

G 646 1582

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

- INSTRUCTION BOOK 3518

DD FORM

proof of purchase



owner registration sticker



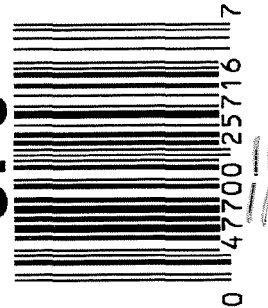
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

**G6461582**

**UPC**



~~ORDER~~ 25716

M/24 7.62 NATO S.W.S. (COMPLETE SYST

UPC



~~ORDER~~ 25716

M/24 7.62 NATO S.W.S. (COMPLETE SYST

UPC



SERIAL NO.



## INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G-6461582

| OP #         | OPERATION NAME                                                                                                                         | READINGS       | DATE     | INITIAL    |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------|----------------|----------|------------|
| 420 &<br>430 | ASSEMBLE ACTION<br>ASSEMBLE TO STOCK                                                                                                   |                | 10/14/05 | CD         |
| 440          | PROOF                                                                                                                                  |                | 10/14/05 | CD         |
| 460          | CHECK HEADSPACE                                                                                                                        |                | 10/14/05 | CD         |
| 470          | DIS-ASSEMBLE ACTION                                                                                                                    |                | 10/14/05 | CD         |
| 480 &<br>490 | MAGNAFLUX BBL ACTION<br>MAGNAFLUX BOLT                                                                                                 | 480 <i>uns</i> | 10/18/05 | <i>uns</i> |
| 500          | ROLLMARK CALIBER                                                                                                                       |                | 10/18/05 | CW         |
| 510          | DRILL AND TAP<br>SIGHT HOLES                                                                                                           |                | 10/17/05 | BR         |
| 520          | GOFF BLAST BBL / REC                                                                                                                   |                | 10-21-05 | LB         |
| 530 &<br>540 | APPLY COATINGS<br>(BARREL ACTION)                                                                                                      |                | 11/1/05  | HP         |
|              | (BOLT)                                                                                                                                 |                |          |            |
| 560          | RE-ASSEMBLE ACTION                                                                                                                     |                | 11/2/05  | MTM        |
|              | A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                                                                                                    |                |          |            |
|              | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD                                                                         |                | 11/2/05  | MTM        |
|              | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                                                                                                 |                | 11/2/05  | MTM        |
|              | D) OIL FIRING PIN ASSEMBLY                                                                                                             |                | 11-7-05  | RJR        |
|              | 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> |                |          |            |
| REV-8405     |                                                                                                                                        |                |          |            |

| OP # OPERATION NAME |                                                                       |                                           | READINGS             |      |                | DATE     | INITIAL |
|---------------------|-----------------------------------------------------------------------|-------------------------------------------|----------------------|------|----------------|----------|---------|
| 560                 | F) SAFETY ON FORCE                                                    | 2 LBS MIN<br>10 LBS MAX                   | 5 16                 | 5 16 | 5 16           | 11-16-05 | BC      |
| CONT.               |                                                                       |                                           |                      |      |                |          |         |
|                     | G) SAFETY OFF FORCE                                                   | 2 LBS MIN                                 | 2 16                 | 2 16 | 2 16           | 11-16-05 | BC      |
|                     | H) TRIGGER PULL TEST<br>AND RETAINABILITY                             |                                           |                      |      |                |          |         |
|                     | I) FIRING PIN INDENT                                                  | .020 MIN                                  | .022                 | .022 | .022           | 11-16-05 | BC      |
|                     | J) ASSEMBLE STOCK                                                     |                                           |                      |      |                | 11-7-05  | RJL     |
|                     | K) ASSEMBLE SWIVEL<br>STUDS                                           |                                           |                      |      |                | 11-16-05 | BC      |
|                     | L) ATTACH FRONT AND<br>REAR SIGHT ASSY'S                              |                                           |                      |      |                | 11-16-05 | BC      |
|                     | M) IRON SIGHT<br>ALIGNMENT                                            |                                           |                      |      |                | 11-16-05 | BC      |
|                     | N) DETACH FRONT AND<br>REAR SIGHTS AND PLACE<br>IN NUMBERED CONTAINER |                                           |                      |      |                | 11-16-05 | BC      |
| 640 &<br>650        | FUNCTION TEST AND<br>TARGET                                           |                                           | PASS                 | FAIL |                | 11/8/05  | mjh     |
|                     |                                                                       |                                           | PASS                 | FAIL |                |          |         |
|                     | MALFUNCTION                                                           |                                           | CORRECTION<br><br>NA |      |                |          |         |
|                     | MALFUNCTION                                                           |                                           |                      |      |                |          |         |
|                     | MALFUNCTION                                                           |                                           |                      |      |                |          |         |
|                     | MALFUNCTION                                                           |                                           |                      |      |                |          |         |
|                     | MALFUNCTION                                                           |                                           |                      |      |                |          |         |
| 660                 | INSPECT FOR LIVE AMMO                                                 |                                           |                      |      |                | 11/8/05  | mtm     |
| 670                 | FINAL INSPECTION<br>A) HEADSPACE                                      |                                           |                      |      |                | 11-16-05 | BC      |
|                     | B) TRIGGER PULL                                                       | +/- .5 LBS<br>MIN 2.50 LBS<br>MAX 4.0 LBS | 2.78                 | 2.83 | 2.52 2.98 2.74 | 11-9-05  | BC      |
|                     | C) FUNCTION                                                           |                                           |                      |      |                | 11-16-05 | BC      |
| 690                 | PACK                                                                  |                                           |                      |      |                | 11/30/05 | DA      |

## INITIAL &amp; 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

10-20-05

TESTER

S.F.

|         | 2.50 LBS<br>INITIAL | 2.50 LBS AFTER<br>50 CYCLES | FINAL TEST & TO RESET<br>2.50 LBS |       | COMMENTS |
|---------|---------------------|-----------------------------|-----------------------------------|-------|----------|
| PULL #1 | 2.53                | 2.49                        |                                   | 2.40  |          |
| PULL #2 | 2.59                | 2.45                        |                                   | 2.42  |          |
| PULL #3 | 2.53                | 2.42                        |                                   | 2.39  |          |
| PULL #4 | 2.61                | 2.49                        |                                   | 2.40  |          |
| PULL #5 | 2.47                | 2.46                        |                                   | 2.41  |          |
| TOTAL   | 12.75               | 12.31                       |                                   | 12.02 |          |
| AVERAGE | 2.55                | 2.46                        |                                   | 2.40  |          |

|         | 3.00 LBS<br>INITIAL | 3.00 LBS AFTER<br>20 CYCLES |  | COMMENTS |
|---------|---------------------|-----------------------------|--|----------|
| PULL #1 | 3.21                | 2.99                        |  |          |
| PULL #2 | 3.25                | 3.03                        |  |          |
| PULL #3 | 3.14                | 3.02                        |  |          |
| PULL #4 | 3.28                | 2.98                        |  |          |
| PULL #5 | 3.15                | 3.05                        |  |          |
| TOTAL   | 16.05               | 15.07                       |  |          |
| AVERAGE | 3.21                | 3.01                        |  |          |

|         | 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 | 4.08                | 4.17                        |                                   | 4.10                                    |
| PULL #2 | 4.13                | 4.14                        |                                   | 4.18                                    |
| PULL #3 | 4.08                | 4.04                        |                                   | 4.16                                    |
| PULL #4 | 4.07                | 4.16                        |                                   | 4.10                                    |
| PULL #5 | 4.15                | 4.15                        |                                   | 4.11                                    |
| TOTAL   | 20.51               | 20.66                       |                                   | 20.65                                   |
| AVERAGE | 4.10                | 4.13                        |                                   | 4.13                                    |

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6461582. \_\_0

FILE DATE AND TIME: 11/08/2005 19:23

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |       |
|-------------------------------------------------------------|-------|
| The Average X Centroid of the Five Target Set:              | 0.010 |
| The Average Y Centroid of the Five Target Set:              | 0.055 |
| The Average Point of Impact of the Five Target Set:         | 0.056 |
| The Average Mean Radius of the Five Target Set:             | 0.830 |
| The Distance from POA to Centroid Target #1:                | 0.221 |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.401 |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.269 |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.542 |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.246 |

**BARBER - M24 0153308**

SERIAL NUMBER: G6461582. 0

TARGET NUMBER: 1

FILE DATE: 11/08/2005

FILE TIME: 19:23

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.884  | 0.584  |
| 2:     | 0.784  | 0.421  |
| 3:     | 0.720  | 0.246  |
| 4:     | 0.348  | -0.117 |
| 5:     | -0.264 | -0.416 |
| 6:     | -0.093 | -0.585 |
| 7:     | -1.044 | -0.642 |
| 8:     | -0.856 | 0.116  |
| 9:     | -0.474 | 0.806  |
| 10:    | -2.092 | -1.125 |

X CENTROID: -0.209

Y CENTROID: -0.071

POA TO CENTROID: 0.221

HORZ SPREAD: 2.976

VERT SPREAD: 1.931

GROUP SPREAD: 3.432

MIN RADIUS: 0.349

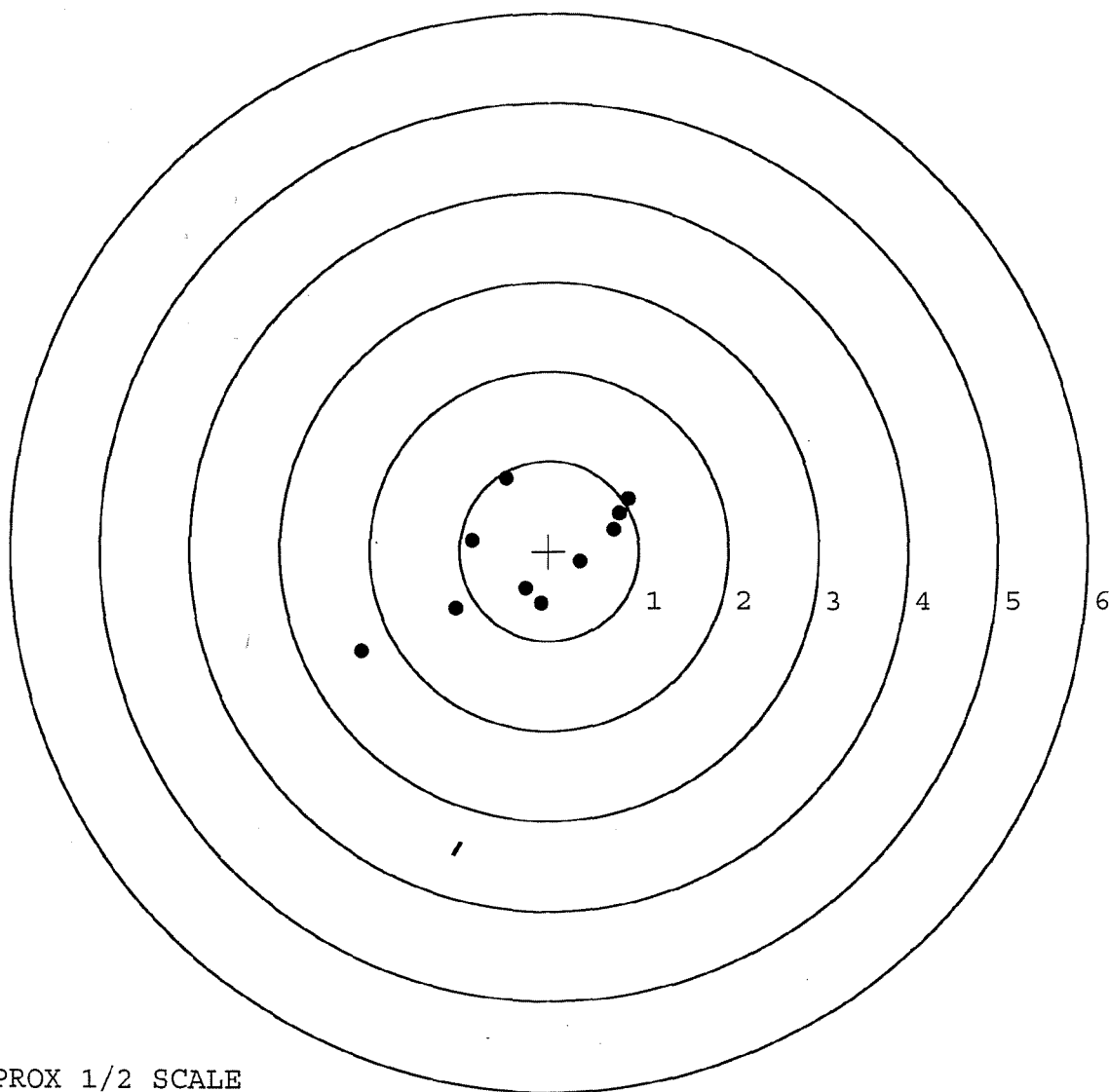
MAX RADIUS: 2.158

MEAN RADIUS: 0.956

# IN 1 IN DIAMETER: 1

# IN 2 IN DIAMETER: 6

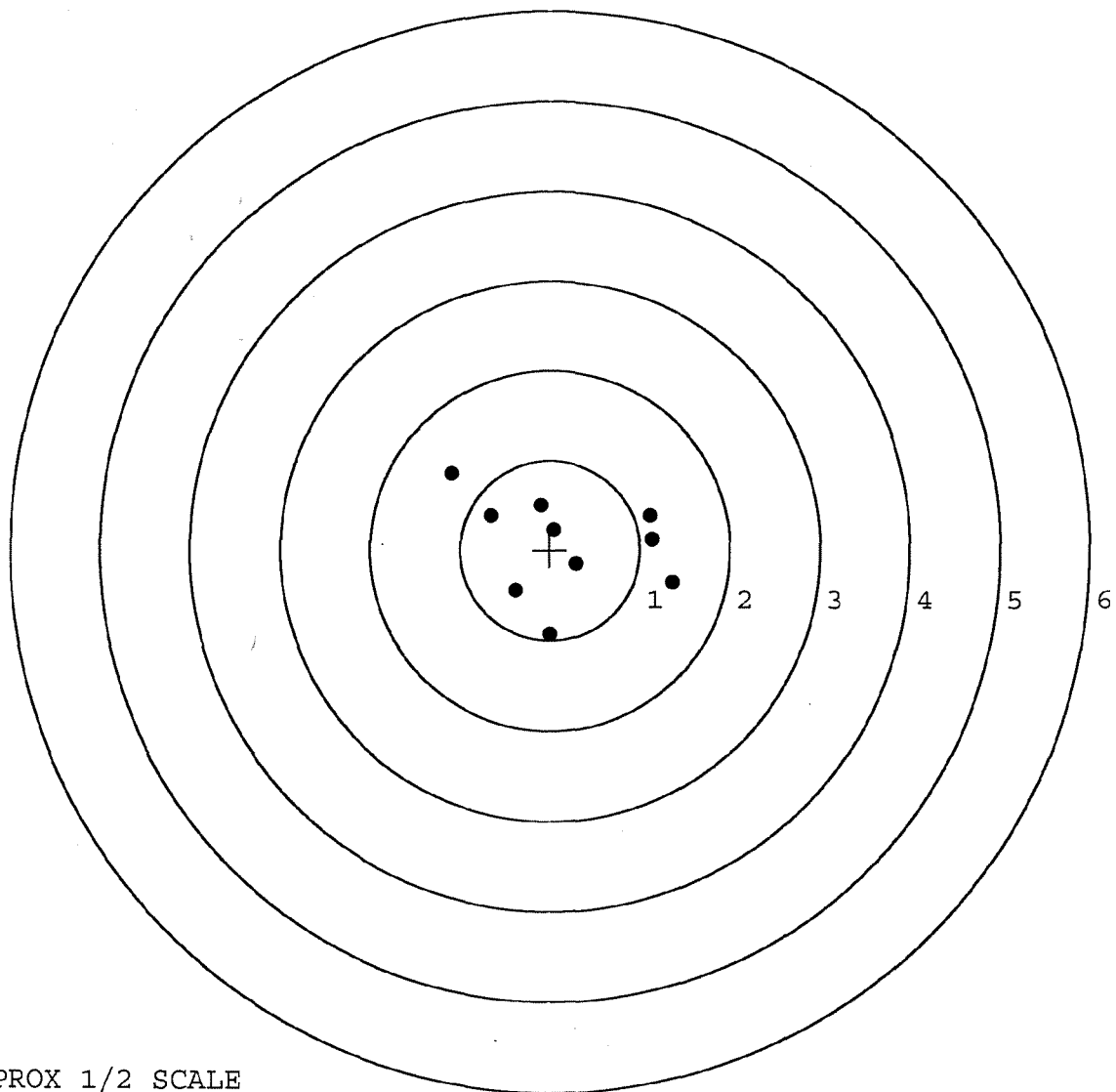
# in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

**BARBER - M24 0153309**

|                            |        |        |        |
|----------------------------|--------|--------|--------|
| SERIAL NUMBER: G6461582. 0 | POINT# | X      | Y      |
| TARGET NUMBER: 2           | 1:     | 0.052  | 0.221  |
| FILE DATE: 11/08/2005      | 2:     | 0.297  | -0.150 |
| FILE TIME: 19:23           | 3:     | -0.101 | 0.497  |
|                            | 4:     | -0.665 | 0.383  |
| X CENTROID: 0.171          | 5:     | -1.095 | 0.850  |
| Y CENTROID: 0.055          | 6:     | -0.386 | -0.452 |
| POA TO CENTROID: 0.180     | 7:     | 0.006  | -0.944 |
| HORZ SPREAD: 2.458         | 8:     | 1.111  | 0.382  |
| VERT SPREAD: 1.794         | 9:     | 1.133  | 0.124  |
| GROUP SPREAD: 2.741        | 10:    | 1.363  | -0.363 |
| MIN RADIUS: 0.205          |        |        |        |
| MAX RADIUS: 1.495          |        |        |        |
| MEAN RADIUS: 0.835         |        |        |        |
| # IN 1 IN DIAMETER: 2      |        |        |        |
| # IN 2 IN DIAMETER: 7      |        |        |        |
| # in 3 IN DIAMETER: 10     |        |        |        |



TARGET APPROX 1/2 SCALE

**BARBER - M24 0153310**

SERIAL NUMBER: G6461582. \_\_0

TARGET NUMBER: 3

FILE DATE: 11/08/2005

FILE TIME: 19:23

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.099  | 0.404  |
| 2:     | 0.264  | 0.829  |
| 3:     | 0.004  | 0.811  |
| 4:     | -0.257 | 0.151  |
| 5:     | -0.412 | 0.161  |
| 6:     | -0.856 | -0.188 |
| 7:     | 0.809  | 0.168  |
| 8:     | -0.081 | -0.915 |
| 9:     | -0.414 | -0.804 |
| 10:    | -0.789 | 1.318  |

X CENTROID: -0.163

Y CENTROID: 0.194

POA TO CENTROID: 0.253

HORZ SPREAD: 1.665

VERT SPREAD: 2.233

GROUP SPREAD: 2.343

MIN RADIUS: 0.103

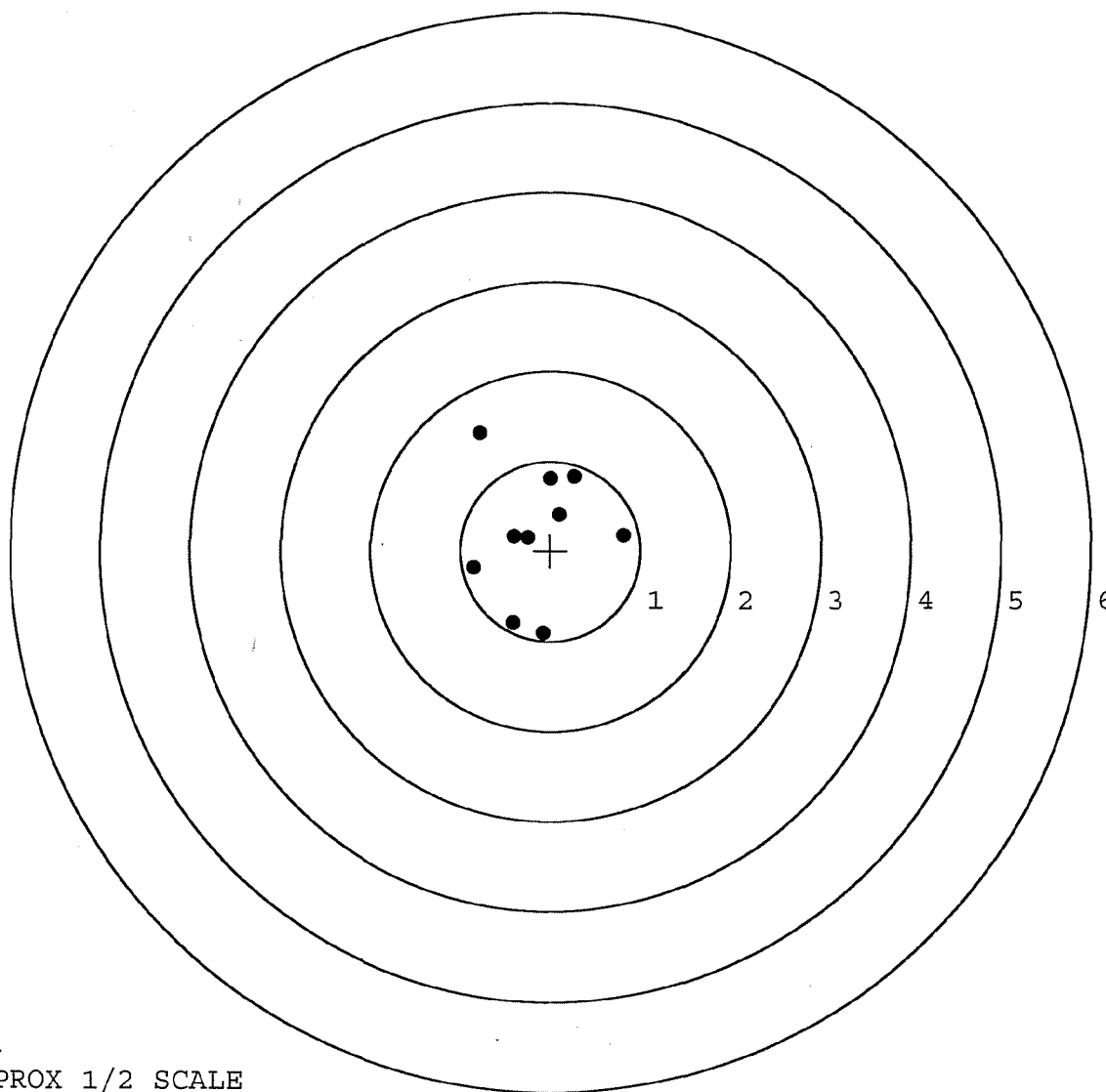
MAX RADIUS: 1.287

MEAN RADIUS: 0.729

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 7

# in 3 IN DIAMETER: 10



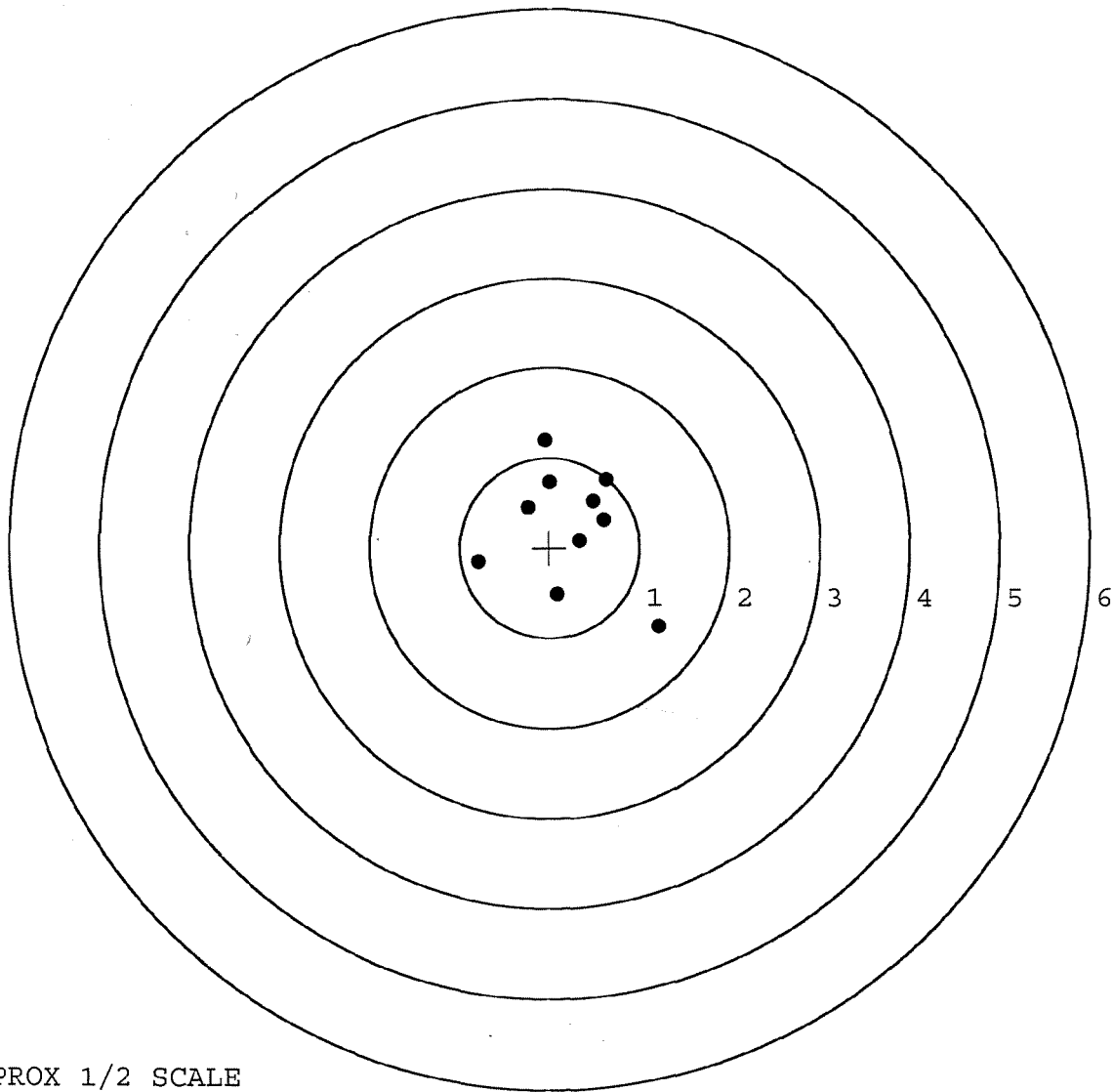
TARGET APPROX 1/2 SCALE

**BARBER - M24 0153311**

SERIAL NUMBER: G6461582. 0  
 TARGET NUMBER: 4  
 FILE DATE: 11/08/2005  
 FILE TIME: 19:23

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.340  | 0.081  |
| 2:     | 0.602  | 0.318  |
| 3:     | 0.483  | 0.523  |
| 4:     | 0.632  | 0.765  |
| 5:     | 0.000  | 0.732  |
| 6:     | -0.241 | 0.450  |
| 7:     | -0.051 | 1.190  |
| 8:     | -0.790 | -0.159 |
| 9:     | 0.092  | -0.526 |
| 10:    | 1.209  | -0.878 |

X CENTROID: 0.228  
 Y CENTROID: 0.250  
 POA TO CENTROID: 0.338  
 HORZ SPREAD: 1.999  
 VERT SPREAD: 2.068  
 GROUP SPREAD: 2.422  
 MIN RADIUS: 0.203  
 MAX RADIUS: 1.495  
 MEAN RADIUS: 0.702  
 # IN 1 IN DIAMETER: 3  
 # IN 2 IN DIAMETER: 8  
 # in 3 IN DIAMETER: 10



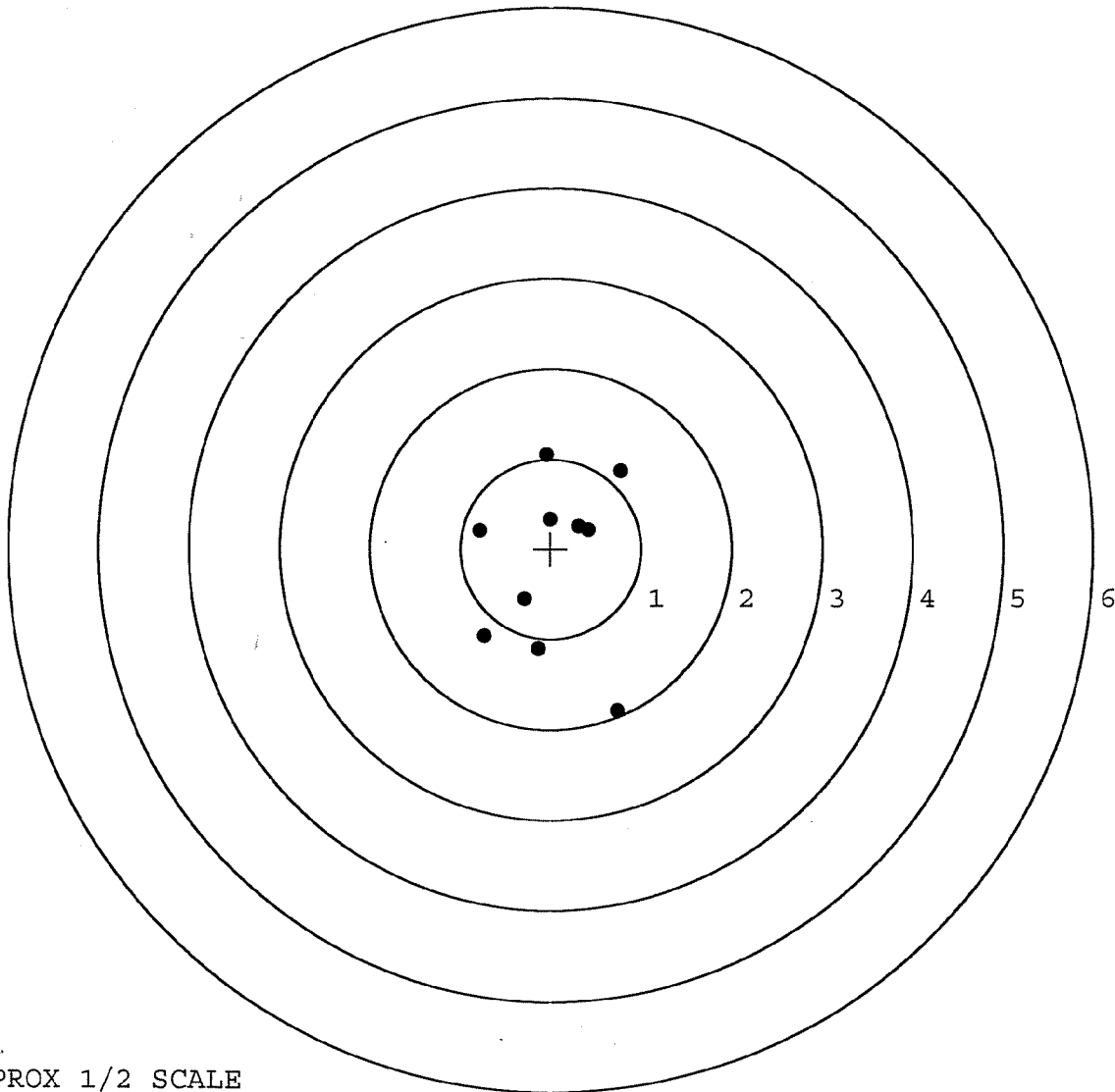
TARGET APPROX 1/2 SCALE

**BARBER - M24 0153312**

SERIAL NUMBER: G6461582. \_\_0  
 TARGET NUMBER: 5  
 FILE DATE: 11/08/2005  
 FILE TIME: 19:23

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.012 | 0.331  |
| 2:     | 0.308  | 0.253  |
| 3:     | 0.414  | 0.211  |
| 4:     | 0.780  | 0.869  |
| 5:     | -0.049 | 1.053  |
| 6:     | -0.790 | 0.204  |
| 7:     | -0.293 | -0.566 |
| 8:     | -0.735 | -0.979 |
| 9:     | -0.138 | -1.119 |
| 10:    | 0.746  | -1.794 |

X CENTROID: 0.023  
 Y CENTROID: -0.154  
 POA TO CENTROID: 0.155  
 HORZ SPREAD: 1.570  
 VERT SPREAD: 2.847  
 GROUP SPREAD: 2.956  
 MIN RADIUS: 0.486  
 MAX RADIUS: 1.793  
 MEAN RADIUS: 0.930  
 # IN 1 IN DIAMETER: 2  
 # IN 2 IN DIAMETER: 6  
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE