

6535321

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

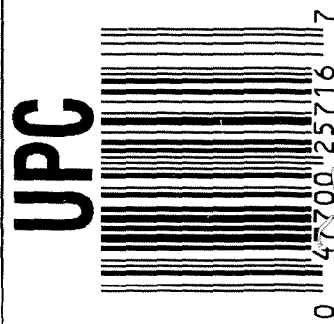
- INSTRUCTION BOOK 3518

DD FORM



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

G6535321



**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 # G6535321

| OP #         | OPERATION NAME                                                 | READINGS            | DATE     | INITIAL |
|--------------|----------------------------------------------------------------|---------------------|----------|---------|
| 410          | SERIALIZE BOLT HANDLE                                          |                     | 8-22-06  | RTZ     |
| 420          | ASSEMBLE ACTION                                                |                     | 8-22-06  | RTZ     |
| 430          | ASSEMBLE TO STOCK                                              |                     | 8-23-06  | RP      |
| 440          | PROOF                                                          |                     | 8-23-06  | TRW     |
| 460          | CHECK HEADSPACE                                                | INSPECTED           | 8-23-06  | TRW     |
| 470          | DIS-ASSEMBLE ACTION                                            | AUG 24 2006         | 8-23-06  | RTZ     |
| 480          | MAGNAFLUX BBL ACTION                                           | INSPECTED           | 8/24/06  | RTZ     |
| 490          | MAGNAFLUX BOLT                                                 |                     |          |         |
| 500          | ROLLMARK CALIBER                                               |                     | 8-24-06  | CW      |
| 510          | DRILL AND TAP<br>SIGHT HOLES                                   |                     | 8-23-06  | TRW     |
| 520          | GOFF BLAST BBL / REC                                           |                     | 8-25-06  | CB      |
| 530 &<br>540 | APPLY COATINGS<br>(BARREL ACTION)                              |                     |          |         |
|              | (BOLT)                                                         |                     | 8/30/06  | RTZ     |
| 560          | RE-ASSEMBLE ACTION                                             |                     |          |         |
|              | A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                            |                     | 9-1-06   | RTZ     |
|              | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD |                     | 9-1-06   | RTZ     |
|              | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                         |                     | 9-1-06   | RTZ     |
|              | D) OIL FIRING PIN ASSEMBLY                                     |                     | 9-1-06   | RTZ     |
|              | E) ADJUST TRIGGER PULL<br>TO MIN. SETTING AND<br>STAKE         | 2.50 LBS +/- .5 LBS | 10/12/06 | RTZ     |

F004 REV 5/2006

| OP #         | BARBER M24 0051002                                                    | READINGS                                  |      |      | DATE           | INITIAL       |
|--------------|-----------------------------------------------------------------------|-------------------------------------------|------|------|----------------|---------------|
| 560          | F) SAFETY ON FORCE                                                    | 2 LBS MIN<br>10 LBS MAX                   | 6.5  | 6.5  | 6.5 RA         | 9-5-06 RA     |
| CONT.        |                                                                       |                                           |      |      |                |               |
|              | G) SAFETY OFF FORCE                                                   | 2 LBS MIN                                 | 3.5  | 3.5  | 3.5            | 9-5-06 RA     |
|              | H) TRIGGER PULL TEST<br>AND RETAINABILITY                             |                                           |      |      |                | 10/12/06 nom  |
|              | I) FIRING PIN INDENT                                                  | .020 MIN                                  | .026 | .026 | .026           | 9-5-06 RA     |
|              | J) ASSEMBLE STOCK                                                     |                                           |      |      |                | 9-1-06 RTZ    |
|              | K) ASSEMBLE SWIVEL<br>STUDS                                           |                                           |      |      |                | 10/12/06 nom  |
|              | L) ATTACH FRONT AND<br>REAR SIGHT ASSY'S                              |                                           |      |      |                | 9-1-06 RTZ    |
|              | M) IRON SIGHT<br>ALIGNMENT                                            |                                           |      |      |                | 9-1-06 RTZ    |
|              | N) DETACH FRONT AND<br>REAR SIGHTS AND PLACE<br>IN NUMBERED CONTAINER |                                           |      |      |                | 9-1-06 RTZ    |
| 640 &<br>650 | FUNCTION TEST AND<br>TARGET                                           |                                           | PASS |      | FAIL           | 9-1-06 R.P.D. |
|              |                                                                       |                                           | PASS |      | FAIL           |               |
|              | MALFUNCTION                                                           | CORRECTION                                |      |      |                |               |
|              | MALFUNCTION                                                           | CORRECTION                                |      |      |                |               |
|              | MALFUNCTION                                                           | CORRECTION                                |      |      |                |               |
|              | MALFUNCTION                                                           | CORRECTION                                |      |      |                |               |
| 660          | INSPECT FOR LIVE AMMO                                                 |                                           |      |      |                | 9/1/06 M/A    |
| 670          | FINAL INSPECTION<br>A) HEADSPACE                                      |                                           |      |      |                | 10/12/06 nom  |
|              | B) TRIGGER PULL                                                       | +/- .5 LBS<br>MIN 2.50 LBS<br>MAX 4.0 LBS | 2.42 | 2.44 | 2.42 2.44 2.34 | 9-5-06 RA     |
|              | C) FUNCTION                                                           |                                           |      |      |                | 10/12/06 nom  |
| 690          | PACK                                                                  |                                           |      |      |                | 10-31-06 RA   |

F004 REV 5/2006

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 9-1-06

TESTER MTH

|         | 2.50 LBS<br>INITIAL | 2.50 LBS AFTER 50<br>CYCLES | FINAL TEST & TO RESET<br>2.50 LBS |       | COMMENTS |
|---------|---------------------|-----------------------------|-----------------------------------|-------|----------|
| PULL #1 | 2.51                | 2.51                        |                                   | 2.58  |          |
| PULL #2 | 2.47                | 2.49                        |                                   | 2.52  |          |
| PULL #3 | 2.40                | 2.44                        |                                   | 2.37  |          |
| PULL #4 | 2.50                | 2.45                        |                                   | 2.33  |          |
| PULL #5 | 2.71                | 2.55                        |                                   | 2.36  |          |
| TOTAL   | 12.59               | 12.44                       |                                   | 12.16 |          |
| AVERAGE | 2.52                | 2.49                        |                                   | 2.43  |          |

|         | 3.00 LBS<br>INITIAL | 3.00 LBS AFTER 20<br>CYCLES |  | COMMENTS |
|---------|---------------------|-----------------------------|--|----------|
| PULL #1 | 3.03                | 3.01                        |  |          |
| PULL #2 | 3.06                | 3.01                        |  |          |
| PULL #3 | 3.09                | 3.17                        |  |          |
| PULL #4 | 3.13                | 3.12                        |  |          |
| PULL #5 | 3.10                | 3.11                        |  |          |
| TOTAL   | 15.41               | 15.42                       |  |          |
| AVERAGE | 3.08                | 3.08                        |  |          |

|         | 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 | 4.07                | 3.95                        |                                   | 3.92                                    |
| PULL #2 | 3.90                | 4.05                        |                                   | 4.00                                    |
| PULL #3 | 3.94                | 4.12                        |                                   | 4.03                                    |
| PULL #4 | 3.99                | 3.85                        |                                   | 4.05                                    |
| PULL #5 | 4.01                | 4.09                        |                                   | 4.14                                    |
| TOTAL   | 19.91               | 20.06                       |                                   | 20.14                                   |
| AVERAGE | 3.98                | 4.01                        |                                   | 4.03                                    |

EVALUATION RECORD - M-24 TRIGGER ASSEMBLY

F005 REV 5/2006

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER  
KINZER V. REMINGTON

BARBER - M24 0091042

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6535321.\_\_\_0  
FILE DATE AND TIME: 09/01/2006 15:12

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

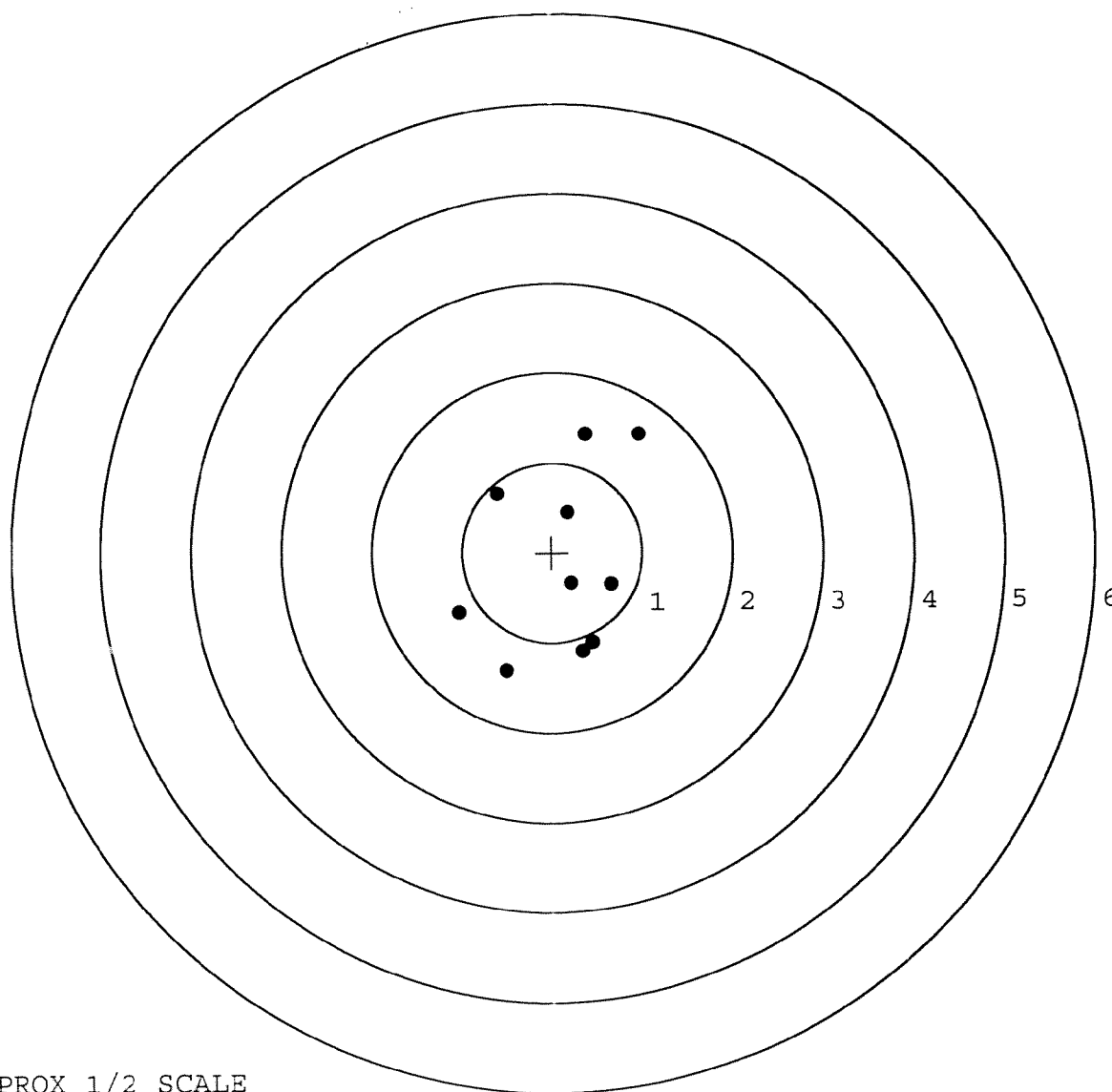
|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | 0.048  |
| The Average Y Centroid of the Five Target Set:              | -0.168 |
| The Average Point of Impact of the Five Target Set:         | 0.175  |
| The Average Mean Radius of the Five Target Set:             | 0.767  |
| The Distance from POA to Centroid Target #1:                | 0.146  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.423  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.286  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.194  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.425  |

# BARBER - M24 0091005

SERIAL NUMBER: G6535321. \_\_0  
 TARGET NUMBER: 1  
 FILE DATE: 09/01/2006  
 FILE TIME: 15:12

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -1.037 | -0.668 |
| 2:     | -0.507 | -1.315 |
| 3:     | 0.344  | -1.100 |
| 4:     | 0.659  | -0.354 |
| 5:     | 0.214  | -0.344 |
| 6:     | 0.176  | 0.452  |
| 7:     | 0.961  | 1.320  |
| 8:     | 0.376  | 1.316  |
| 9:     | -0.608 | 0.655  |
| 10:    | 0.451  | -1.000 |

X CENTROID: 0.103  
 Y CENTROID: -0.104  
 POA TO CENTROID: 0.146  
 HORZ SPREAD: 1.998  
 VERT SPREAD: 2.635  
 GROUP SPREAD: 3.016  
 MIN RADIUS: 0.265  
 MAX RADIUS: 1.662  
 MEAN RADIUS: 1.020  
 # IN 1 IN DIAMETER: 1  
 # IN 2 IN DIAMETER: 4  
 # in 3 IN DIAMETER: 9



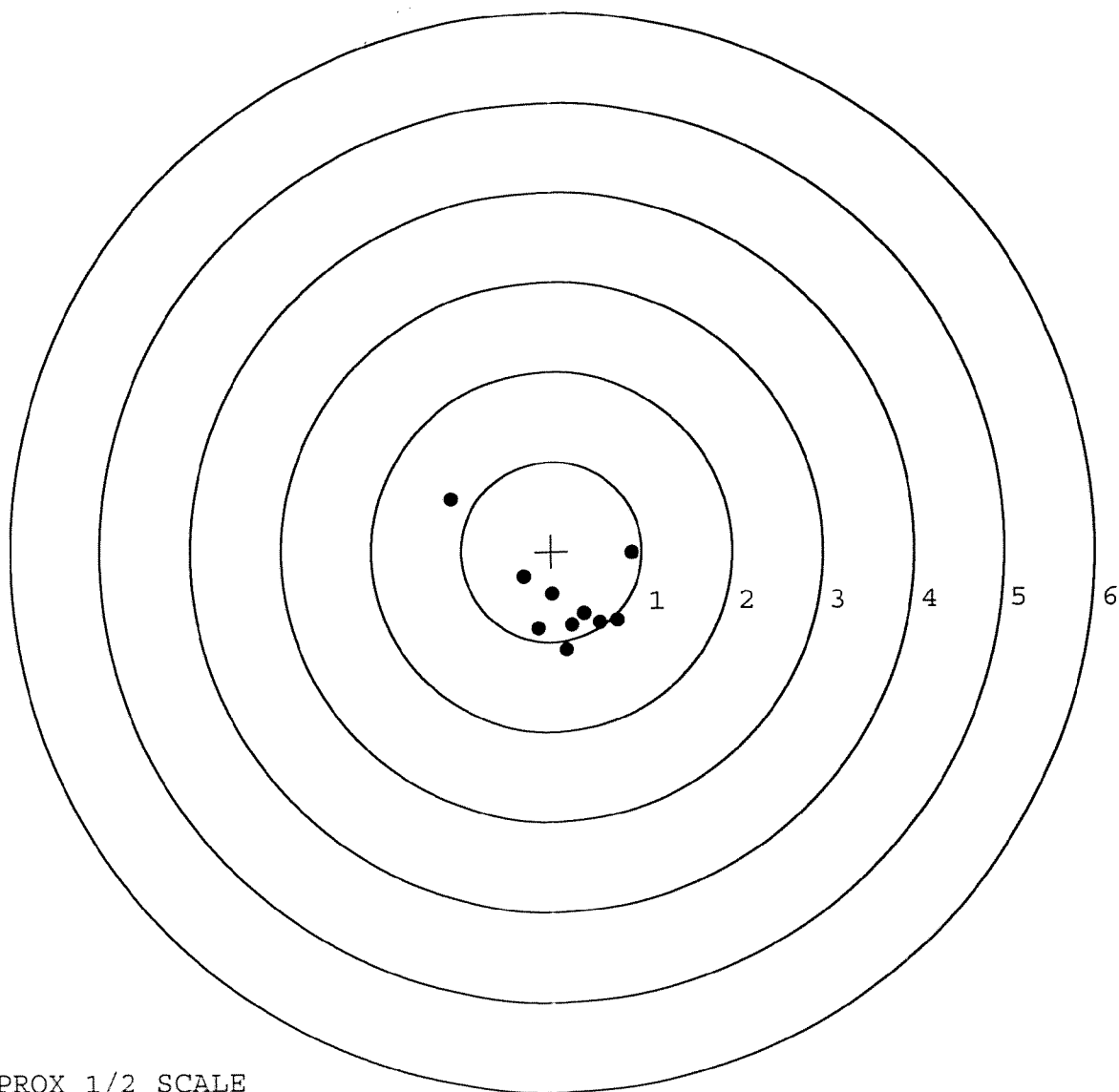
TARGET APPROX 1/2 SCALE

**BARBER - M24 0091006**

SERIAL NUMBER: G6535321. \_\_0  
 TARGET NUMBER: 2  
 FILE DATE: 09/01/2006  
 FILE TIME: 15:12

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -1.109 | 0.575  |
| 2:     | -0.309 | -0.283 |
| 3:     | 0.010  | -0.479 |
| 4:     | 0.892  | -0.022 |
| 5:     | 0.733  | -0.769 |
| 6:     | 0.534  | -0.797 |
| 7:     | 0.171  | -1.100 |
| 8:     | -0.152 | -0.860 |
| 9:     | 0.363  | -0.698 |
| 10:    | 0.233  | -0.821 |

X CENTROID: 0.137  
 Y CENTROID: -0.525  
 POA TO CENTROID: 0.543  
 HORZ SPREAD: 2.001  
 VERT SPREAD: 1.675  
 GROUP SPREAD: 2.280  
 MIN RADIUS: 0.135  
 MAX RADIUS: 1.662  
 MEAN RADIUS: 0.595  
 # IN 1 IN DIAMETER: 5  
 # IN 2 IN DIAMETER: 9  
 # in 3 IN DIAMETER: 9



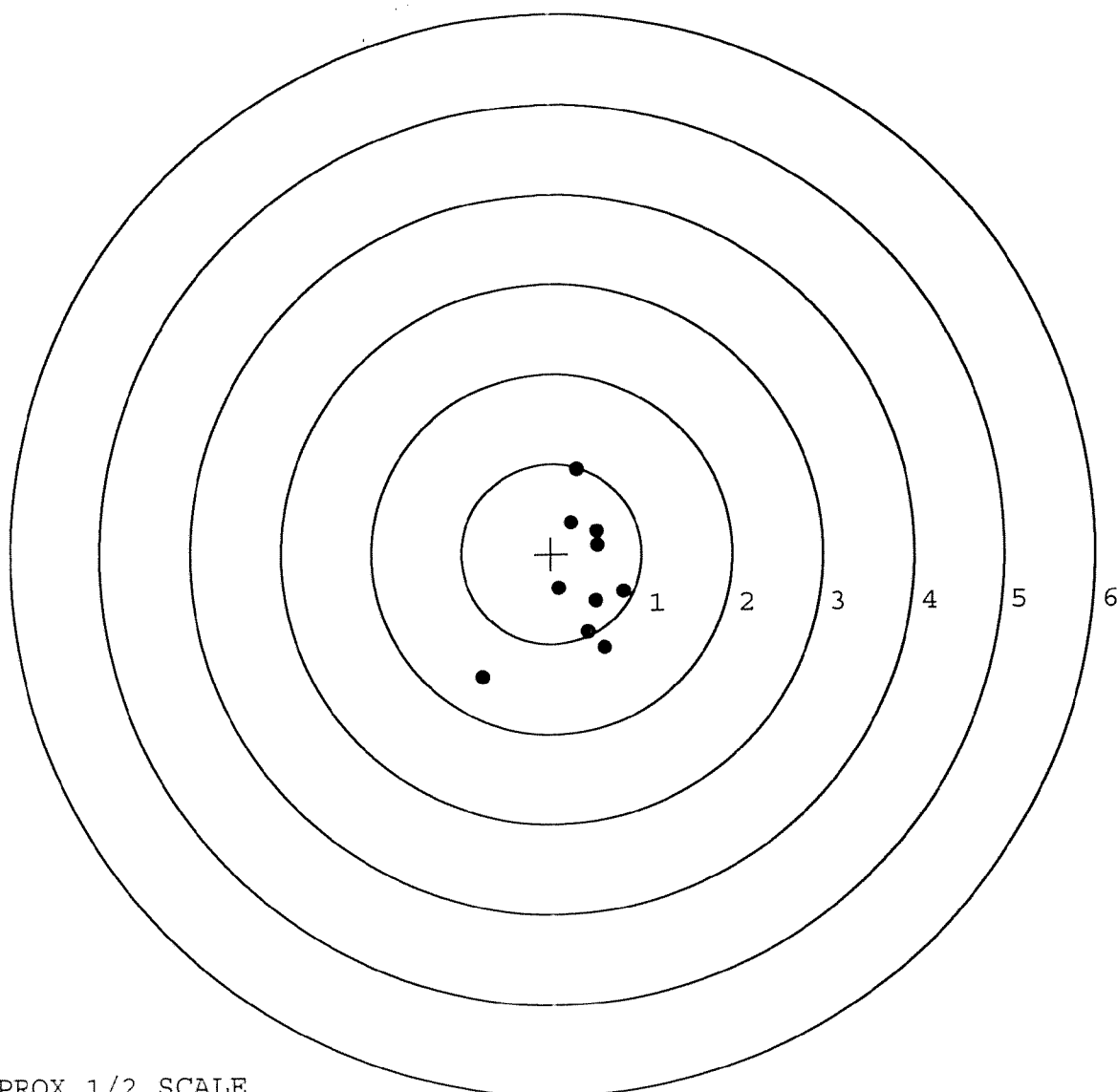
TARGET APPROX 1/2 SCALE

**BARBER - M24 0091007**

SERIAL NUMBER: G6535321. \_\_0  
TARGET NUMBER: 3  
FILE DATE: 09/01/2006  
FILE TIME: 15:12

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.771 | -1.368 |
| 2:     | 0.288  | 0.939  |
| 3:     | 0.223  | 0.340  |
| 4:     | 0.502  | 0.248  |
| 5:     | 0.507  | 0.095  |
| 6:     | 0.080  | -0.390 |
| 7:     | 0.492  | -0.527 |
| 8:     | 0.795  | -0.421 |
| 9:     | 0.401  | -0.877 |
| 10:    | 0.583  | -1.052 |

X CENTROID: 0.310  
Y CENTROID: -0.301  
POA TO CENTROID: 0.432  
HORZ SPREAD: 1.566  
VERT SPREAD: 2.307  
GROUP SPREAD: 2.538  
MIN RADIUS: 0.247  
MAX RADIUS: 1.519  
MEAN RADIUS: 0.685  
# IN 1 IN DIAMETER: 4  
# IN 2 IN DIAMETER: 8  
# in 3 IN DIAMETER: 9



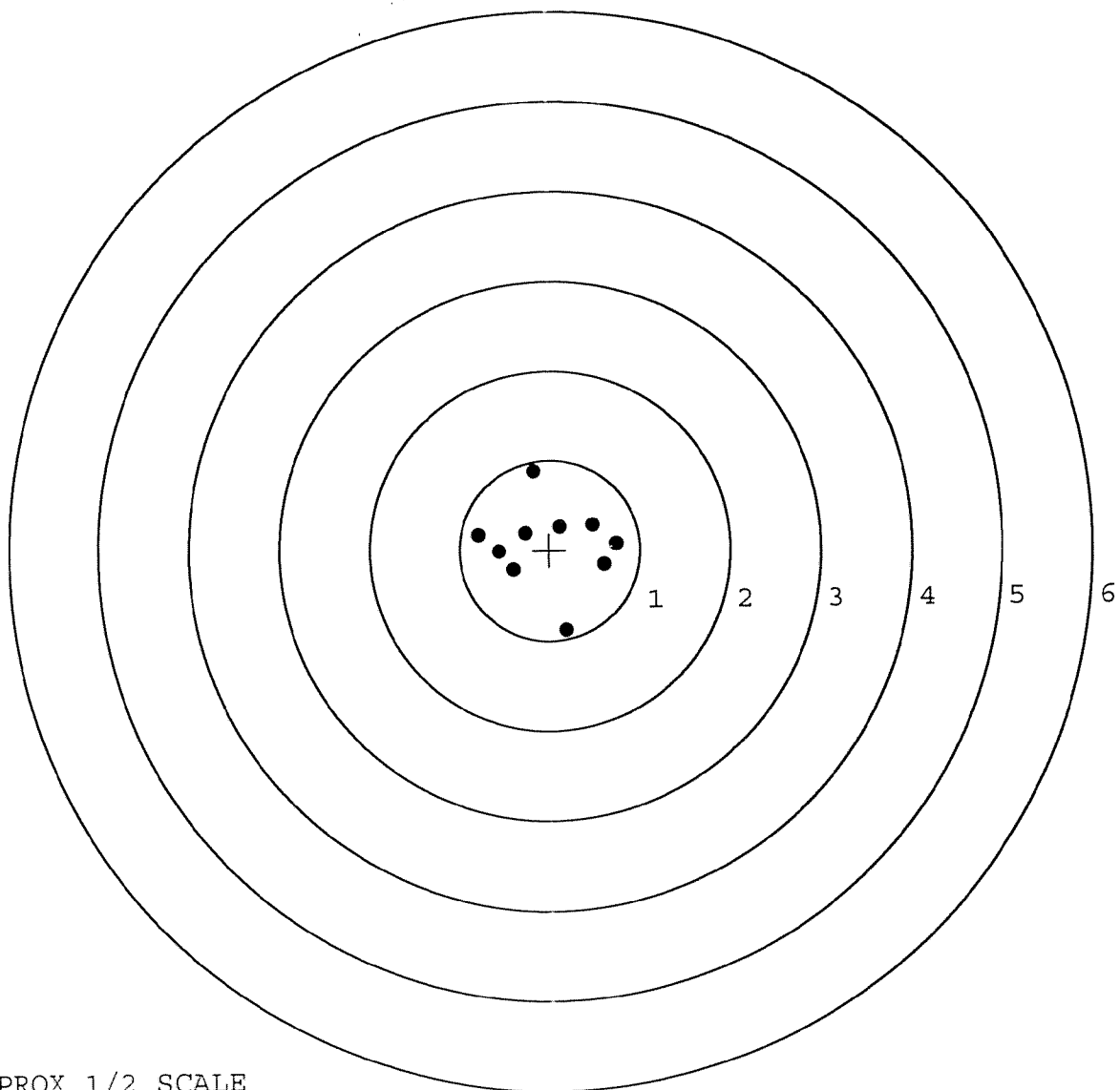
TARGET APPROX 1/2 SCALE

**BARBER - M24 0091008**

SERIAL NUMBER: G6535321. \_\_0  
 TARGET NUMBER: 4  
 FILE DATE: 09/01/2006  
 FILE TIME: 15:12

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.185  | -0.891 |
| 2:     | 0.603  | -0.163 |
| 3:     | 0.737  | 0.071  |
| 4:     | -0.174 | 0.878  |
| 5:     | -0.789 | 0.169  |
| 6:     | -0.403 | -0.219 |
| 7:     | -0.564 | -0.016 |
| 8:     | -0.269 | 0.193  |
| 9:     | 0.118  | 0.257  |
| 10:    | 0.478  | 0.276  |

X CENTROID: -0.008  
 Y CENTROID: 0.055  
 POA TO CENTROID: 0.056  
 HORZ SPREAD: 1.526  
 VERT SPREAD: 1.769  
 GROUP SPREAD: 1.805  
 MIN RADIUS: 0.238  
 MAX RADIUS: 0.966  
 MEAN RADIUS: 0.610  
 # IN 1 IN DIAMETER: 3  
 # IN 2 IN DIAMETER: 10  
 # in 3 IN DIAMETER: 10



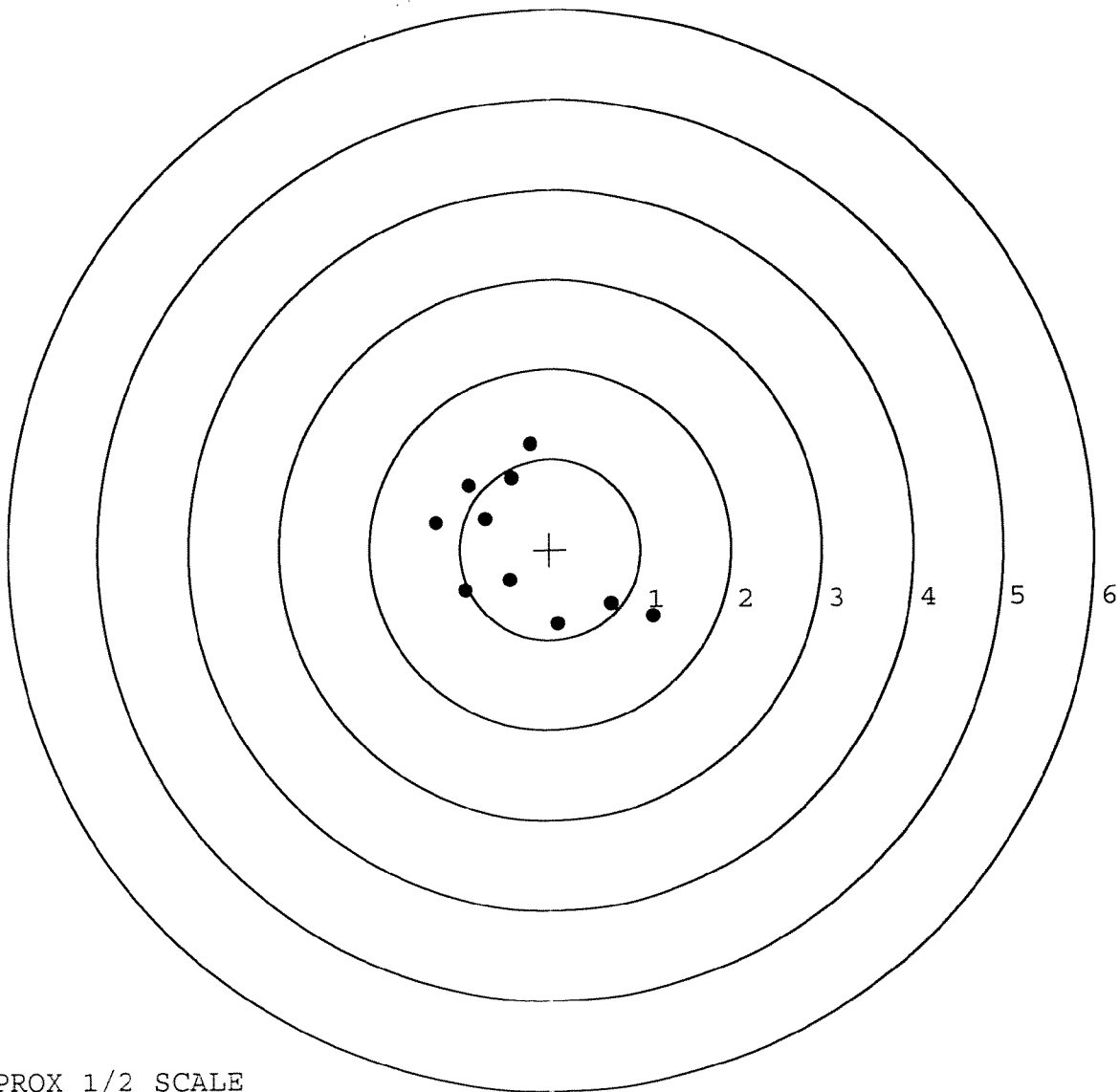
TARGET APPROX 1/2 SCALE

**BARBER - M24 0091009**

SERIAL NUMBER: G6535321. \_\_0  
 TARGET NUMBER: 5  
 FILE DATE: 09/01/2006  
 FILE TIME: 15:12

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.137  | -0.742 |
| 2:     | 0.676  | -0.602 |
| 3:     | 0.091  | -0.832 |
| 4:     | -0.442 | -0.337 |
| 5:     | -0.934 | -0.459 |
| 6:     | -1.265 | 0.294  |
| 7:     | -0.898 | 0.708  |
| 8:     | -0.215 | 1.167  |
| 9:     | -0.426 | 0.797  |
| 10:    | -0.717 | 0.341  |

X CENTROID: -0.299  
 Y CENTROID: 0.033  
 POA TO CENTROID: 0.301  
 HORZ SPREAD: 2.402  
 VERT SPREAD: 1.999  
 GROUP SPREAD: 2.616  
 MIN RADIUS: 0.397  
 MAX RADIUS: 1.632  
 MEAN RADIUS: 0.928  
 # IN 1 IN DIAMETER: 1  
 # IN 2 IN DIAMETER: 6  
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE