

G-6590073

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



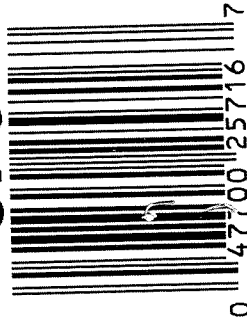
ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6590073

UPC



**ORDER 25716**

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

**UPC**



**ORDER 25716**

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

**UPC**



SERIAL NO.



## INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6590073

| OP #         | OPERATION NAME                                                                                                                         | READINGS                | DATE    | INITIAL     |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------|-------------------------|---------|-------------|
| 410          | SERIALIZE BOLT HANDLE                                                                                                                  |                         | 8-24-06 | RTZ         |
| 420          | ASSEMBLE ACTION                                                                                                                        |                         | 8-24-06 | RTZ         |
| 430          | ASSEMBLE TO STOCK                                                                                                                      |                         | 8-24-06 | BD          |
| 440          | PROOF                                                                                                                                  | MAGNA-FLUX<br>INSPECTED | 8-24-06 | TRW         |
| 460          | CHECK HEADSPACE                                                                                                                        | SEP 01 2006             | 8-24-06 | TRW         |
| 470          | DIS-ASSEMBLE ACTION                                                                                                                    |                         |         |             |
| 480          | MAGNAFLUX BBL ACTION                                                                                                                   | OPERATOR <i>unns</i>    | 9/1/06  | <i>unns</i> |
| 490          | MAGNAFLUX BOLT                                                                                                                         |                         |         |             |
| 500          | ROLLMARK CALIBER                                                                                                                       |                         | 9-1-06  | CW          |
| 510          | DRILL AND TAP<br>SIGHT HOLES                                                                                                           |                         | 9-1-06  | TRW         |
| 520          | GOFF BLAST BBL / REC                                                                                                                   |                         | 9-5-06  | LB          |
| 530 &<br>540 | APPLY COATINGS<br>(BARREL ACTION)                                                                                                      |                         |         |             |
|              | (BOLT)                                                                                                                                 |                         | 9/8/06  | <i>TRW</i>  |
| 560          | RE-ASSEMBLE ACTION                                                                                                                     |                         |         |             |
|              | A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                                                                                                    |                         | 9-11-06 | BLG         |
|              | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD                                                                         |                         | 9-11-06 | BLG         |
|              | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                                                                                                 |                         | 9-11-06 | BLG         |
|              | D) OIL FIRING PIN ASSEMBLY                                                                                                             |                         | 9-13-06 | BLG         |
|              | 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> |                         |         |             |

F004 REV 5/2006

| OP #         | OPERATION                                                                | READINGS                                                    | DATE     | INITIAL |
|--------------|--------------------------------------------------------------------------|-------------------------------------------------------------|----------|---------|
| 560          | F) SAFETY ON FORCE <span>2 LBS MIN<br/>10 LBS MAX</span>                 | <u>6 lbs</u> <u>7 lbs</u> <u>6 lbs</u>                      | 9-25-06  | non     |
| CONT.        |                                                                          |                                                             |          |         |
|              | G) SAFETY OFF FORCE <span>2 LBS MIN</span>                               | <u>4 lbs</u> <u>4 lbs</u> <u>4 lbs</u>                      | 9-25-06  | non     |
|              | H) TRIGGER PULL TEST<br>AND RETAINABILITY                                |                                                             |          |         |
|              | I) FIRING PIN INDENT <span>.020 MIN</span>                               | <u>.022</u> <u>.023</u> <u>.022</u>                         | 9-25-06  | non     |
|              | J) ASSEMBLE STOCK                                                        |                                                             | 9-13-06  | BLG     |
|              | K) ASSEMBLE SWIVEL<br>STUDS                                              |                                                             | 10-6-06  | L.P.D.  |
|              | L) ATTACH FRONT AND<br>REAR SIGHT ASSY'S                                 |                                                             | 9-13-06  | BLG     |
|              | M) IRON SIGHT<br>ALIGNMENT                                               |                                                             | 9-13-06  | BLG     |
|              | N) DETACH FRONT AND<br>REAR SIGHTS AND PLACE<br>IN NUMBERED CONTAINER    |                                                             | 9-13-06  | BLG     |
| 640 &<br>650 | FUNCTION TEST AND<br>TARGET                                              | <u>PASS</u> FAIL<br><u>PASS</u> FAIL                        | 9-13-06  | L.P.D.  |
|              | MALFUNCTION                                                              | CORRECTION                                                  |          |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |          |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |          |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |          |         |
| 660          | INSPECT FOR LIVE AMMO                                                    |                                                             | 9/13/06  | M.P.D.  |
| 670          | FINAL INSPECTION<br>A) HEADSPACE                                         |                                                             | 10-6-06  | L.P.D.  |
|              | B) TRIGGER PULL <span>+/- .5 LBS<br/>MIN 2.50 LBS<br/>MAX 4.0 LBS</span> | <u>2.51</u> <u>2.22</u> <u>2.37</u> <u>2.35</u> <u>2.29</u> | 9-15-06  | DA      |
|              | C) FUNCTION                                                              |                                                             | 10-6-06  | L.P.D.  |
| 690          | PACK                                                                     |                                                             | 10-28-06 | DA      |

F004 REV 5/2006

**BARBER - M24 0164160**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 9-9-06TESTER RP

|         | 2.50 LBS<br>INITIAL | 2.50 LBS AFTER 50<br>CYCLES | FINAL TEST & TO RESET<br>2.50 LBS |       | COMMENTS |
|---------|---------------------|-----------------------------|-----------------------------------|-------|----------|
| PULL #1 | 2.59                | 2.52                        |                                   | 2.39  |          |
| PULL #2 | 2.63                | 2.51                        |                                   | 2.43  |          |
| PULL #3 | 2.62                | 2.45                        |                                   | 2.40  |          |
| PULL #4 | 2.60                | 2.45                        |                                   | 2.40  |          |
| PULL #5 | 2.67                | 2.43                        |                                   | 2.40  |          |
| TOTAL   | 13.11               | 12.36                       |                                   | 12.02 |          |
| AVERAGE | 2.62                | 2.47                        |                                   | 2.40  |          |

|         | 3.00 LBS<br>INITIAL | 3.00 LBS AFTER 20<br>CYCLES |  | COMMENTS |
|---------|---------------------|-----------------------------|--|----------|
| PULL #1 | 3.08                | 3.17                        |  |          |
| PULL #2 | 3.16                | 3.22                        |  |          |
| PULL #3 | 3.12                | 3.22                        |  |          |
| PULL #4 | 3.14                | 3.28                        |  |          |
| PULL #5 | 3.14                | 3.26                        |  |          |
| TOTAL   | 15.64               | 16.15                       |  |          |
| AVERAGE | 3.12                | 3.23                        |  |          |

|         | 4.00 LBS<br>INITIAL | 4.00 LBS AFTER 20<br>CYCLES | MAX SETTING GREATER<br>THAN 4 LBS | RESET TO 4 LBS FOR<br>TARGET & ACCURACY |
|---------|---------------------|-----------------------------|-----------------------------------|-----------------------------------------|
| PULL #1 | 4.12                | 3.95                        |                                   | 4.13                                    |
| PULL #2 | 4.16                | 3.92                        |                                   | 4.10                                    |
| PULL #3 | 4.27                | 4.02                        |                                   | 4.12                                    |
| PULL #4 | 4.10                | 4.03                        |                                   | 4.17                                    |
| PULL #5 | 4.13                | 4.09                        |                                   | 4.14                                    |
| TOTAL   | 20.78               | 20.01                       |                                   | 20.66                                   |
| AVERAGE | 4.15                | 4.00                        |                                   | 4.13                                    |

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6590073.\_\_\_0

FILE DATE AND TIME: 09/14/2006 05:52

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

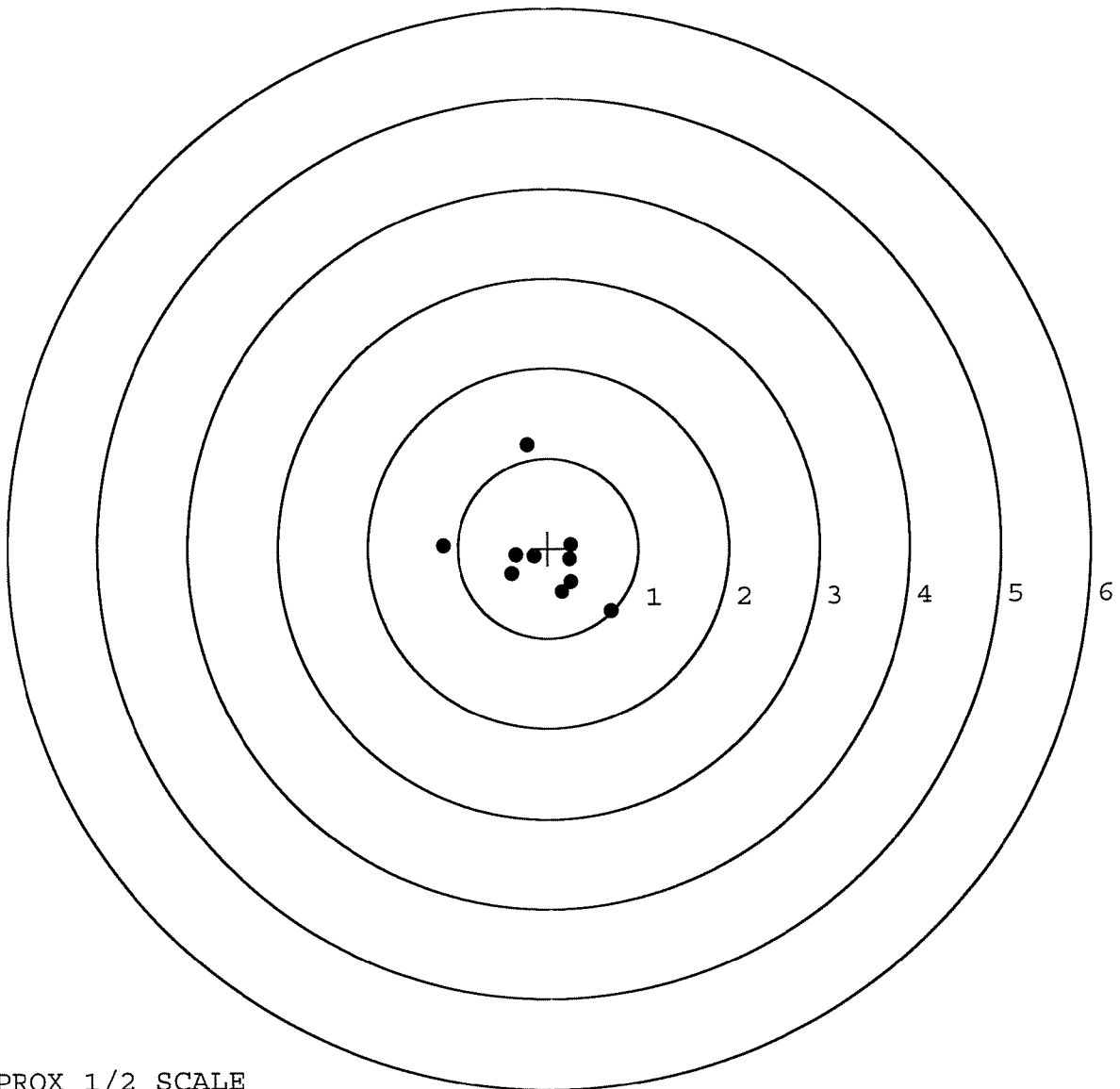
|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.007 |
| The Average Y Centroid of the Five Target Set:              | -0.036 |
| The Average Point of Impact of the Five Target Set:         | 0.036  |
| The Average Mean Radius of the Five Target Set:             | 0.730  |
| The Distance from POA to Centroid Target #1:                | 0.116  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.104  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.119  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.086  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.201  |

**BARBER - M24 0164162**

SERIAL NUMBER: G6590073. \_\_0  
TARGET NUMBER: 1  
FILE DATE: 09/14/2006  
FILE TIME: 05:52

|  | POINT# | X      | Y      |
|--|--------|--------|--------|
|  | 1:     | -0.225 | 1.150  |
|  | 2:     | -1.162 | 0.035  |
|  | 3:     | 0.695  | -0.710 |
|  | 4:     | 0.157  | -0.491 |
|  | 5:     | 0.254  | 0.035  |
|  | 6:     | -0.154 | -0.088 |
|  | 7:     | -0.405 | -0.283 |
|  | 8:     | -0.356 | -0.076 |
|  | 9:     | 0.258  | -0.376 |
|  | 10:    | 0.245  | -0.122 |

X CENTROID: -0.069  
Y CENTROID: -0.093  
POA TO CENTROID: 0.116  
HORZ SPREAD: 1.857  
VERT SPREAD: 1.860  
GROUP SPREAD: 2.075  
MIN RADIUS: 0.085  
MAX RADIUS: 1.252  
MEAN RADIUS: 0.565  
# IN 1 IN DIAMETER: 7  
# IN 2 IN DIAMETER: 8  
# in 3 IN DIAMETER: 10



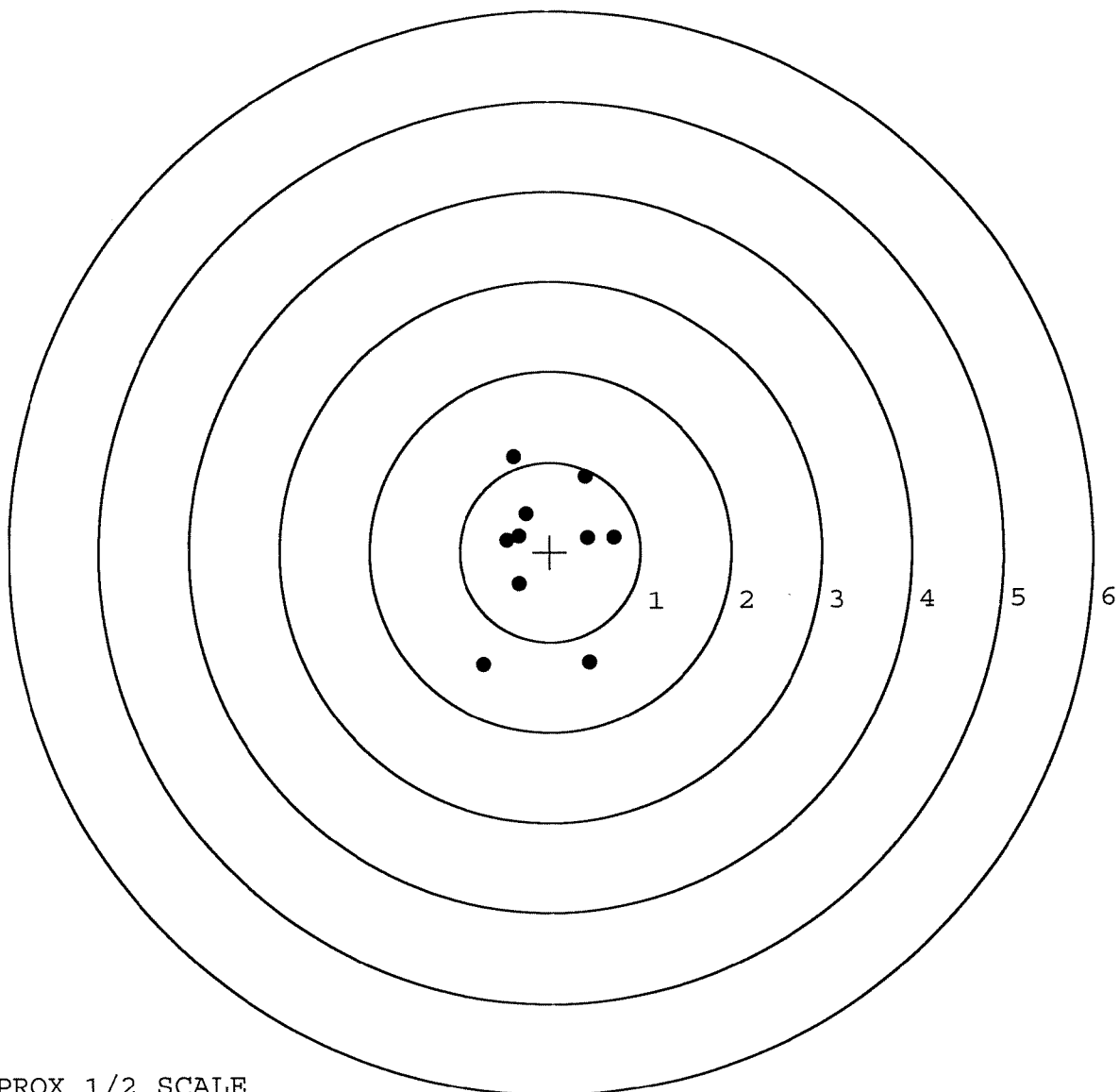
TARGET APPROX 1/2 SCALE

**BARBER - M24 0164163**

SERIAL NUMBER: G6590073. \_\_0  
TARGET NUMBER: 2  
FILE DATE: 09/14/2006  
FILE TIME: 05:52

X CENTROID: -0.060  
Y CENTROID: 0.011  
POA TO CENTROID: 0.061  
HORZ SPREAD: 1.455  
VERT SPREAD: 2.314  
GROUP SPREAD: 2.380  
MIN RADIUS: 0.328  
MAX RADIUS: 1.434  
MEAN RADIUS: 0.780  
# IN 1 IN DIAMETER: 4  
# IN 2 IN DIAMETER: 7  
# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.746 | -1.249 |
| 2:     | 0.438  | -1.232 |
| 3:     | -0.344 | -0.355 |
| 4:     | 0.709  | 0.158  |
| 5:     | 0.423  | 0.154  |
| 6:     | 0.401  | 0.836  |
| 7:     | -0.398 | 1.065  |
| 8:     | -0.265 | 0.422  |
| 9:     | -0.342 | 0.178  |
| 10:    | -0.476 | 0.129  |



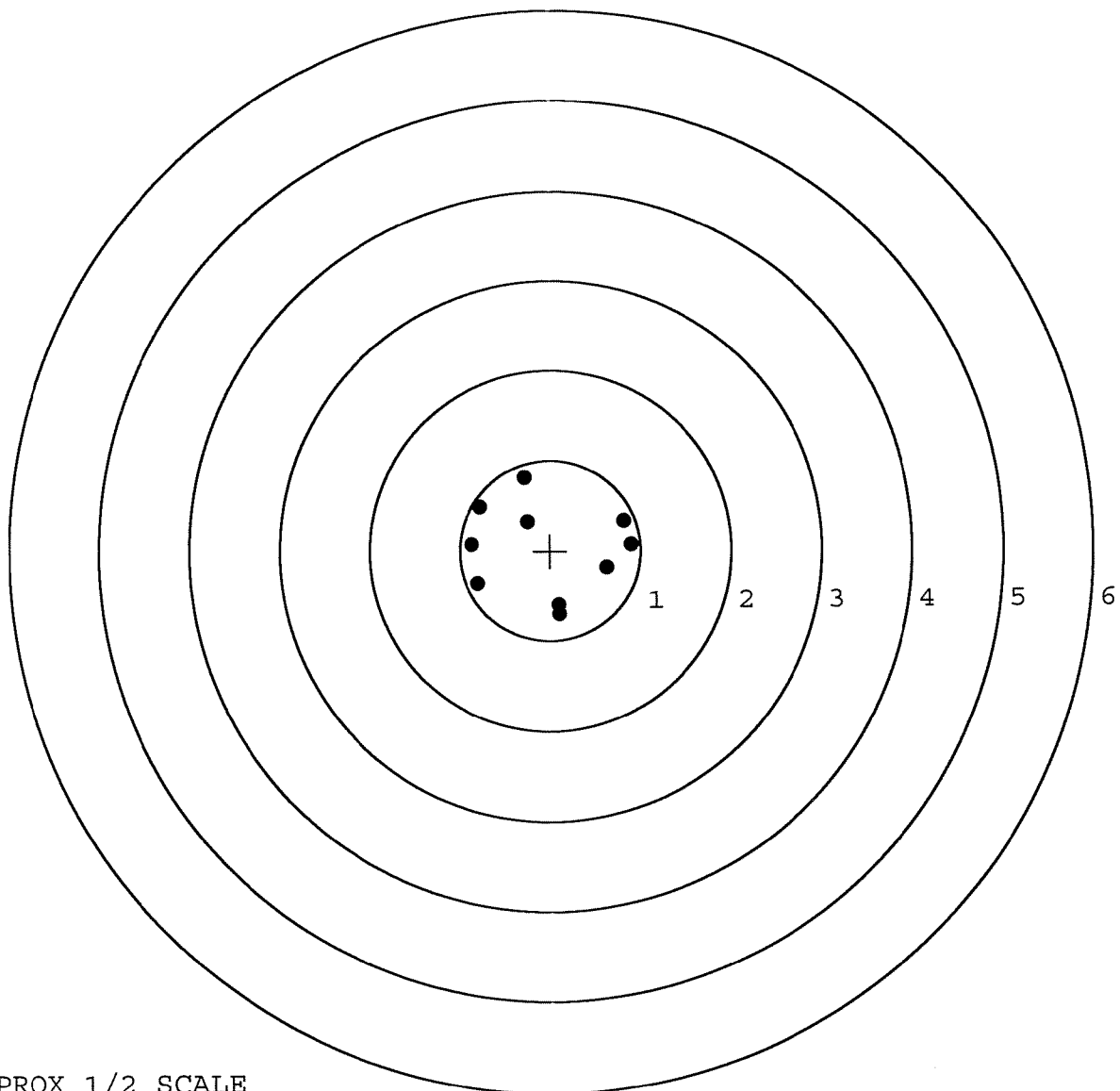
TARGET APPROX 1/2 SCALE

**BARBER - M24 0164164**

SERIAL NUMBER: G6590073. \_\_0  
TARGET NUMBER: 3  
FILE DATE: 09/14/2006  
FILE TIME: 05:52

X CENTROID: -0.043  
Y CENTROID: 0.023  
POA TO CENTROID: 0.049  
HORZ SPREAD: 1.773  
VERT SPREAD: 1.521  
GROUP SPREAD: 1.773  
MIN RADIUS: 0.365  
MAX RADIUS: 0.944  
MEAN RADIUS: 0.771  
# IN 1 IN DIAMETER: 1  
# IN 2 IN DIAMETER: 10  
# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.101  | -0.711 |
| 2:     | 0.630  | -0.188 |
| 3:     | 0.900  | 0.072  |
| 4:     | 0.820  | 0.331  |
| 5:     | -0.803 | -0.363 |
| 6:     | -0.873 | 0.075  |
| 7:     | -0.776 | 0.493  |
| 8:     | -0.283 | 0.810  |
| 9:     | -0.247 | 0.326  |
| 10:    | 0.099  | -0.610 |



