

G-646 1683

**ORDER 25716**

M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)

**UPC**



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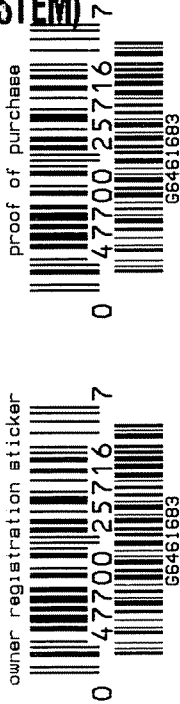
SERIAL NO.

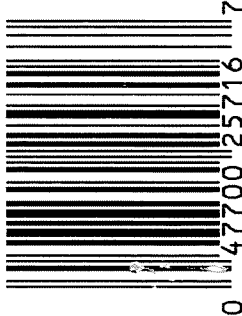


M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)  
BOLT ACTION CENTERFIRE RIFLE  
24" BARREL 7.62 NATO

- INSTRUCTION BOOK 3518

DD FORM



|                                                                                          |       |
|------------------------------------------------------------------------------------------|-------|
| ORDER NO.                                                                                | 25716 |
| BARREL LENGTH                                                                            | 24"   |
| CAPACITY                                                                                 | 6     |
| G6461683                                                                                 |       |
| UPC  |       |

## INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G646 1683

| OP #         | OPERATION NAME                                                                                                                         | READINGS | DATE    | INITIAL |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------|----------|---------|---------|
| 420 &<br>430 | ASSEMBLE ACTION<br>ASSEMBLE TO STOCK                                                                                                   |          | 9-9-05  | RTZ     |
| 440          | PROOF                                                                                                                                  |          | 9-12-05 | RTZ     |
| 460          | CHECK HEADSPACE                                                                                                                        |          | 9-13-05 | RTZ     |
| 470          | DIS-ASSEMBLE ACTION                                                                                                                    | INSPECT  | 9-13-05 | RTZ     |
| 480 &<br>490 | MAGNAFLUX BBL ACTION<br>MAGNAFLUX BOLT                                                                                                 | 4/80     | 9/14/05 | und     |
| 500          | ROLLMARK CALIBER                                                                                                                       |          | 9-14-05 | CW      |
| 510          | DRILL AND TAP<br>SIGHT HOLES                                                                                                           |          | 9-13-05 | TRW     |
| 520          | GOFF BLAST BBL / REC                                                                                                                   |          | 9-19-05 | LB      |
| 530 &<br>540 | APPLY COATINGS<br>(BARREL ACTION)                                                                                                      |          | 9/20    | HP      |
|              | (BOLT)                                                                                                                                 |          |         |         |
| 560          | RE-ASSEMBLE ACTION                                                                                                                     |          |         |         |
|              | A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                                                                                                    |          | 9-28-05 | DA      |
|              | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD                                                                         |          | 9-28-05 | DA      |
|              | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                                                                                                 |          | 9-28-05 | DA      |
|              | D) OIL FIRING PIN ASSEMBLY                                                                                                             |          | 9-30-05 | 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> |          |         |         |

REV-8405

| OP #         | OPERATION NAME                                                           | READINGS                                                    | DATE     | INITIAL |
|--------------|--------------------------------------------------------------------------|-------------------------------------------------------------|----------|---------|
| 560          | F) SAFETY ON FORCE <span>2 LBS MIN<br/>10 LBS MAX</span>                 | <u>5 lbs</u> <u>5 lbs</u> <u>5 lbs</u>                      | 10-11-05 | Ac      |
| CONT.        |                                                                          |                                                             |          |         |
|              | G) SAFETY OFF FORCE <span>2 LBS MIN</span>                               | <u>2 lbs</u> <u>2 lbs</u> <u>2 lbs</u>                      | 10-11-05 | Ac      |
|              | H) TRIGGER PULL TEST<br>AND RETAINABILITY                                |                                                             |          |         |
|              | I) FIRING PIN INDENT <span>.020 MIN</span>                               | <u>.022</u> <u>.022</u> <u>.022</u>                         | 10-11-05 | Ac      |
|              | J) ASSEMBLE STOCK                                                        |                                                             | 9-30-05  | RT      |
|              | K) ASSEMBLE SWIVEL<br>STUDS                                              |                                                             | 10-11-05 | Ac      |
|              | L) ATTACH FRONT AND<br>REAR SIGHT ASSY'S                                 |                                                             | 9-30-05  | RT      |
|              | M) IRON SIGHT<br>ALIGNMENT                                               |                                                             | 9-30-05  | RT      |
|              | N) DETACH FRONT AND<br>REAR SIGHTS AND PLACE<br>IN NUMBERED CONTAINER    |                                                             | 9-30-05  | RT      |
| 640 &<br>650 | FUNCTION TEST AND<br>TARGET                                              | <u>PASS</u> FAIL<br>PASS FAIL                               | 10-4-05  | TRW     |
|              | MALFUNCTION                                                              | CORRECTION                                                  |          |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |          |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |          |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |          |         |
| 660          | INSPECT FOR LIVE AMMO                                                    |                                                             | 10-4-05  | ST      |
| 670          | FINAL INSPECTION<br>A) HEADSPACE                                         |                                                             | 10-11-05 | Ac      |
|              | B) TRIGGER PULL <span>+/- .5 LBS<br/>MIN 2.50 LBS<br/>MAX 4.0 LBS</span> | <u>2.17</u> <u>2.36</u> <u>2.42</u> <u>2.46</u> <u>2.45</u> | 10-7-05  | RT      |
|              | C) FUNCTION                                                              |                                                             | 10-11-05 | Ac      |
| 690          | PACK                                                                     |                                                             | 10/27/05 | RT      |

**BARBER - M24 0154726**

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)

SERIAL NO.

DATE

TESTER

RC

9/28/05

|         | 2.50 LBS<br>INITIAL | 2.50 LBS AFTER<br>50 CYCLES | FINAL TEST & TO RESET<br>2.50 LBS |       | COMMENTS |
|---------|---------------------|-----------------------------|-----------------------------------|-------|----------|
| PULL #1 | 2.77                | 2.60                        |                                   | 2.60  |          |
| PULL #2 | 2.83                | 2.64                        |                                   | 2.68  |          |
| PULL #3 | 2.43                | 2.68                        |                                   | 2.76  |          |
| PULL #4 | 2.30                | 2.69                        |                                   | 2.73  |          |
| PULL #5 | 2.19                | 2.32                        |                                   | 2.77  |          |
| TOTAL   | 12.52               | 12.93                       |                                   | 13.54 |          |
| AVERAGE | 2.50                | 2.59                        |                                   | 2.71  |          |

|         | 3.00 LBS<br>INITIAL | 3.00 LBS AFTER<br>20 CYCLES |  | COMMENTS |
|---------|---------------------|-----------------------------|--|----------|
| PULL #1 | 3.33                | 2.78                        |  |          |
| PULL #2 | 3.18                | 3.09                        |  |          |
| PULL #3 | 3.23                | 3.24                        |  |          |
| PULL #4 | 2.93                | 3.33                        |  |          |
| PULL #5 | 3.14                | 3.22                        |  |          |
| TOTAL   | 15.81               | 15.66                       |  |          |
| AVERAGE | 3.16                | 3.13                        |  |          |

|         | 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 | 4.39                | 4.48                        |                                   | 4.53                                    |
| PULL #2 | 4.47                | 4.46                        |                                   | 4.50                                    |
| PULL #3 | 4.41                | 4.53                        |                                   | 4.39                                    |
| PULL #4 | 4.13                | 3.68                        |                                   | 4.19                                    |
| PULL #5 | 4.42                | 4.16                        |                                   | 4.39                                    |
| TOTAL   | 21.82               | 22.13                       |                                   | 22.00                                   |
| AVERAGE | 4.36                | 4.43                        |                                   | 4.40                                    |

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6461683.\_\_\_0

FILE DATE AND TIME: 10/04/2005 06:16

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.003 |
| The Average Y Centroid of the Five Target Set:              | 0.029  |
| The Average Point of Impact of the Five Target Set:         | 0.029  |
| The Average Mean Radius of the Five Target Set:             | 0.911  |
| The Distance from POA to Centroid Target #1:                | 0.298  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.321  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.439  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.171  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.652  |

**BARBER - M24 0154728**

SERIAL NUMBER: G6461683. \_\_0

TARGET NUMBER: 1

FILE DATE: 10/04/2005

FILE TIME: 06:16

X CENTROID: 0.047

Y CENTROID: 0.294

POA TO CENTROID: 0.298

HORZ SPREAD: 2.232

VERT SPREAD: 3.219

GROUP SPREAD: 3.220

MIN RADIUS: 0.380

MAX RADIUS: 2.031

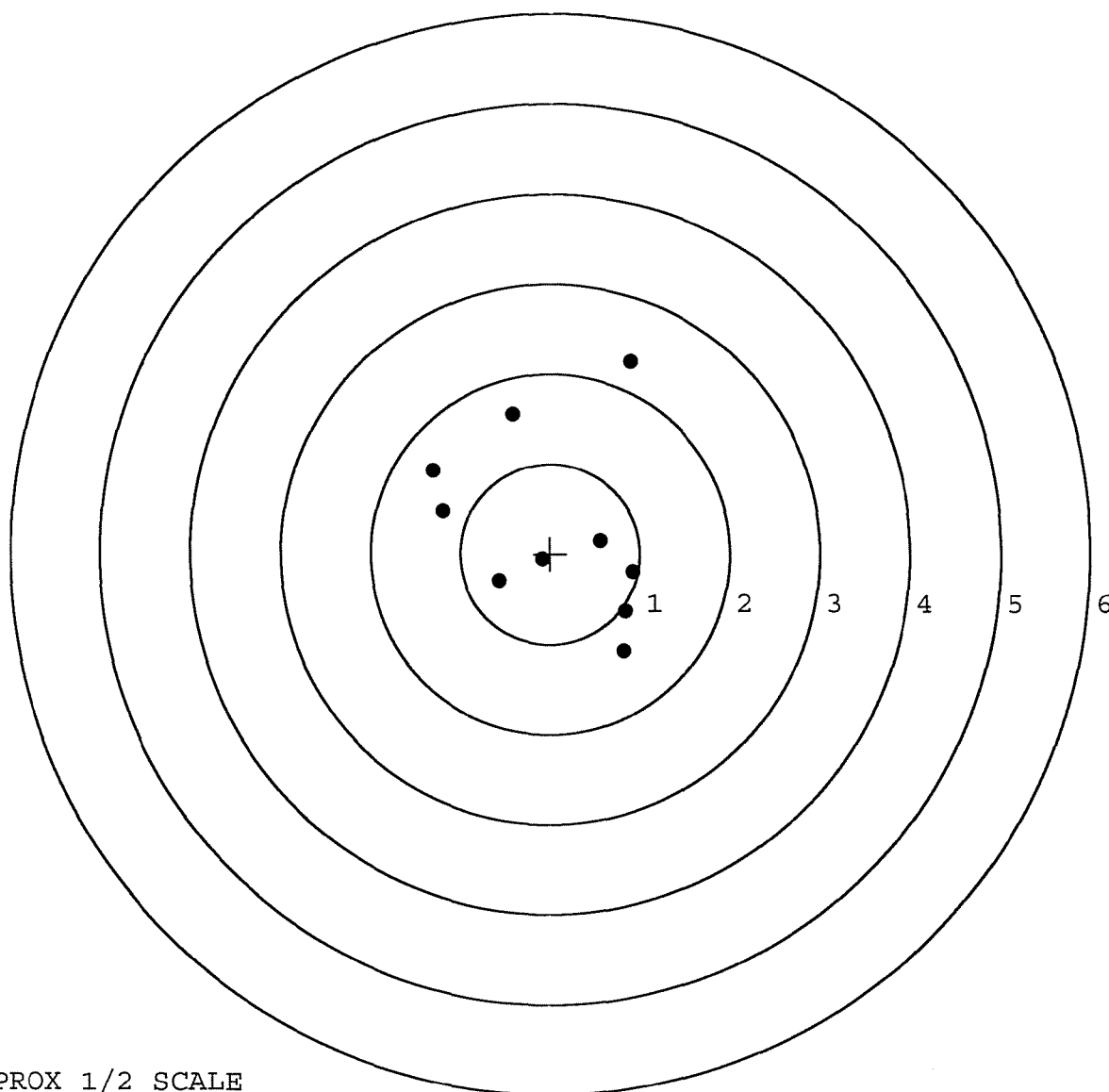
MEAN RADIUS: 1.171

# IN 1 IN DIAMETER: 1

# IN 2 IN DIAMETER: 3

# in 3 IN DIAMETER: 8

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.824  | -1.080 |
| 2:     | 0.846  | -0.637 |
| 3:     | 0.922  | -0.206 |
| 4:     | 0.566  | 0.141  |
| 5:     | -0.087 | -0.061 |
| 6:     | -0.568 | -0.301 |
| 7:     | 0.897  | 2.139  |
| 8:     | -0.421 | 1.548  |
| 9:     | -1.310 | 0.925  |
| 10:    | -1.194 | 0.471  |



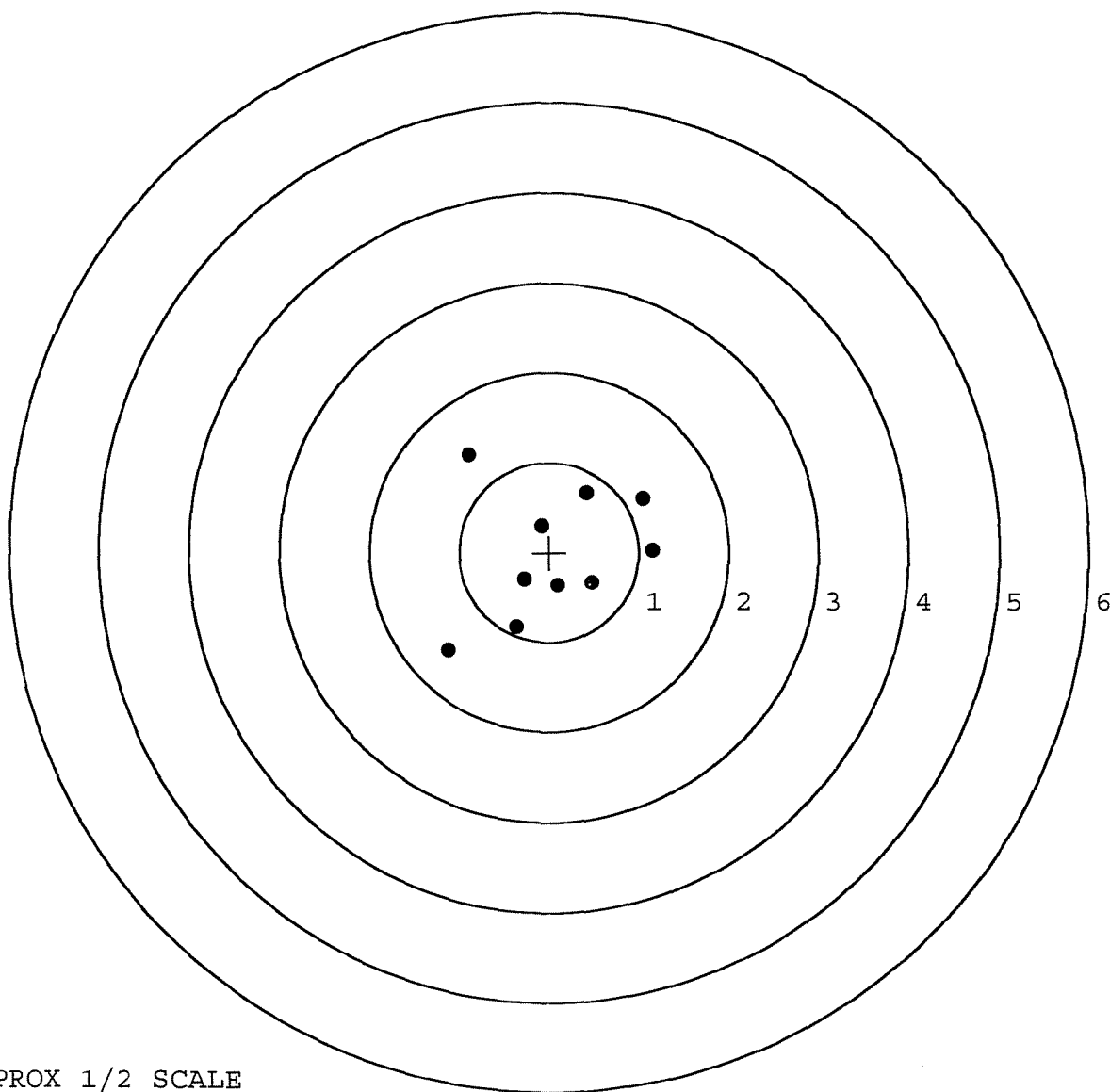
TARGET APPROX 1/2 SCALE

**BARBER - M24 0154729**

SERIAL NUMBER: G6461683. \_\_0  
TARGET NUMBER: 2  
FILE DATE: 10/04/2005  
FILE TIME: 06:16

X CENTROID: 0.045  
Y CENTROID: -0.027  
POA TO CENTROID: 0.053  
HORZ SPREAD: 2.278  
VERT SPREAD: 2.188  
GROUP SPREAD: 2.754  
MIN RADIUS: 0.348  
MAX RADIUS: 1.587  
MEAN RADIUS: 0.869  
# IN 1 IN DIAMETER: 3  
# IN 2 IN DIAMETER: 6  
# in 3 IN DIAMETER: 9

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.152  | 0.025  |
| 2:     | 1.044  | 0.599  |
| 3:     | 0.424  | 0.665  |
| 4:     | -0.082 | 0.297  |
| 5:     | 0.484  | -0.334 |
| 6:     | 0.099  | -0.373 |
| 7:     | -0.278 | -0.304 |
| 8:     | -0.365 | -0.837 |
| 9:     | -1.126 | -1.097 |
| 10:    | -0.898 | 1.091  |



TARGET APPROX 1/2 SCALE

**BARBER - M24 0154730**

SERIAL NUMBER: G6461683. \_\_0

TARGET NUMBER: 3

FILE DATE: 10/04/2005

FILE TIME: 06:16

X CENTROID: -0.035

Y CENTROID: -0.137

POA TO CENTROID: 0.142

HORZ SPREAD: 1.872

VERT SPREAD: 2.582

GROUP SPREAD: 2.603

MIN RADIUS: 0.124

MAX RADIUS: 1.424

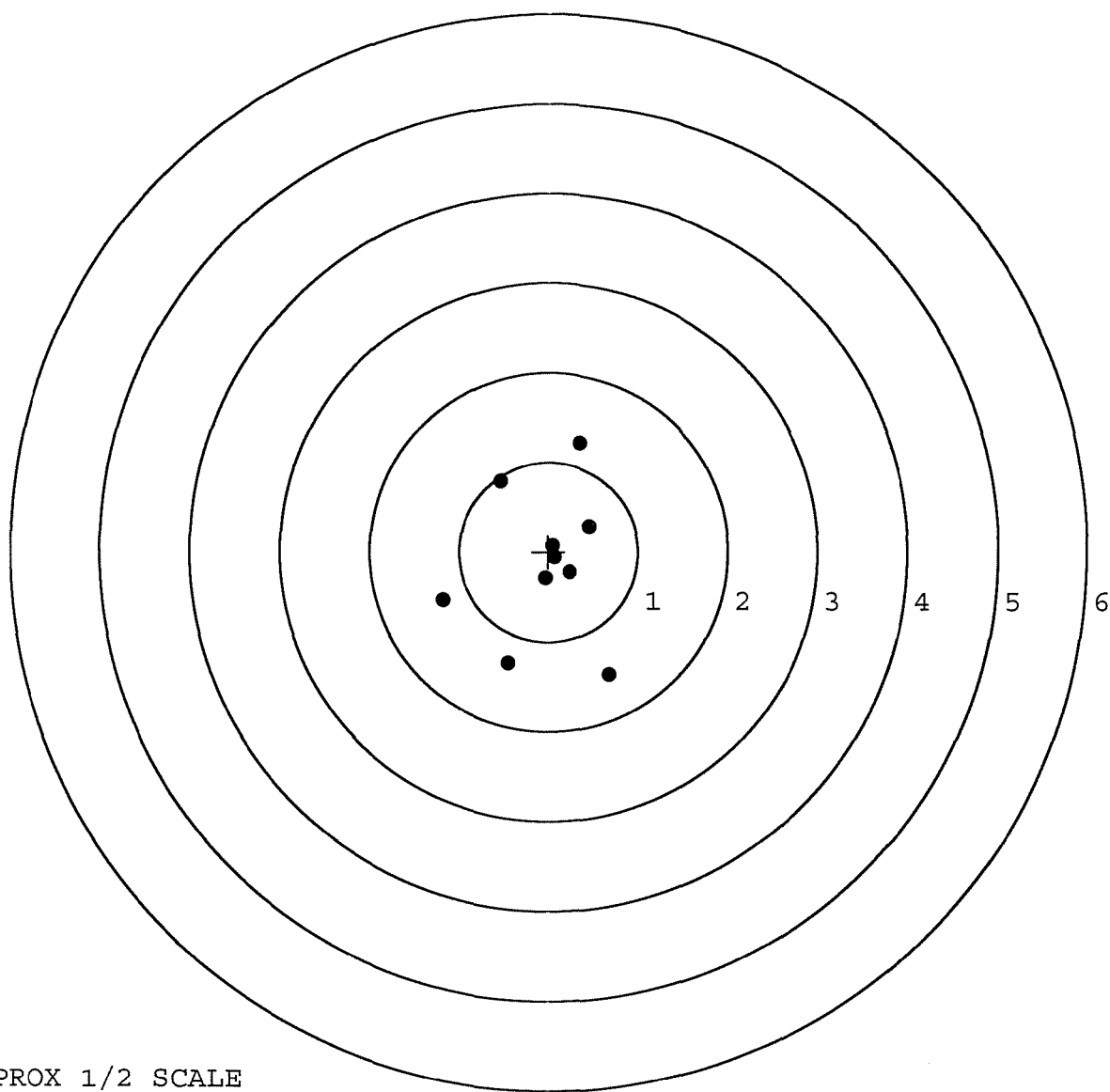
MEAN RADIUS: 0.773

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 5

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.686  | -1.365 |
| 2:     | -0.451 | -1.237 |
| 3:     | -1.186 | -0.542 |
| 4:     | 0.459  | 0.281  |
| 5:     | 0.357  | 1.217  |
| 6:     | -0.538 | 0.791  |
| 7:     | 0.052  | 0.072  |
| 8:     | 0.240  | -0.228 |
| 9:     | -0.038 | -0.294 |
| 10:    | 0.067  | -0.066 |



TARGET APPROX 1/2 SCALE

**BARBER - M24 0154731**

SERIAL NUMBER: G6461683. \_\_0

TARGET NUMBER: 4

FILE DATE: 10/04/2005

FILE TIME: 06:16

X CENTROID: -0.105

Y CENTROID: 0.371

POA TO CENTROID: 0.386

HORZ SPREAD: 2.476

VERT SPREAD: 2.272

GROUP SPREAD: 2.478

MIN RADIUS: 0.327

MAX RADIUS: 1.600

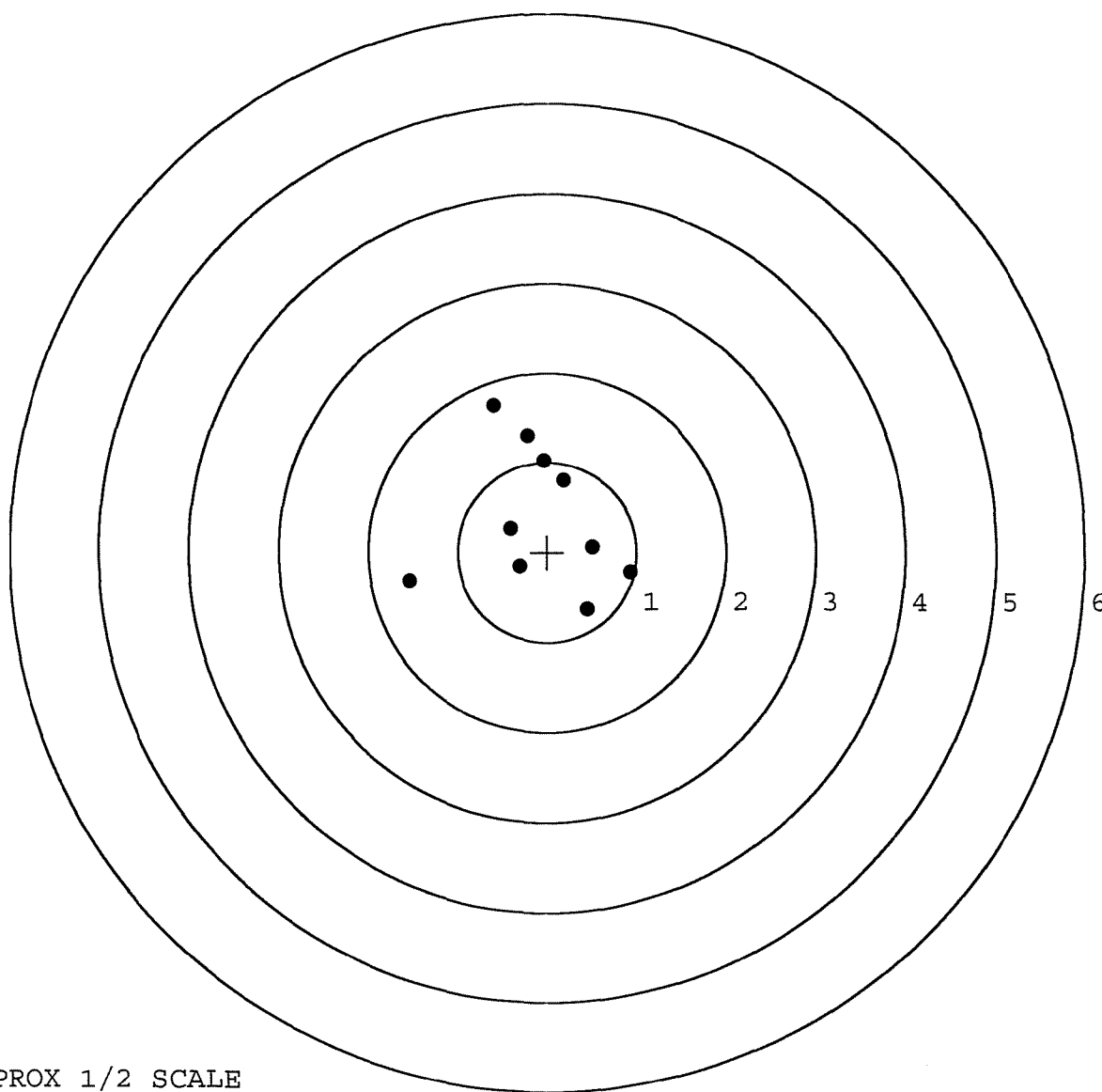
MEAN RADIUS: 0.900

# IN 1 IN DIAMETER: 1

# IN 2 IN DIAMETER: 6

# in 3 IN DIAMETER: 9

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.930  | -0.226 |
| 2:     | 0.456  | -0.637 |
| 3:     | 0.512  | 0.055  |
| 4:     | -0.310 | -0.160 |
| 5:     | -0.411 | 0.255  |
| 6:     | -1.546 | -0.325 |
| 7:     | 0.186  | 0.799  |
| 8:     | -0.044 | 1.018  |
| 9:     | -0.222 | 1.298  |
| 10:    | -0.606 | 1.635  |



TARGET APPROX 1/2 SCALE

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER  
KINZER V. REMINGTON

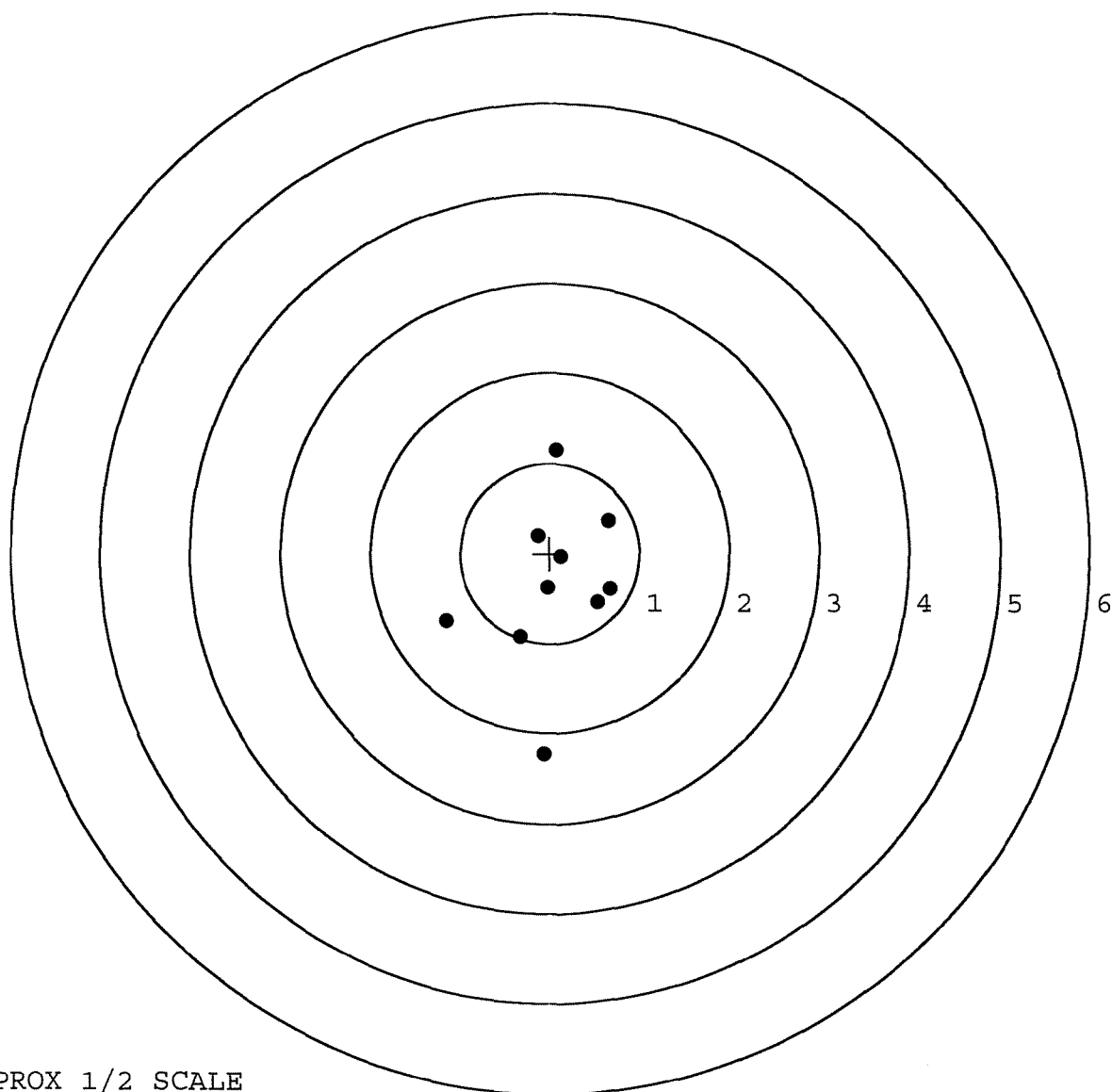
BARBER - M24 0154731 0154770

**BARBER - M24 0154732**

SERIAL NUMBER: G6461683. \_\_0  
TARGET NUMBER: 5  
FILE DATE: 10/04/2005  
FILE TIME: 06:16

X CENTROID: 0.035  
Y CENTROID: -0.358  
POA TO CENTROID: 0.359  
HORZ SPREAD: 1.834  
VERT SPREAD: 3.389  
GROUP SPREAD: 3.391  
MIN RADIUS: 0.066  
MAX RADIUS: 1.886  
MEAN RADIUS: 0.843  
# IN 1 IN DIAMETER: 2  
# IN 2 IN DIAMETER: 7  
# in 3 IN DIAMETER: 8

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.061 | -2.241 |
| 2:     | -0.331 | -0.933 |
| 3:     | -1.156 | -0.748 |
| 4:     | 0.534  | -0.544 |
| 5:     | 0.678  | -0.394 |
| 6:     | -0.027 | -0.381 |
| 7:     | 0.121  | -0.040 |
| 8:     | -0.135 | 0.195  |
| 9:     | 0.657  | 0.362  |
| 10:    | 0.067  | 1.148  |



TARGET APPROX 1/2 SCALE