

E679 0241

**VERY IMPORTANT:**  
Instruction Book  
enclosed to assure  
safe use of this  
firearm.

**Remington®**

**MODEL 700™ M24**  
**BOLT ACTION CENTERFIRE RIFLE**  
**24" BARREL 7.62 NATO**

Made in Illinois, NY Reg. U.S. Pat. & Tm. Off. Marca Registrada. Marque Déposée.

SERIAL NO. **E6790241**

ORDER NO. **25705**

**46**

**10PW**



**5705 E6790241**

**ORDER 25705**

MODEL 700™ M24

**UPC**



**ORDER 25705**

MODEL 700™ M24

**UPC**



SERIAL NO.



**MODEL 700™ M24**  
**BOLT ACTION CENTERFIRE RIFLE**  
**24" BARREL 7.62 NATO**

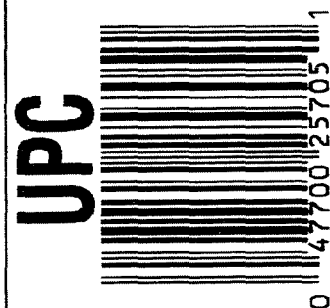
GREEN ENVELOPE CONTAINS:  
 - INSTRUCTION BOOK  
 - PRODUCT OWNER'S CARD  
 - SAFETY BOOKLET

46 FORM



|               |              |
|---------------|--------------|
| ORDER NO.     | <b>25705</b> |
| BARREL LENGTH | 24"          |
| CAPACITY      | 6            |

**E6790241**



CONTRACT #  
DAAE20-01-P-0489  
170 RIFLES

GUN SERIAL # E60790241

| OP #         | OPERATION NAME                                                                                                                         | READINGS | DATE       | INITIAL |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------|----------|------------|---------|
| 575 &<br>580 | ASSEMBLE ACTION<br>AND STOCK                                                                                                           |          | 2-1-02     | RH      |
| 600          | PROOF                                                                                                                                  |          | 2-1-02     | AC      |
| 607          | CHECK HEADSPACE                                                                                                                        |          | 2-1-02     | AC      |
| 610          | DIS-ASSEMBLE GUN                                                                                                                       |          | 2-1-02     | RH      |
| 612          | MAGNAFLUX BBL ACTION<br>MAGNAFLUX BOLT                                                                                                 |          | FEB 9 2002 | AC      |
| 615          | ROLLMARK CALIBER                                                                                                                       |          | 2-9-02     | Wm      |
| 617          | DRILL AND TAP<br>SIGHT HOLES                                                                                                           |          | 2-12-02    | AC      |
| 620          | APPLY COATINGS<br>(BARREL ACTION)                                                                                                      |          | 2-20       | TA      |
|              | (BOLT)                                                                                                                                 |          | 2-20       | TA      |
| 625          | FINAL ASSEMBLY<br>A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                                                                                  |          | 2/25/02    | DK      |
|              | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD                                                                         |          | 2/25/02    | DK      |
|              | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                                                                                                 |          | 2/25/02    | DK      |
|              | D) OIL FIRING PIN ASSEMBLY                                                                                                             |          | 2/25/02    | DK      |
|              | 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> |          | 4-11-02    | RL      |

| OP #  | OPERATION NAME                                                           | READINGS                                                    | DATE    | INITIAL |
|-------|--------------------------------------------------------------------------|-------------------------------------------------------------|---------|---------|
| 625   | F) SAFETY ON FORCE <span>2 LBS MIN<br/>10 LBS MAX</span>                 | <u>5.5</u> <u>5.2</u> <u>5.5</u>                            | 4/19/02 | OA      |
| CONT. | G) SAFETY OFF FORCE <span>2 LBS MIN</span>                               | <u>4.0</u> <u>4.0</u> <u>3.5</u>                            | 4/19/02 | OA      |
|       | H) TRIGGER PULL TEST<br>AND RETAINABILITY                                |                                                             | 4/19/02 | RL      |
|       | I) FIRING PIN INDENT <span>.020 MIN</span>                               | <u>.023</u> <u>.022</u> <u>.022</u>                         | 4/19/02 | OA      |
|       | J) ASSEMBLE STOCK                                                        |                                                             | 2-28-02 | RL      |
|       | K) ASSEMBLE SWIVEL<br>STUDS                                              |                                                             | 5/14/02 | RL      |
|       | L) ATTACH FRONT AND<br>REAR SIGHT ASSY'S                                 |                                                             | 5/14/02 | RL      |
|       | M) IRON SIGHT<br>ALIGNMENT                                               |                                                             | 5/14/02 | RL      |
|       | N) DETACH FRONT AND<br>REAR SIGHTS AND PLACE<br>IN NUMBERED CONTAINER    |                                                             | 5/14/02 | RL      |
| 640   | GALLERY TEST AND<br>TARGET                                               | PASS FAIL                                                   | 3-21-02 | TRW     |
|       | MALFUNCTION <u>HBL</u>                                                   | <u>CORRECTION</u> <u>OK AC</u>                              |         | TRW     |
|       | MALFUNCTION                                                              | CORRECTION                                                  |         | TRW     |
|       | MALFUNCTION                                                              | CORRECTION                                                  |         | TRW     |
|       | MALFUNCTION                                                              | CORRECTION                                                  |         | TRW     |
| 645   | INSPECT FOR LIVE AMMO                                                    |                                                             | 3-21-02 | TRW     |
| 655   | FINAL INSPECTION<br>A) HEADSPACE                                         |                                                             | 5/14/02 | RL      |
|       | B) TRIGGER PULL <span>+/- .5 LBS<br/>MIN 2.50 LBS<br/>MAX 4.0 LBS</span> | <u>2.36</u> <u>2.34</u> <u>2.43</u> <u>2.36</u> <u>2.41</u> | 5/6/02  | OA      |
|       | C) FUNCTION                                                              |                                                             | 5/14/02 | RL      |
| 660   | PACK                                                                     |                                                             | 6/3/02  | OA      |

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. E6790241DATE 2/11/02TESTER D. N.

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |       | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|-------|------------------------------------------------------------------------|
| PULL #1 | 2.44             | 2.58                     |                                | 2.65  | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.89             | 2.60                     |                                | 2.67  |                                                                        |
| PULL #3 | 2.47             | 2.60                     |                                | 2.59  |                                                                        |
| PULL #4 | 2.63             | 2.39                     |                                | 2.55  |                                                                        |
| PULL #5 | 2.10             | 2.65                     |                                | 2.57  |                                                                        |
| TOTAL   | 12.53            | 12.82                    |                                | 13.03 |                                                                        |
| AVG.    | 2.51             | 2.56                     |                                | 2.61  |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.47             | 3.26                     |  |          |
| PULL #2 | 3.46             | 3.08                     |  |          |
| PULL #3 | 3.37             | 3.11                     |  |          |
| PULL #4 | 3.47             | 3.04                     |  |          |
| PULL #5 | 3.30             | 3.12                     |  |          |
| TOTAL   | 17.07            | 15.61                    |  |          |
| AVG.    | 3.41             | 2.12                     |  |          |

|         | 4.00#<br>INITIAL | 4.00# AFTER<br>20 CYCLES | MAX SETTING<br>GREATER THAN 4# | RESET TO 4# FOR<br>TARGET & ACCURAC |
|---------|------------------|--------------------------|--------------------------------|-------------------------------------|
| PULL #1 | 4.12             | 4.40                     |                                | 4.43                                |
| PULL #2 | 4.34             | 4.09                     |                                | 4.24                                |
| PULL #3 | 4.27             | 4.13                     |                                | 4.31                                |
| PULL #4 | 4.15             | 4.18                     |                                | 4.68                                |
| PULL #5 | 4.43             | 4.22                     |                                | 4.18                                |
| TOTAL   | 21.31            | 21.02                    |                                | 21.84                               |
| AVG.    | 4.26             | 4.20                     |                                | 4.37                                |

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: E6790241.\_\_\_0

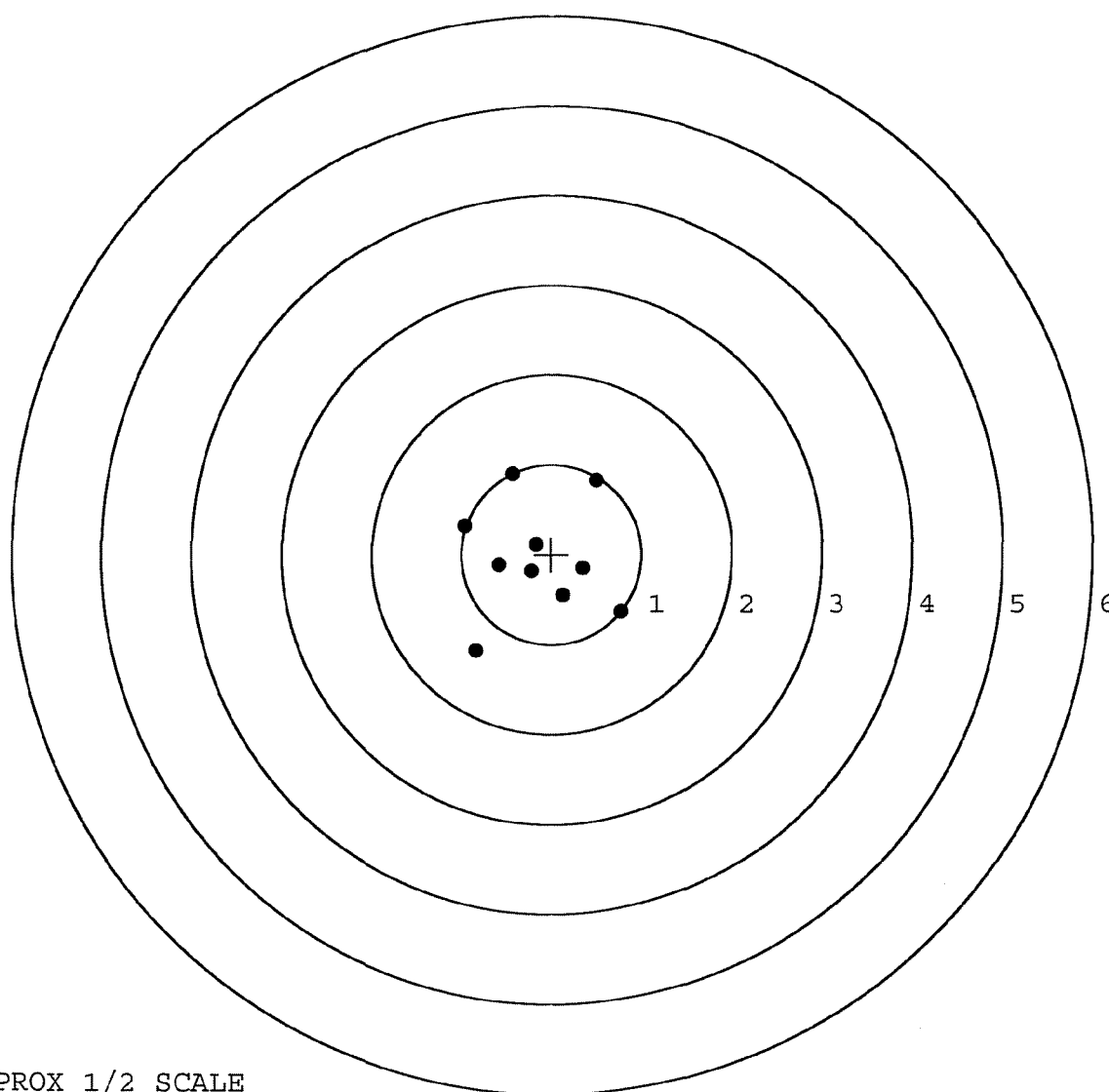
FILE DATE AND TIME: 03/21/2002 02:36

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.045 |
| The Average Y Centroid of the Five Target Set:              | -0.107 |
| The Average Point of Impact of the Five Target Set:         | 0.116  |
| The Average Mean Radius of the Five Target Set:             | 0.653  |
| The Distance from POA to Centroid Target #1:                | 0.152  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.186  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.167  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.189  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.083  |

**BARBER - M24 0117218**

|                              |        |        |        |
|------------------------------|--------|--------|--------|
| SERIAL NUMBER: E6790241. __0 | POINT# | X      | Y      |
| TARGET NUMBER: 1             | 1:     | 0.778  | -0.642 |
| FILE DATE: 03/21/2002        | 2:     | 0.129  | -0.460 |
| FILE TIME: 02:36             | 3:     | 0.351  | -0.157 |
|                              | 4:     | 0.503  | 0.820  |
| X CENTROID: -0.144           | 5:     | -0.427 | 0.897  |
| Y CENTROID: -0.048           | 6:     | -0.961 | 0.321  |
| POA TO CENTROID: 0.152       | 7:     | -0.840 | -1.067 |
| HORZ SPREAD: 1.739           | 8:     | -0.581 | -0.115 |
| VERT SPREAD: 1.964           | 9:     | -0.223 | -0.188 |
| GROUP SPREAD: 2.316          | 10:    | -0.173 | 0.109  |
| MIN RADIUS: 0.160            |        |        |        |
| MAX RADIUS: 1.234            |        |        |        |
| MEAN RADIUS: 0.706           |        |        |        |
| # IN 1 IN DIAMETER: 4        |        |        |        |
| # IN 2 IN DIAMETER: 7        |        |        |        |
| # in 3 IN DIAMETER: 10       |        |        |        |



TARGET APPROX 1/2 SCALE

**BARBER - M24 0117219**

SERIAL NUMBER: E6790241. \_\_0

TARGET NUMBER: 2

FILE DATE: 03/21/2002

FILE TIME: 02:36

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.526  | -0.697 |
| 2:     | 0.443  | -0.476 |
| 3:     | 0.087  | -0.850 |
| 4:     | -0.703 | -0.969 |
| 5:     | 0.186  | 0.917  |
| 6:     | -0.525 | 0.163  |
| 7:     | -0.136 | 0.168  |
| 8:     | 0.017  | 0.051  |
| 9:     | -0.429 | -0.294 |
| 10:    | -0.088 | -0.159 |

X CENTROID: -0.062

Y CENTROID: -0.215

POA TO CENTROID: 0.223

HORZ SPREAD: 1.229

VERT SPREAD: 1.886

GROUP SPREAD: 2.085

MIN RADIUS: 0.061

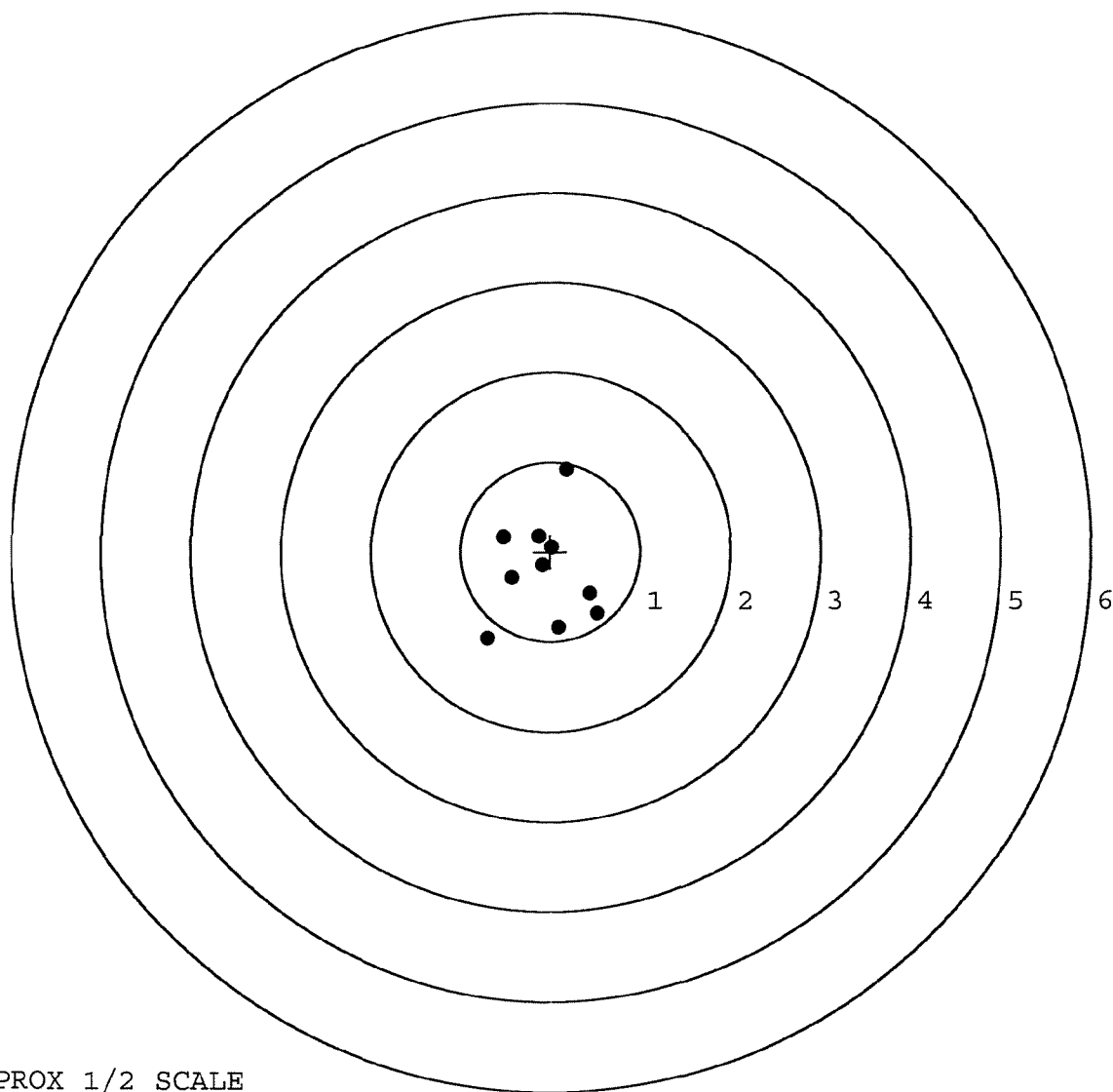
MAX RADIUS: 1.158

MEAN RADIUS: 0.583

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10



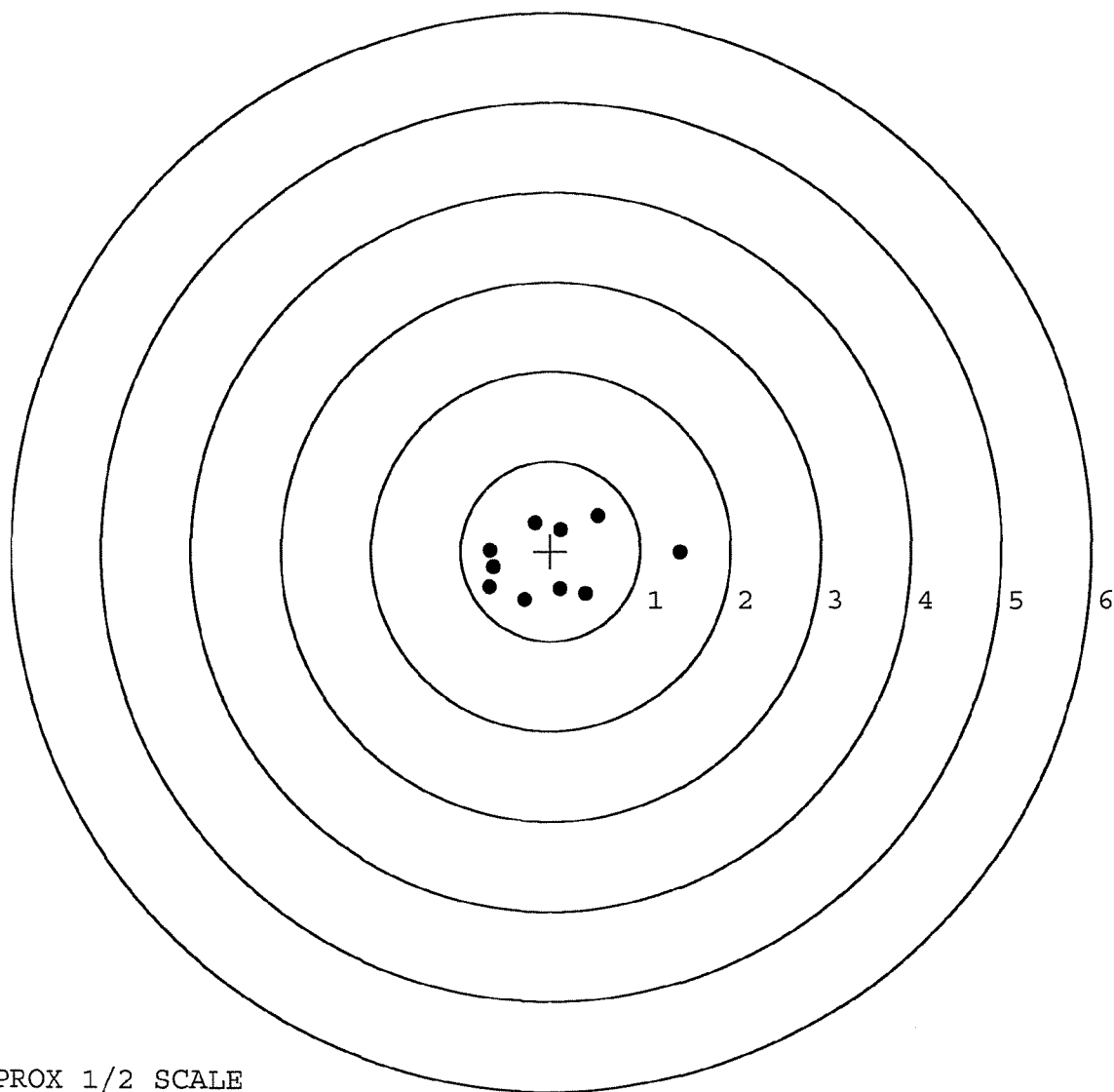
TARGET APPROX 1/2 SCALE

**BARBER - M24 0117220**

SERIAL NUMBER: E6790241. 0  
 TARGET NUMBER: 3  
 FILE DATE: 03/21/2002  
 FILE TIME: 02:36

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.523  | 0.391  |
| 2:     | 0.109  | 0.236  |
| 3:     | -0.177 | 0.317  |
| 4:     | -0.679 | 0.010  |
| 5:     | -0.686 | -0.405 |
| 6:     | -0.289 | -0.545 |
| 7:     | 0.109  | -0.425 |
| 8:     | 0.393  | -0.477 |
| 9:     | 1.434  | -0.023 |
| 10:    | -0.636 | -0.182 |

X CENTROID: 0.010  
 Y CENTROID: -0.110  
 POA TO CENTROID: 0.111  
 HORZ SPREAD: 2.120  
 VERT SPREAD: 0.936  
 GROUP SPREAD: 2.154  
 MIN RADIUS: 0.330  
 MAX RADIUS: 1.427  
 MEAN RADIUS: 0.646  
 # IN 1 IN DIAMETER: 3  
 # IN 2 IN DIAMETER: 9  
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

**BARBER - M24 0117221**

SERIAL NUMBER: E6790241. \_\_ 0

TARGET NUMBER: 4

FILE DATE: 03/21/2002

FILE TIME: 02:36

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.966  | -0.103 |
| 2:     | 0.709  | -1.140 |
| 3:     | 0.405  | -0.163 |
| 4:     | 0.189  | 0.374  |
| 5:     | -0.568 | 0.472  |
| 6:     | -0.980 | -0.005 |
| 7:     | -0.267 | -0.373 |
| 8:     | -0.186 | -0.143 |
| 9:     | -0.039 | -0.078 |
| 10:    | 0.101  | 0.036  |

X CENTROID: 0.033

Y CENTROID: -0.112

POA TO CENTROID: 0.117

HORZ SPREAD: 1.946

VERT SPREAD: 1.612

GROUP SPREAD: 2.057

MIN RADIUS: 0.080

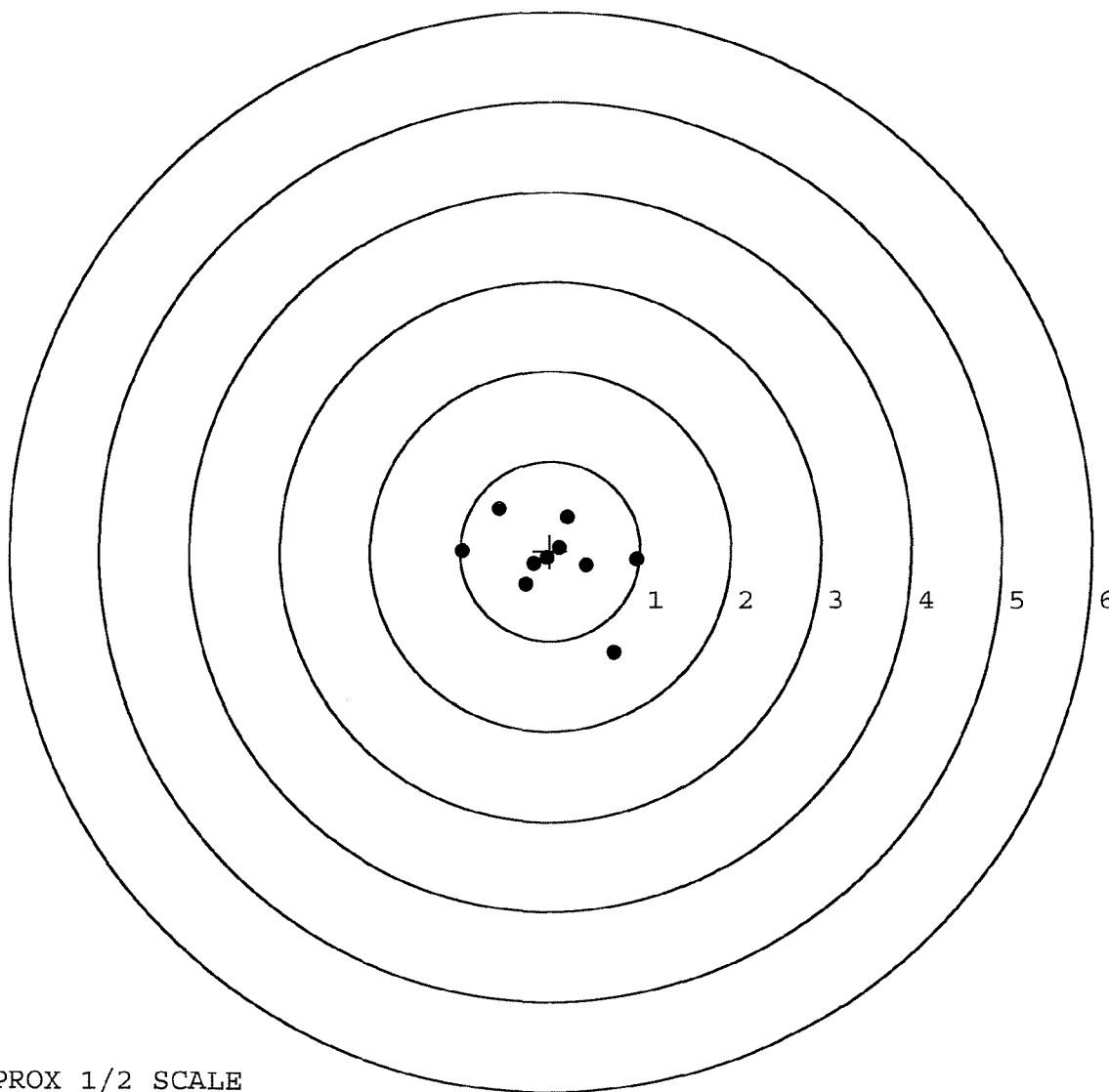
MAX RADIUS: 1.230

MEAN RADIUS: 0.577

# IN 1 IN DIAMETER: 5

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

**BARBER - M24 0117222**

SERIAL NUMBER: E6790241. \_\_0

TARGET NUMBER: 5

FILE DATE: 03/21/2002

FILE TIME: 02:36

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.986  | 0.941  |
| 2:     | 0.010  | 0.807  |
| 3:     | 0.167  | 0.643  |
| 4:     | 0.315  | 0.495  |
| 5:     | 0.020  | -0.105 |
| 6:     | -0.123 | -0.930 |
| 7:     | -0.623 | -0.883 |
| 8:     | -0.669 | -0.444 |
| 9:     | -0.436 | -0.362 |
| 10:    | -0.261 | -0.640 |

X CENTROID: -0.061

Y CENTROID: -0.048

POA TO CENTROID: 0.078

HORZ SPREAD: 1.655

VERT SPREAD: 1.871

GROUP SPREAD: 2.432

MIN RADIUS: 0.099

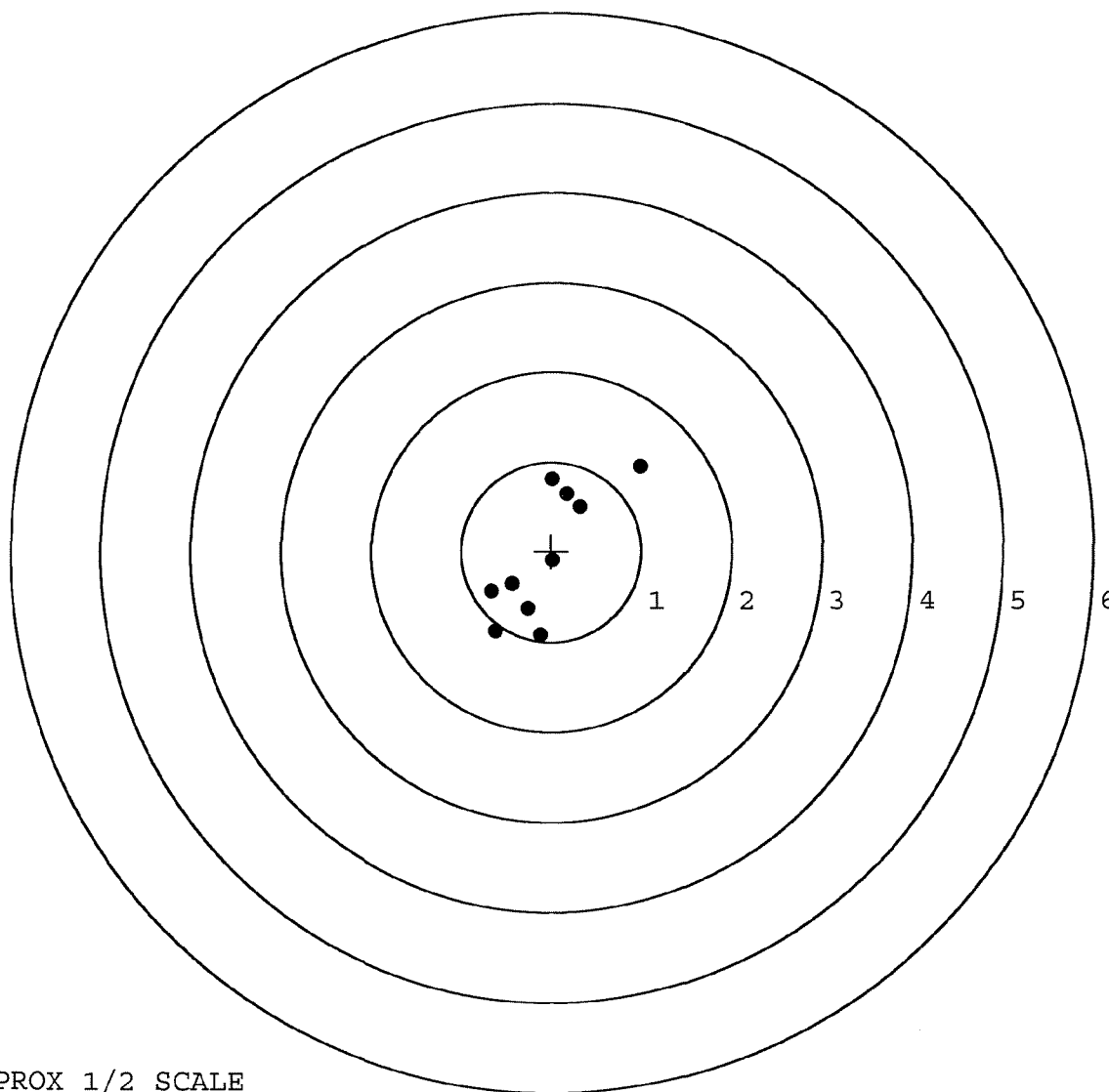
MAX RADIUS: 1.440

MEAN RADIUS: 0.752

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE