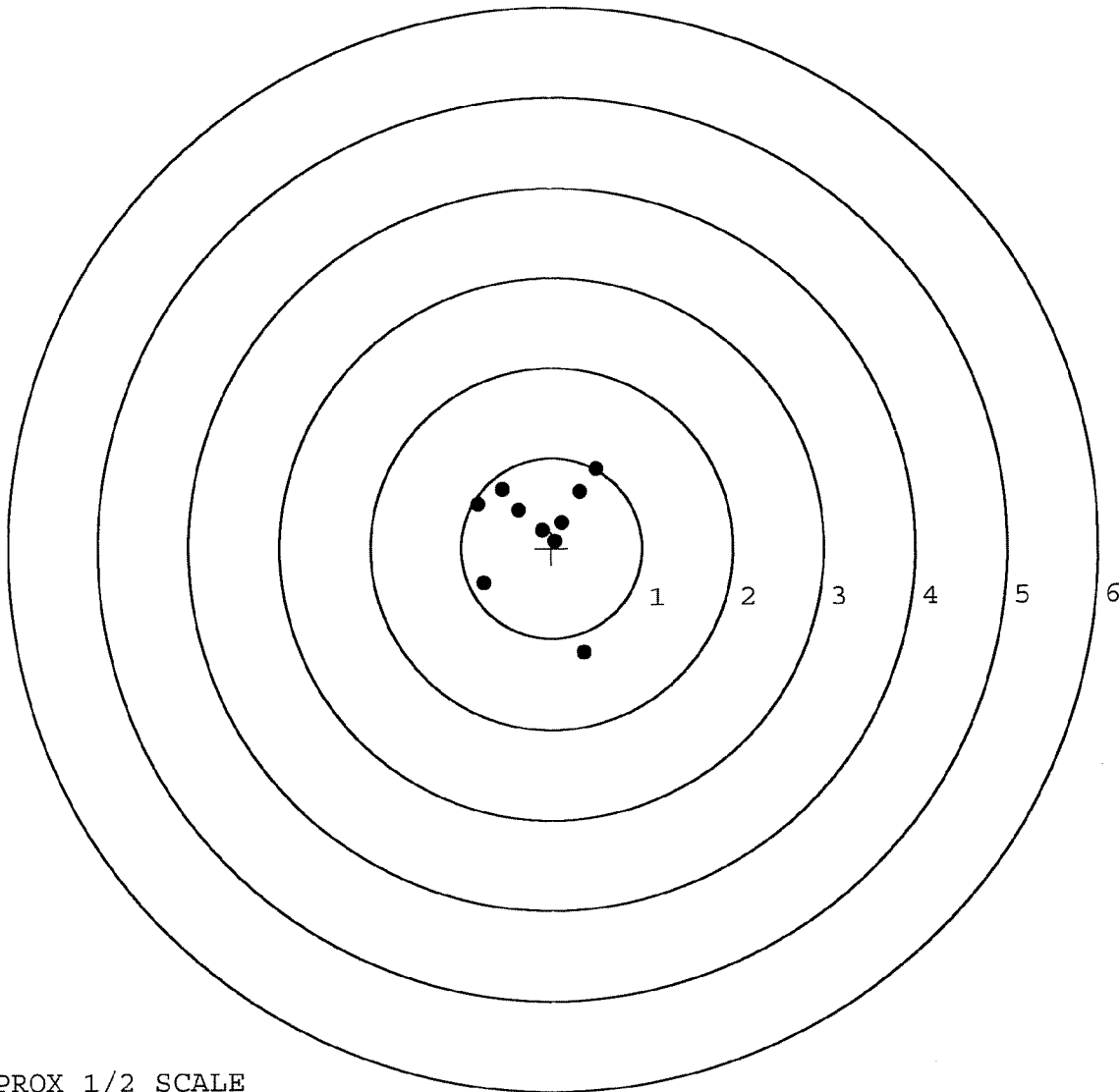


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535424. \_\_0  
 TARGET NUMBER: 3  
 FILE DATE: 03/30/2006  
 FILE TIME: 17:49

X CENTROID: -0.124  
 Y CENTROID: 0.205  
 POA TO CENTROID: 0.240  
 HORZ SPREAD: 1.304  
 VERT SPREAD: 2.039  
 GROUP SPREAD: 2.043  
 MIN RADIUS: 0.024  
 MAX RADIUS: 1.453  
 MEAN RADIUS: 0.599  
 # IN 1 IN DIAMETER: 4  
 # IN 2 IN DIAMETER: 9  
 # in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.809 | 0.489  |
| 2:     | -0.542 | 0.650  |
| 3:     | -0.363 | 0.420  |
| 4:     | -0.751 | -0.392 |
| 5:     | 0.360  | -1.165 |
| 6:     | 0.495  | 0.874  |
| 7:     | 0.319  | 0.624  |
| 8:     | 0.115  | 0.280  |
| 9:     | -0.103 | 0.195  |
| 10:    | 0.037  | 0.078  |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535424. \_\_ 0

TARGET NUMBER: 4

FILE DATE: 03/30/2006

FILE TIME: 17:49

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -1.000 | -0.450 |
| 2:     | -0.703 | -0.133 |
| 3:     | -0.467 | 0.132  |
| 4:     | -0.774 | 0.491  |
| 5:     | -0.369 | 0.748  |
| 6:     | 0.877  | 0.534  |
| 7:     | 0.767  | -0.129 |
| 8:     | -0.047 | -0.777 |
| 9:     | 0.088  | -1.200 |
| 10:    | -0.682 | 0.354  |

X CENTROID: -0.231

Y CENTROID: -0.043

POA TO CENTROID: 0.235

HORZ SPREAD: 1.877

VERT SPREAD: 1.948

GROUP SPREAD: 2.119

MIN RADIUS: 0.294

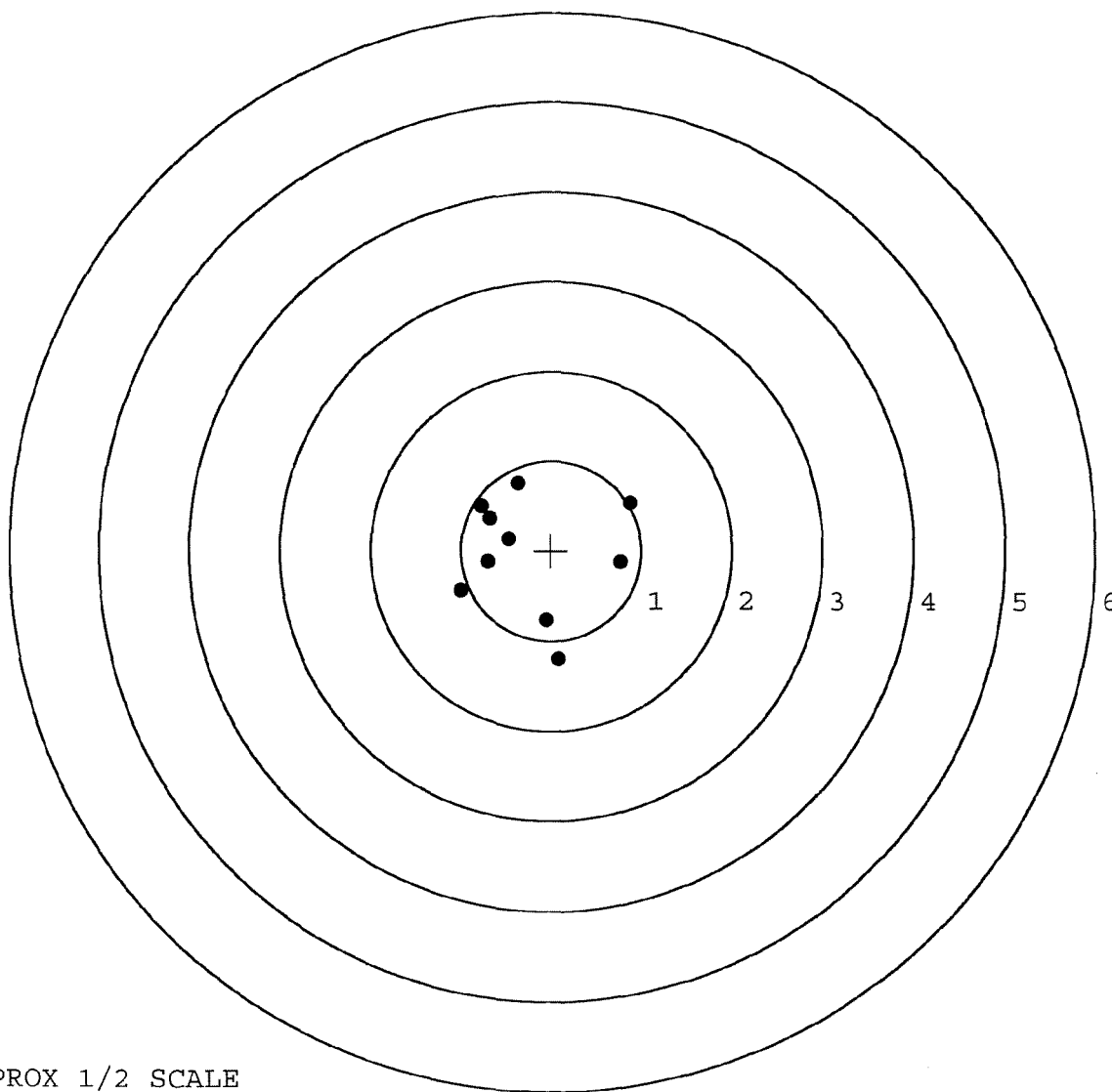
MAX RADIUS: 1.249

MEAN RADIUS: 0.802

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 7

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

**BARBER - M24 0092163**

SERIAL NUMBER: G6535424. 0

TARGET NUMBER: 5

FILE DATE: 03/30/2006

FILE TIME: 17:49

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.212 | -0.733 |
| 2:     | -0.535 | -0.569 |
| 3:     | 0.706  | 0.509  |
| 4:     | 0.320  | -0.074 |
| 5:     | 0.154  | -0.228 |
| 6:     | -0.166 | -0.321 |
| 7:     | -0.205 | -0.020 |
| 8:     | -0.589 | -0.004 |
| 9:     | -1.047 | 0.008  |
| 10:    | -0.686 | 0.810  |

X CENTROID: -0.226

Y CENTROID: -0.062

POA TO CENTROID: 0.234

HORZ SPREAD: 1.753

VERT SPREAD: 1.543

GROUP SPREAD: 1.823

MIN RADIUS: 0.047

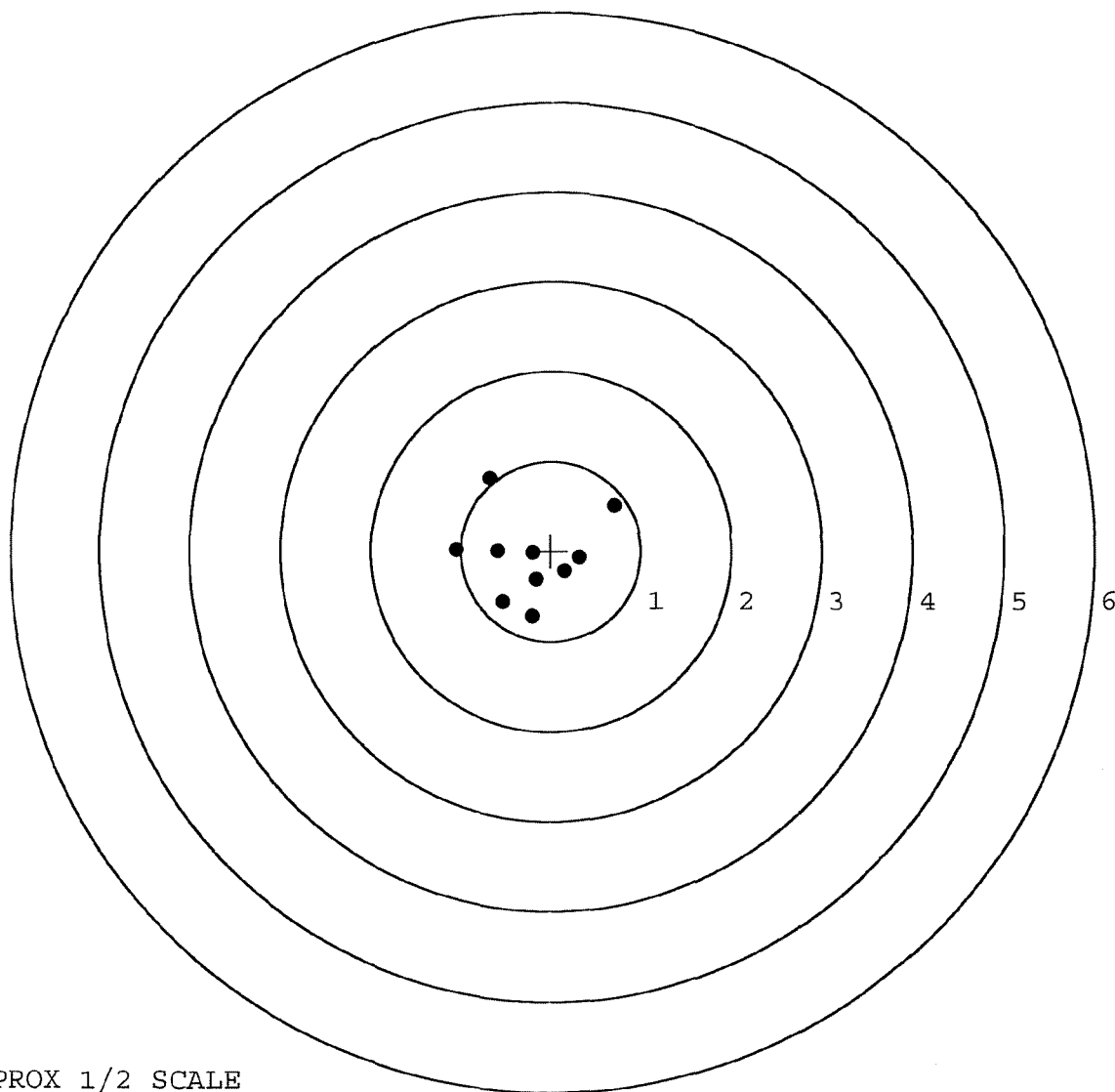
MAX RADIUS: 1.093

MEAN RADIUS: 0.581

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE