

G6414397

**ORDER 25716**

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

**UPC**



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

**UPC**



SERIAL NO.



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

- INSTRUCTION BOOK 3518

proof of purchase



owner registration sticker



DD FORM

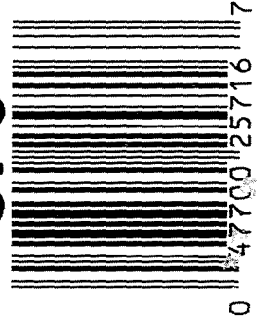
ORDER NO. **25716**

BARREL LENGTH 24"

CAPACITY 6

**G6414397**

**UPC**



## INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # 66414397

| OP #      | OPERATION NAME                                                                                                                         | READINGS | DATE                    | INITIAL |
|-----------|----------------------------------------------------------------------------------------------------------------------------------------|----------|-------------------------|---------|
| 575 & 580 | ASSEMBLE ACTION AND STOCK                                                                                                              |          | 10-19-04                | RTL     |
| 600       | PROOF                                                                                                                                  |          |                         |         |
| 607       | CHECK HEADSPACE                                                                                                                        |          | MAGNA-FLUX INSPECTED    |         |
| 610       | DIS-ASSEMBLE GUN                                                                                                                       |          |                         |         |
| 612       | MAGNAFLUX BBL ACTION<br>MAGNAFLUX BOLT                                                                                                 |          | OCT 25 2004<br>OPERATOR | AD      |
| 615       | ROLLMARK CALIBER                                                                                                                       |          | 10/27/04                | AD      |
| 617       | DRILL AND TAP<br>SIGHT HOLES                                                                                                           |          | 10-22-04                | TRL     |
| 620       | APPLY COATINGS<br>(BARREL ACTION)                                                                                                      |          | 10/30                   | HP      |
|           | (BOLT)                                                                                                                                 |          |                         |         |
| 625       | FINAL ASSEMBLY                                                                                                                         |          |                         |         |
|           | A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                                                                                                    |          | 11-9-04                 | DA      |
|           | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD                                                                         |          | 11-9-04                 | DA      |
|           | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                                                                                                 |          | 11-9-04                 | DA      |
|           | D) OIL FIRING PIN ASSEMBLY                                                                                                             |          | 11-19-04                | RTL     |
|           | 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> |          |                         |         |

| OP #  | OPERATION NAME                                                           | READINGS                                                    | DATE     | INITIAL |
|-------|--------------------------------------------------------------------------|-------------------------------------------------------------|----------|---------|
| 625   | F) SAFETY ON FORCE <span>2 LBS MIN<br/>10 LBS MAX</span>                 | <u>5.2</u> <u>5.2</u> <u>5.2</u>                            | 12/7/04  | DA      |
| CONT. | G) SAFETY OFF FORCE <span>2 LBS MIN</span>                               | <u>2.2</u> <u>2.2</u> <u>2.2</u>                            | 12/7/04  | DA      |
|       | H) TRIGGER PULL TEST<br>AND RETAINABILITY                                |                                                             |          |         |
|       | I) FIRING PIN INDENT <span>.020 MIN</span>                               | <u>1.025</u> <u>1.025</u> <u>1.026</u>                      | 12/7/04  | DA      |
|       | J) ASSEMBLE STOCK                                                        |                                                             | 11-19-04 | RTZ     |
|       | K) ASSEMBLE SWIVEL<br>STUDS                                              |                                                             | 12-7-04  | AC      |
|       | L) ATTACH FRONT AND<br>REAR SIGHT ASSY'S                                 | N.A                                                         |          |         |
|       | M) IRON SIGHT<br>ALIGNMENT                                               |                                                             |          |         |
|       | N) DETACH FRONT AND<br>REAR SIGHTS AND PLACE<br>IN NUMBERED CONTAINER    |                                                             |          |         |
| 640   | GALLERY TEST AND<br>TARGET                                               | <u>PASS</u> FAIL                                            | 11-29-04 | TRW     |
|       | MALFUNCTION <u>CH</u>                                                    | CORRECTION <u>OK</u>                                        | 11-29-04 | TRW     |
|       | MALFUNCTION                                                              | CORRECTION                                                  |          |         |
|       | MALFUNCTION                                                              | CORRECTION <u>NA</u>                                        |          |         |
|       | MALFUNCTION                                                              | CORRECTION                                                  |          |         |
| 645   | INSPECT FOR LIVE AMMO                                                    |                                                             | 11-29-04 | TRW     |
| 655   | FINAL INSPECTION<br>A) HEADSPACE                                         |                                                             | 12-1-04  | AC      |
|       | B) TRIGGER PULL <span>+/- .5 LBS<br/>MIN 2.50 LBS<br/>MAX 4.0 LBS</span> | <u>2.66</u> <u>2.74</u> <u>2.64</u> <u>2.72</u> <u>2.86</u> | 12/7/04  | DA      |
|       | C) FUNCTION                                                              |                                                             | 12-7-04  | AC      |
| 660   | PACK                                                                     |                                                             | 12/8/04  | DA      |

## AVERAGE PULL FORCE BETWEEN

SERIAL NO. \_\_\_\_\_

## INITIAL &amp; CYCLE TESTS

2.50 LBS (plus or minus 0.50 LBS)

DATE 11-16-04

3.00 LBS (plus or minus 0.75 LBS)

TESTER TRW

4.00 LBS (plus or minus 1.00 LBS)

|         | 2.50 LBS<br>INITIAL | 2.50 LBS AFTER<br>50 CYCLES | FINAL TEST & TO RESET<br>2.50 LBS |       | COMMENTS |
|---------|---------------------|-----------------------------|-----------------------------------|-------|----------|
| PULL #1 | 2.25                | 2.16                        |                                   | 2.17  |          |
| PULL #2 | 2.39                | 2.45                        |                                   | 2.11  |          |
| PULL #3 | 2.40                | 2.03                        |                                   | 2.10  |          |
| PULL #4 | 2.33                | 2.06                        |                                   | 2.17  |          |
| PULL #5 | 2.36                | 2.41                        |                                   | 2.16  |          |
| TOTAL   | 11.73               | 11.11                       |                                   | 10.71 |          |
| AVERAGE | 2.34                | 2.22                        |                                   | 2.14  |          |

|         | 3.00 LBS<br>INITIAL | 3.00 LBS AFTER<br>20 CYCLES |  | COMMENTS |
|---------|---------------------|-----------------------------|--|----------|
| PULL #1 | 3.24                | 3.03                        |  |          |
| PULL #2 | 3.31                | 3.10                        |  |          |
| PULL #3 | 3.27                | 3.10                        |  |          |
| PULL #4 | 3.21                | 3.15                        |  |          |
| PULL #5 | 3.11                | 3.21                        |  |          |
| TOTAL   | 16.14               | 15.59                       |  |          |
| AVERAGE | 3.22                | 3.11                        |  |          |

|         | 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 | 4.26                | 4.25                        |                                   | 4.16                                    |
| PULL #2 | 4.10                | 4.15                        |                                   | 4.11                                    |
| PULL #3 | 4.09                | 4.18                        |                                   | 4.14                                    |
| PULL #4 | 4.08                | 4.28                        |                                   | 4.09                                    |
| PULL #5 | 3.97                | 4.27                        |                                   | 4.07                                    |
| TOTAL   | 20.50               | 21.13                       |                                   | 20.57                                   |
| AVERAGE | 4.10                | 4.22                        |                                   | 4.11                                    |

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6414397.\_\_1

FILE DATE AND TIME: 09/22/2005 10:27

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.168 |
| The Average Y Centroid of the Five Target Set:              | 0.151  |
| The Average Point of Impact of the Five Target Set:         | 0.227  |
| The Average Mean Radius of the Five Target Set:             | 1.136  |
| The Distance from POA to Centroid Target #1:                | 0.207  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.505  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.193  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.491  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.180  |

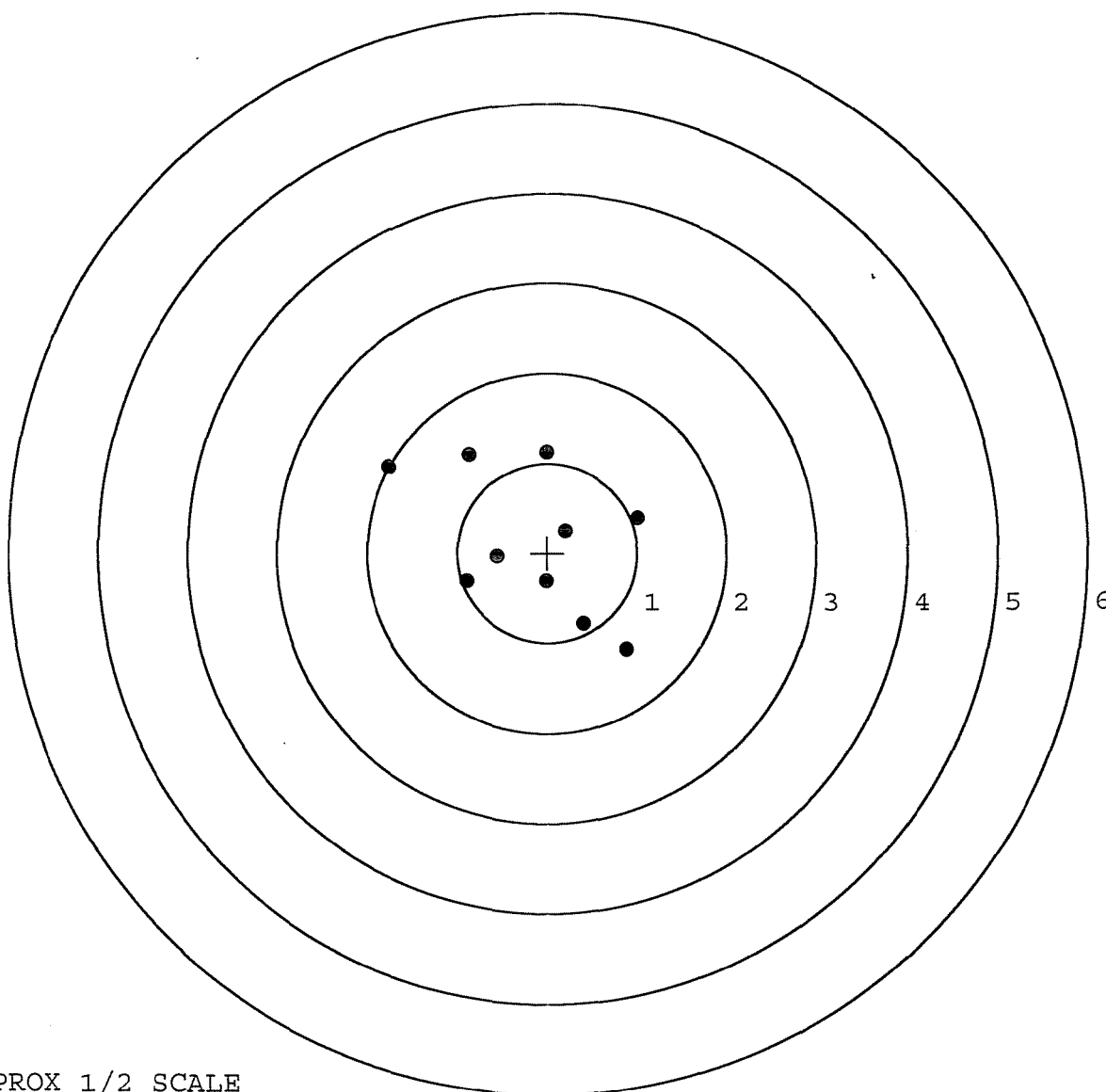
**BARBER - M24 0151601**

SERIAL NUMBER: G6414397. \_\_1  
TARGET NUMBER: 1  
FILE DATE: 09/22/2005  
FILE TIME: 10:27

X CENTROID: -0.163  
Y CENTROID: 0.127  
POA TO CENTROID: 0.207  
HORZ SPREAD: 2.761  
VERT SPREAD: 2.202  
GROUP SPREAD: 3.335  
MIN RADIUS: 0.379  
MAX RADIUS: 1.796  
MEAN RADIUS: 1.001

# IN 1 IN DIAMETER: 3  
# IN 2 IN DIAMETER: 4  
# in 3 IN DIAMETER: 8

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.885  | -1.078 |
| 2:     | 0.395  | -0.794 |
| 3:     | -0.020 | -0.316 |
| 4:     | 0.198  | 0.240  |
| 5:     | 1.006  | 0.388  |
| 6:     | -0.560 | -0.035 |
| 7:     | -0.900 | -0.315 |
| 8:     | -0.013 | 1.124  |
| 9:     | -0.870 | 1.097  |
| 10:    | -1.755 | 0.960  |



TARGET APPROX 1/2 SCALE



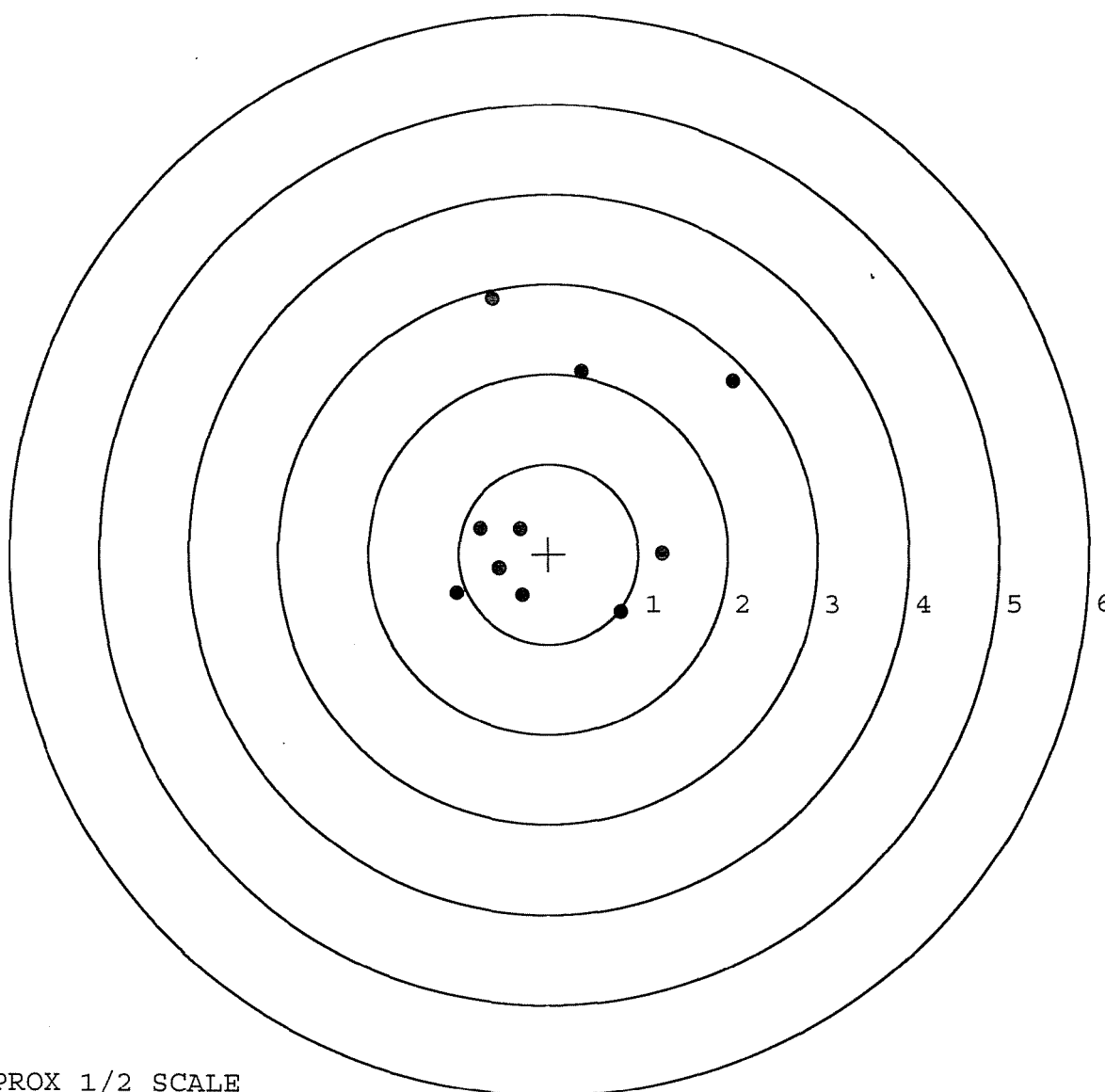
**BARBER - M24 0151602**

SERIAL NUMBER: G6414397. \_\_1  
TARGET NUMBER: 2  
FILE DATE: 09/22/2005  
FILE TIME: 10:27

X CENTROID: 0.090  
Y CENTROID: 0.564  
POA TO CENTROID: 0.571  
HORZ SPREAD: 3.080  
VERT SPREAD: 3.482  
GROUP SPREAD: 3.881  
MIN RADIUS: 0.504  
MAX RADIUS: 2.387  
MEAN RADIUS: 1.392

# IN 1 IN DIAMETER: 0  
# IN 2 IN DIAMETER: 3  
# in 3 IN DIAMETER: 7

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.805  | -0.646 |
| 2:     | 1.268  | 0.007  |
| 3:     | -0.325 | 0.278  |
| 4:     | -0.295 | -0.458 |
| 5:     | -0.547 | -0.156 |
| 6:     | -1.026 | -0.440 |
| 7:     | -0.764 | 0.274  |
| 8:     | 0.362  | 2.022  |
| 9:     | -0.633 | 2.836  |
| 10:    | 2.054  | 1.921  |



TARGET APPROX 1/2 SCALE

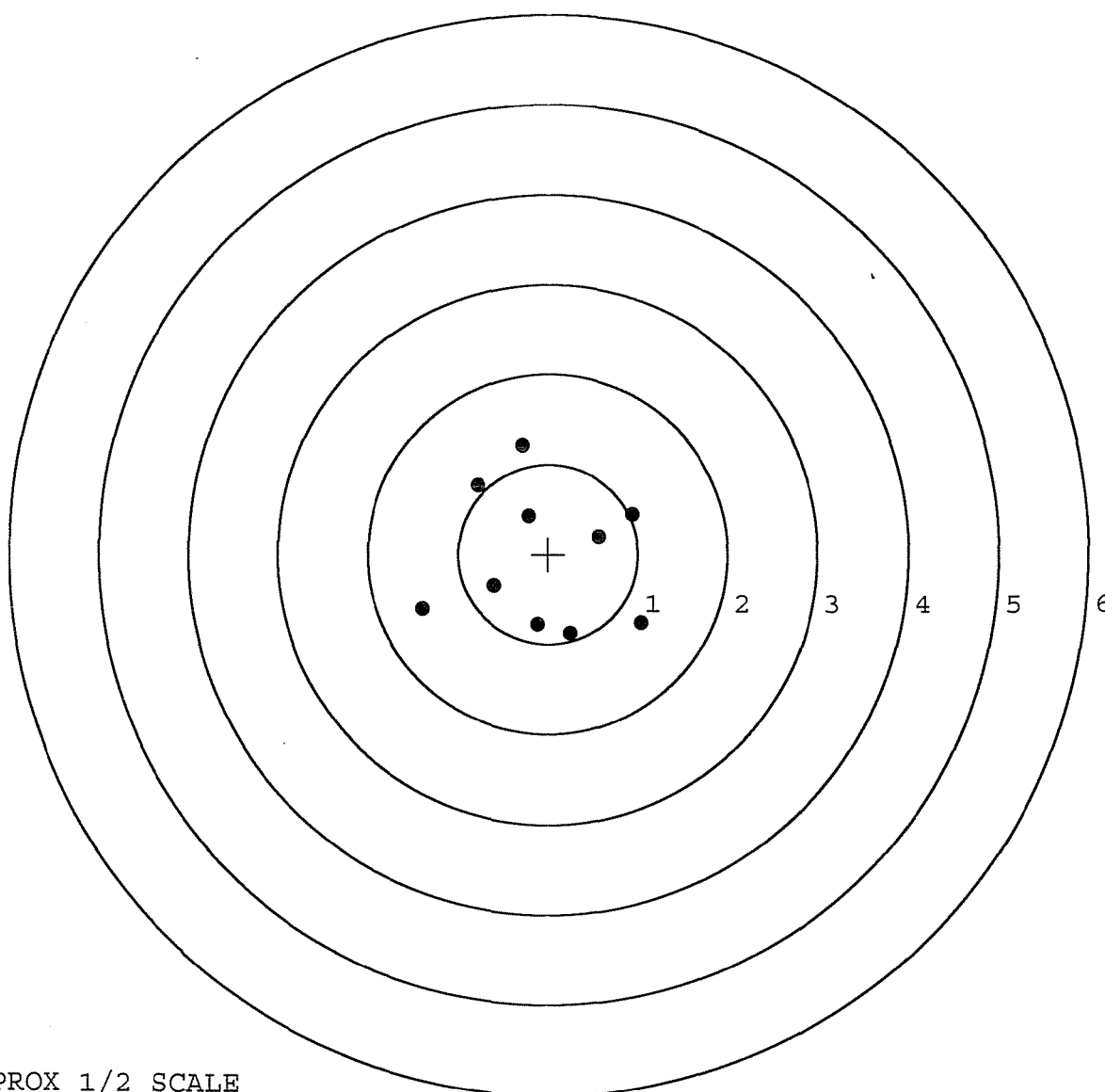
**BARBER - M24 0151603**

SERIAL NUMBER: G6414397. \_\_1  
TARGET NUMBER: 3  
FILE DATE: 09/22/2005  
FILE TIME: 10:27

X CENTROID: -0.064  
Y CENTROID: -0.038  
POA TO CENTROID: 0.074  
HORZ SPREAD: 2.432  
VERT SPREAD: 2.102  
GROUP SPREAD: 2.564  
MIN RADIUS: 0.489  
MAX RADIUS: 1.452  
MEAN RADIUS: 0.968

# IN 1 IN DIAMETER: 1  
# IN 2 IN DIAMETER: 5  
# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.037  | -0.770 |
| 2:     | 0.241  | -0.890 |
| 3:     | -0.123 | -0.790 |
| 4:     | -0.606 | -0.350 |
| 5:     | -1.395 | -0.619 |
| 6:     | 0.940  | 0.441  |
| 7:     | 0.564  | 0.199  |
| 8:     | -0.221 | 0.425  |
| 9:     | -0.786 | 0.760  |
| 10:    | -0.288 | 1.212  |



TARGET APPROX 1/2 SCALE

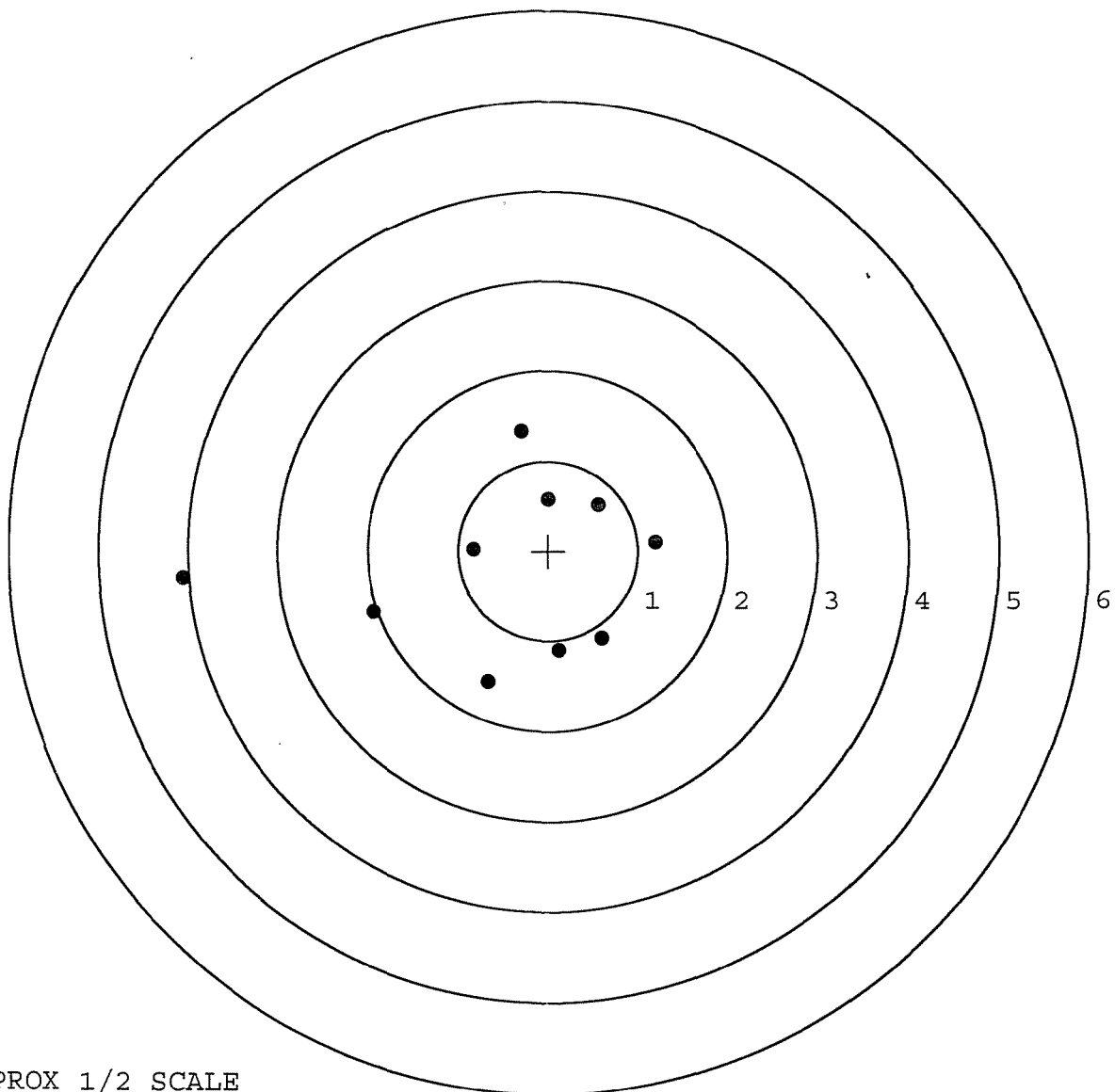
**BARBER - M24 0151604**

SERIAL NUMBER: G6414397. \_\_1  
TARGET NUMBER: 4  
FILE DATE: 09/22/2005  
FILE TIME: 10:27

X CENTROID: -0.529  
Y CENTROID: -0.202  
POA TO CENTROID: 0.566  
HORZ SPREAD: 5.253  
VERT SPREAD: 2.785  
GROUP SPREAD: 5.269  
MIN RADIUS: 0.371  
MAX RADIUS: 3.528  
MEAN RADIUS: 1.469

# IN 1 IN DIAMETER: 1  
# IN 2 IN DIAMETER: 2  
# in 3 IN DIAMETER: 7

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.198  | 0.098  |
| 2:     | 0.566  | 0.518  |
| 3:     | 0.003  | 0.575  |
| 4:     | -0.302 | 1.328  |
| 5:     | -0.830 | 0.014  |
| 6:     | -1.928 | -0.687 |
| 7:     | 0.605  | -0.975 |
| 8:     | 0.123  | -1.113 |
| 9:     | -0.665 | -1.457 |
| 10:    | -4.055 | -0.318 |



TARGET APPROX 1/2 SCALE

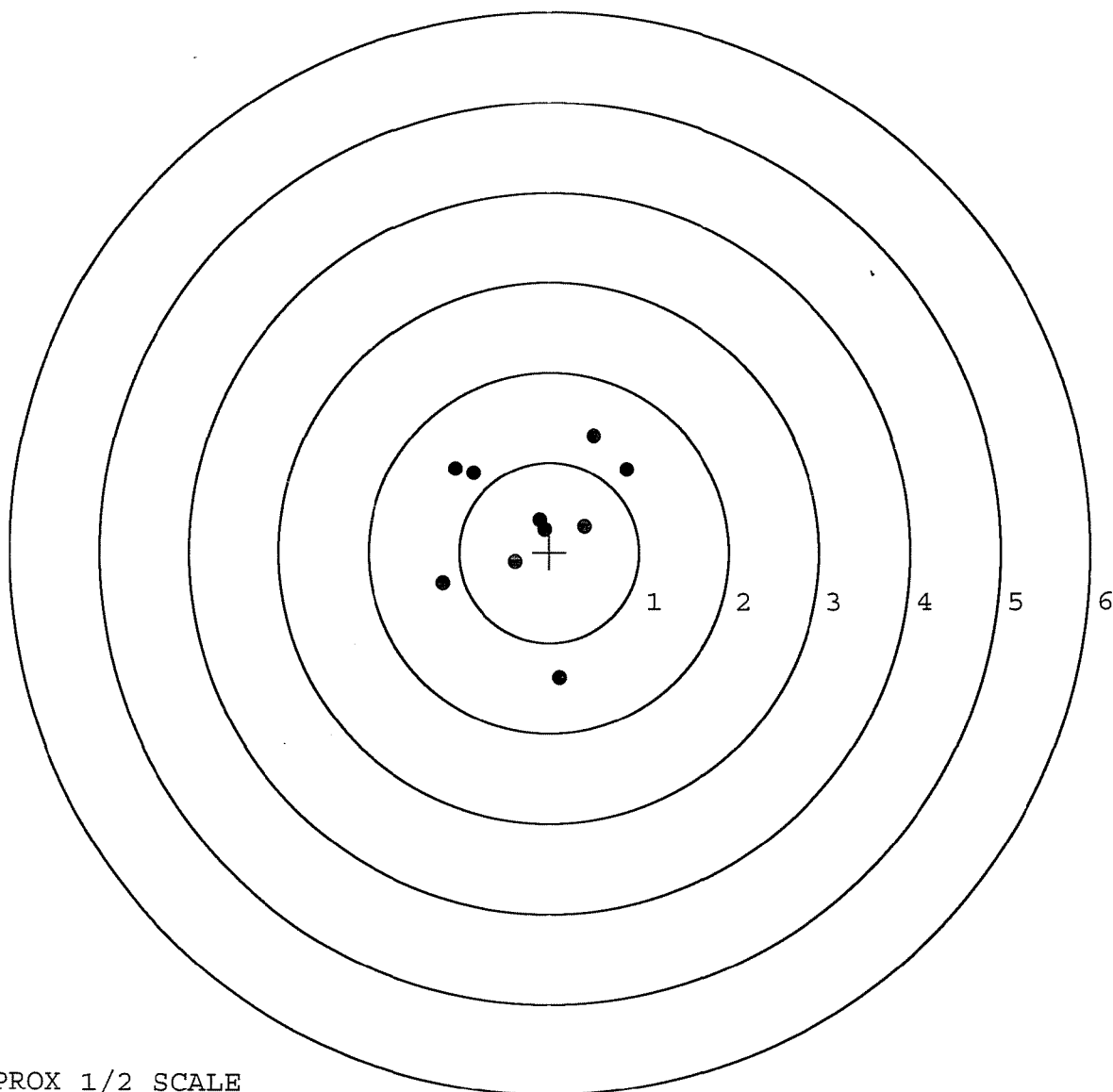
**BARBER - M24 0151605**

SERIAL NUMBER: G6414397. \_\_1  
TARGET NUMBER: 5  
FILE DATE: 09/22/2005  
FILE TIME: 10:27

X CENTROID: -0.176  
Y CENTROID: 0.306  
POA TO CENTROID: 0.354  
HORZ SPREAD: 2.044  
VERT SPREAD: 2.680  
GROUP SPREAD: 2.707  
MIN RADIUS: 0.086  
MAX RADIUS: 1.718  
MEAN RADIUS: 0.850

# IN 1 IN DIAMETER: 3  
# IN 2 IN DIAMETER: 5  
# in 3 IN DIAMETER: 9

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.107  | -1.388 |
| 2:     | -1.180 | -0.345 |
| 3:     | -0.385 | -0.108 |
| 4:     | -0.057 | 0.247  |
| 5:     | 0.387  | 0.281  |
| 6:     | -0.107 | 0.358  |
| 7:     | -0.840 | 0.880  |
| 8:     | -1.042 | 0.929  |
| 9:     | 0.489  | 1.292  |
| 10:    | 0.864  | 0.918  |



TARGET APPROX 1/2 SCALE