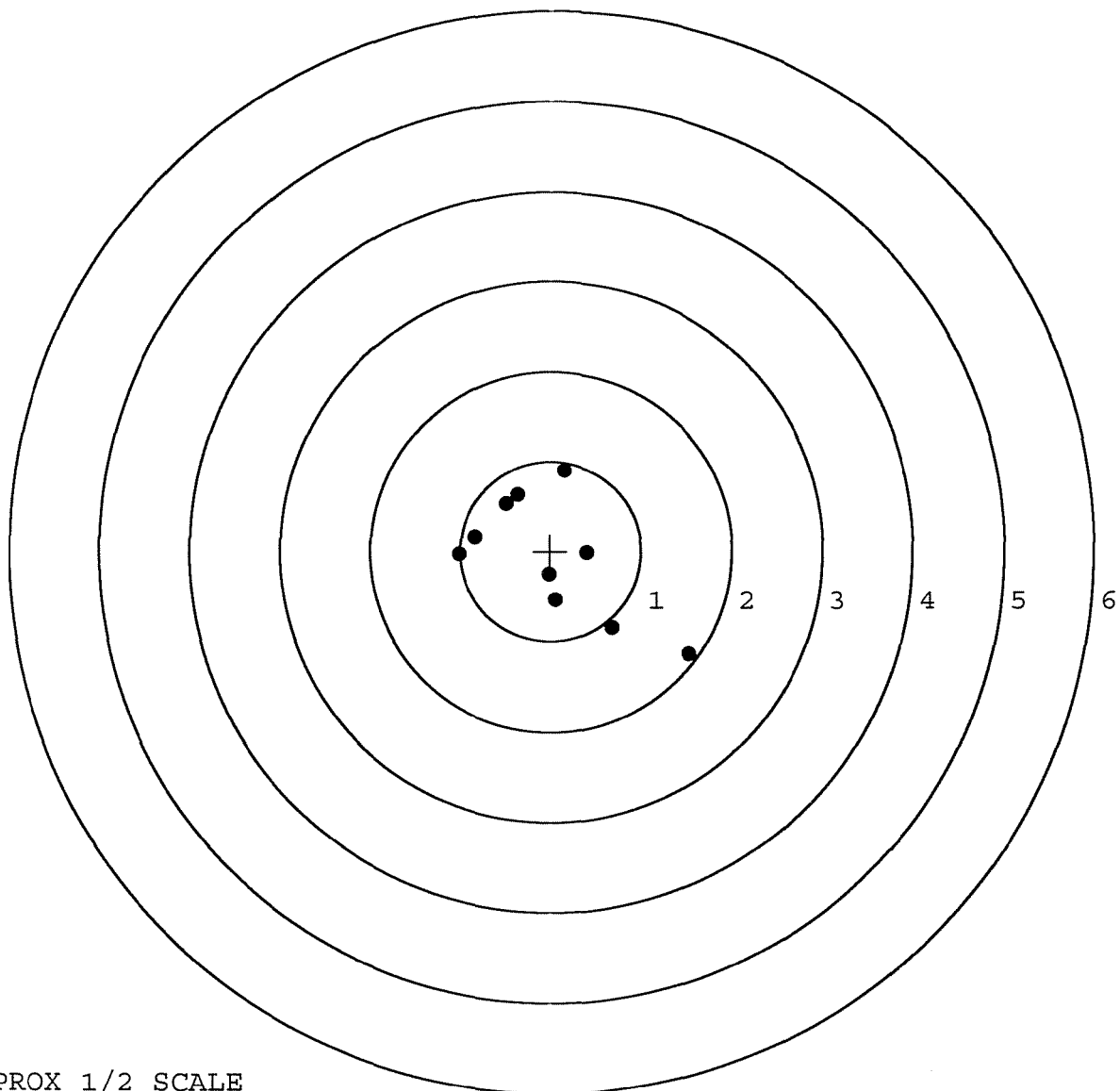
TARGET APPROX 1/2 SCALE

**BARBER - M24 0164165**

SERIAL NUMBER: G6590073. \_\_0  
TARGET NUMBER: 4  
FILE DATE: 09/14/2006  
FILE TIME: 05:52

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.528  | -1.144 |
| 2:     | 0.683  | -0.856 |
| 3:     | 0.057  | -0.547 |
| 4:     | -0.017 | -0.261 |
| 5:     | 0.408  | -0.017 |
| 6:     | 0.160  | 0.896  |
| 7:     | -0.361 | 0.627  |
| 8:     | -0.491 | 0.530  |
| 9:     | -0.837 | 0.157  |
| 10:    | -1.010 | -0.036 |

X CENTROID: 0.012  
Y CENTROID: -0.065  
POA TO CENTROID: 0.066  
HORZ SPREAD: 2.538  
VERT SPREAD: 2.040  
GROUP SPREAD: 2.769  
MIN RADIUS: 0.198  
MAX RADIUS: 1.861  
MEAN RADIUS: 0.842  
# IN 1 IN DIAMETER: 3  
# IN 2 IN DIAMETER: 7  
# in 3 IN DIAMETER: 9



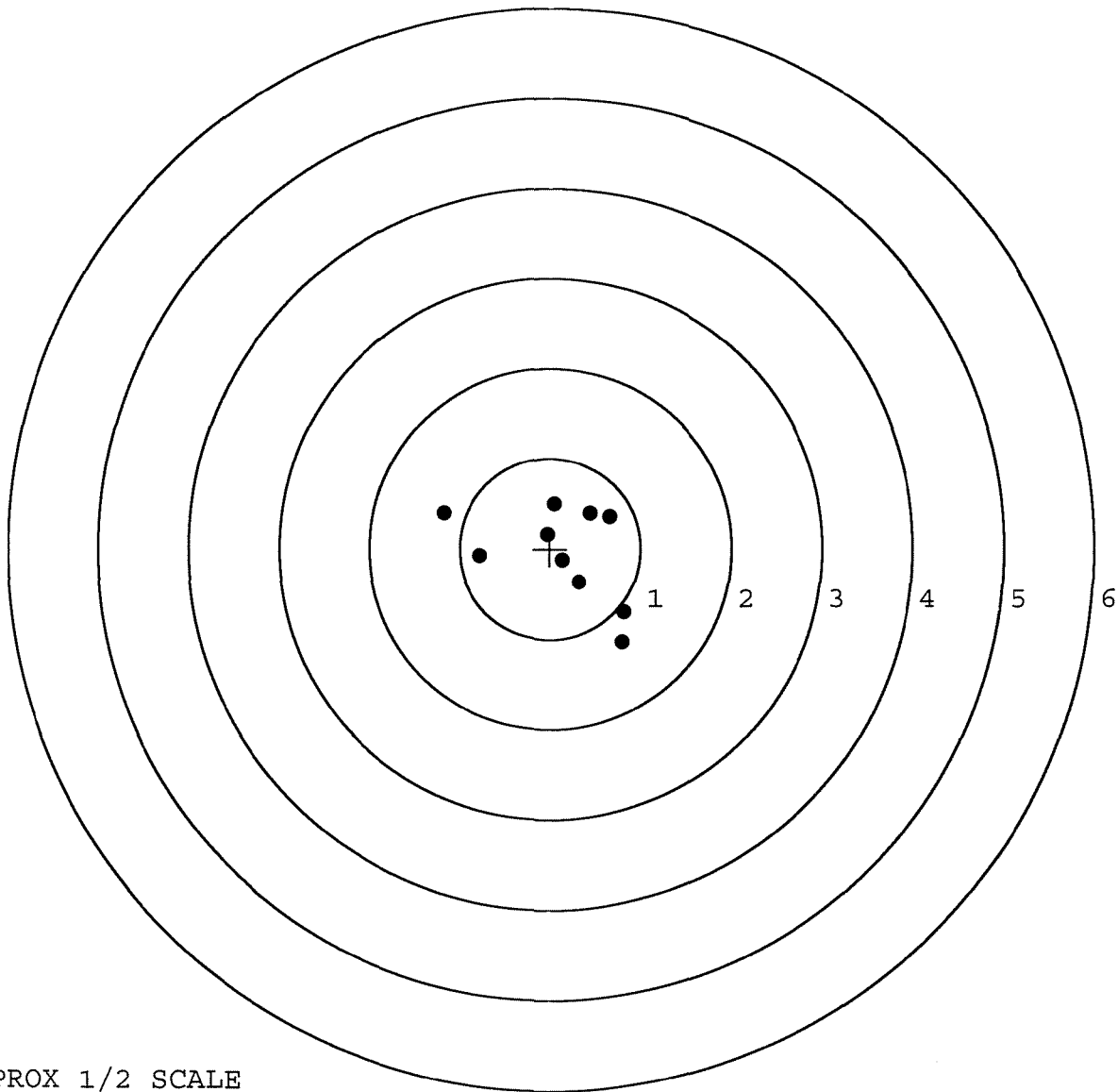
TARGET APPROX 1/2 SCALE

**BARBER - M24 0164166**

SERIAL NUMBER: G6590073. \_\_0  
TARGET NUMBER: 5  
FILE DATE: 09/14/2006  
FILE TIME: 05:52

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.805  | -1.039 |
| 2:     | 0.826  | -0.706 |
| 3:     | 0.323  | -0.368 |
| 4:     | 0.140  | -0.129 |
| 5:     | 0.665  | 0.353  |
| 6:     | 0.453  | 0.389  |
| 7:     | 0.049  | 0.491  |
| 8:     | -0.031 | 0.157  |
| 9:     | -0.777 | -0.083 |
| 10:    | -1.175 | 0.391  |

X CENTROID: 0.128  
Y CENTROID: -0.054  
POA TO CENTROID: 0.139  
HORZ SPREAD: 2.001  
VERT SPREAD: 1.530  
GROUP SPREAD: 2.442  
MIN RADIUS: 0.076  
MAX RADIUS: 1.377  
MEAN RADIUS: 0.692  
# IN 1 IN DIAMETER: 3  
# IN 2 IN DIAMETER: 8  
# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE