

G 659 1567

**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



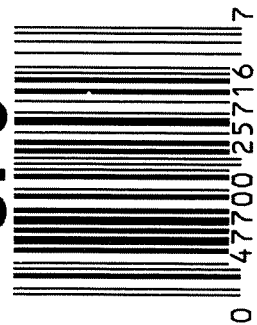
**ORDER NO. 25716**

**BARREL LENGTH 24"**

**CAPACITY 6**

**G6591567**

**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 # G 6591567

| OP #         | OPERATION NAME                                                                                                                         | READINGS             | DATE    | INITIAL |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------|---------|
| 410          | SERIALIZE BOLT HANDLE                                                                                                                  |                      | 9-12-06 | RTZ     |
| 420          | ASSEMBLE ACTION                                                                                                                        |                      | 9-20-06 | RTZ     |
| 430          | ASSEMBLE TO STOCK                                                                                                                      |                      | 9-21-06 | RP      |
| 440          | PROOF                                                                                                                                  | MAGNA-FLUX           | 9-21-06 | TRW     |
| 460          | CHECK HEADSPACE                                                                                                                        | INSPECTED            | 9-21-06 | TRW     |
| 470          | DIS-ASSEMBLE ACTION                                                                                                                    | SEP 22 2006          | 9-21-06 | RTZ     |
| 480          | MAGNAFLUX BBL ACTION                                                                                                                   | OPERATOR <u>CIPD</u> | 9-22-06 | APD     |
| 490          | MAGNAFLUX BOLT                                                                                                                         |                      |         |         |
| 500          | ROLLMARK CALIBER                                                                                                                       |                      | 9-22-06 | CW      |
| 510          | DRILL AND TAP<br>SIGHT HOLES                                                                                                           |                      | 9-21-06 | TRW     |
| 520          | GOFF BLAST BBL / REC                                                                                                                   |                      | 9-22-06 | CB      |
| 530 &<br>540 | APPLY COATINGS<br>(BARREL ACTION)                                                                                                      |                      | 9/25    | HP      |
|              | (BOLT)                                                                                                                                 |                      |         |         |
| 560          | RE-ASSEMBLE ACTION                                                                                                                     |                      |         |         |
|              | A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                                                                                                    |                      | 9-26-06 | IGA     |
|              | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD                                                                         |                      | 9-26-06 | IGA     |
|              | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                                                                                                 |                      | 9-26-06 | IGA     |
|              | D) OIL FIRING PIN ASSEMBLY                                                                                                             |                      | 9-27-06 | 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 NAME                                                        |                                           | READINGS             |                      |                      | DATE        | INITIAL     |         |     |
|--------------|-----------------------------------------------------------------------|-------------------------------------------|----------------------|----------------------|----------------------|-------------|-------------|---------|-----|
| 560          | F) SAFETY ON FORCE                                                    | 2 LBS MIN<br>10 LBS MAX                   | <u>8<sup>2</sup></u> | <u>8<sup>2</sup></u> | <u>8<sup>2</sup></u> | 10-3-06     | SD          |         |     |
| CONT.        |                                                                       |                                           |                      |                      |                      |             |             |         |     |
|              | G) SAFETY OFF FORCE                                                   | 2 LBS MIN                                 | <u>5<sup>2</sup></u> | <u>5<sup>2</sup></u> | <u>5<sup>2</sup></u> | 10-3-06     | SD          |         |     |
|              | H) TRIGGER PULL TEST<br>AND RETAINABILITY                             |                                           |                      |                      |                      |             |             |         |     |
|              | I) FIRING PIN INDENT                                                  | .020 MIN                                  | <u>.026</u>          | <u>.026</u>          | <u>.025</u>          | 10-3-06     | SD          |         |     |
|              | J) ASSEMBLE STOCK                                                     |                                           |                      |                      |                      | 9-27-06     | BLG         |         |     |
|              | K) ASSEMBLE SWIVEL<br>STUDS                                           |                                           |                      |                      |                      | 11-8-06     | RTZ         |         |     |
|              | L) ATTACH FRONT AND<br>REAR SIGHT ASSY'S                              |                                           |                      |                      |                      | 9-27-06     | BLG         |         |     |
|              | M) IRON SIGHT<br>ALIGNMENT                                            |                                           |                      |                      |                      | 9-27-06     | BLG         |         |     |
|              | N) DETACH FRONT AND<br>REAR SIGHTS AND PLACE<br>IN NUMBERED CONTAINER |                                           |                      |                      |                      | 9-27-06     | BLG         |         |     |
| 640 &<br>650 | FUNCTION TEST AND<br>TARGET                                           |                                           | <u>PASS</u>          | FAIL                 |                      |             |             |         |     |
|              |                                                                       |                                           | <u>PASS</u>          | FAIL                 |                      | 9-28-06     | WJH         |         |     |
|              | MALFUNCTION                                                           | only 8 clicks<br>to right                 |                      |                      |                      |             |             |         |     |
|              |                                                                       | CORRECTION                                |                      |                      |                      |             |             |         |     |
|              | MALFUNCTION                                                           |                                           |                      |                      |                      |             |             |         |     |
|              |                                                                       | CORRECTION                                |                      |                      |                      |             |             |         |     |
|              | MALFUNCTION                                                           |                                           |                      |                      |                      |             |             |         |     |
|              |                                                                       | CORRECTION                                |                      |                      |                      |             |             |         |     |
|              | MALFUNCTION                                                           |                                           |                      |                      |                      |             |             |         |     |
|              |                                                                       | CORRECTION                                |                      |                      |                      |             |             |         |     |
| 660          | INSPECT FOR LIVE AMMO                                                 |                                           |                      |                      |                      | 9-28-06     | BD          |         |     |
| 670          | FINAL INSPECTION<br>A) HEADSPACE                                      |                                           |                      |                      |                      | 11-8-06     | RTZ         |         |     |
|              | B) TRIGGER PULL                                                       | +/- .5 LBS<br>MIN 2.50 LBS<br>MAX 4.0 LBS | <u>2.44</u>          | <u>2.49</u>          | <u>2.44</u>          | <u>2.60</u> | <u>2.56</u> | 10-3-06 | WJA |
|              | C) FUNCTION                                                           |                                           |                      |                      |                      | 11-8-06     | RTZ         |         |     |
| 690          | PACK                                                                  |                                           |                      |                      |                      | 11/9/06     | DA          |         |     |

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 9-26-06

TESTER mm

|         | 2.50 LBS<br>INITIAL | 2.50 LBS AFTER 50<br>CYCLES | FINAL TEST & TO RESET<br>2.50 LBS |       | COMMENTS |
|---------|---------------------|-----------------------------|-----------------------------------|-------|----------|
| PULL #1 | 2.45                | 2.57                        |                                   | 2.45  |          |
| PULL #2 | 2.38                | 2.63                        |                                   | 2.53  |          |
| PULL #3 | 2.47                | 2.79                        |                                   | 2.56  |          |
| PULL #4 | 2.40                | 2.66                        |                                   | 2.57  |          |
| PULL #5 | 2.38                | 2.74                        |                                   | 2.53  |          |
| TOTAL   | 12.08               | 13.31                       |                                   | 12.64 |          |
| AVERAGE | 2.42                | 2.68                        |                                   | 2.53  |          |

|         | 3.00 LBS<br>INITIAL | 3.00 LBS AFTER 20<br>CYCLES |  | COMMENTS |
|---------|---------------------|-----------------------------|--|----------|
| PULL #1 | 2.91                | 3.09                        |  |          |
| PULL #2 | 3.02                | 2.97                        |  |          |
| PULL #3 | 3.02                | 2.91                        |  |          |
| PULL #4 | 3.15                | 3.01                        |  |          |
| PULL #5 | 3.08                | 3.05                        |  |          |
| TOTAL   | 15.18               | 15.03                       |  |          |
| AVERAGE | 3.04                | 3.01                        |  |          |

|         | 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 | 3.99                | 4.01                        |                                   | 3.85                                    |
| PULL #2 | 3.90                | 3.76                        |                                   | 3.85                                    |
| PULL #3 | 3.98                | 3.78                        |                                   | 3.89                                    |
| PULL #4 | 3.91                | 3.81                        |                                   | 3.89                                    |
| PULL #5 | 3.96                | 3.88                        |                                   | 3.93                                    |
| TOTAL   | 19.74               | 19.24                       |                                   | 19.41                                   |
| AVERAGE | 3.95                | 3.85                        |                                   | 3.88                                    |

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6591567.\_\_\_0  
FILE DATE AND TIME: 09/28/2006 23:43

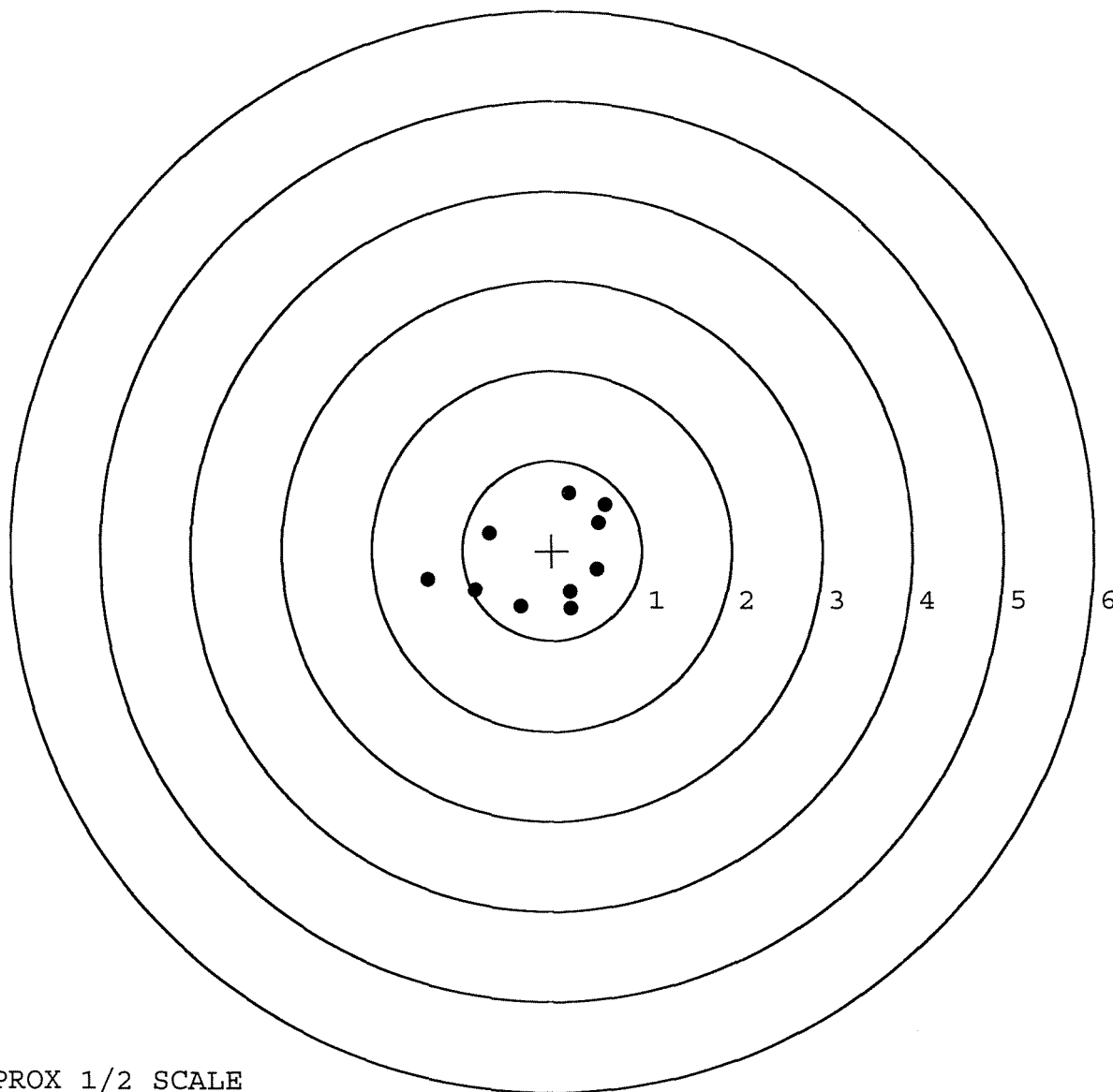
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.092 |
| The Average Y Centroid of the Five Target Set:              | -0.071 |
| The Average Point of Impact of the Five Target Set:         | 0.117  |
| The Average Mean Radius of the Five Target Set:             | 0.623  |
| The Distance from POA to Centroid Target #1:                | 0.152  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.146  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.113  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.109  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.293  |

SERIAL NUMBER: G6591567. \_\_0  
TARGET NUMBER: 1  
FILE DATE: 09/28/2006  
FILE TIME: 23:43

X CENTROID: -0.105  
Y CENTROID: -0.110  
POA TO CENTROID: 0.152  
HORZ SPREAD: 1.977  
VERT SPREAD: 1.293  
GROUP SPREAD: 2.151  
MIN RADIUS: 0.470  
MAX RADIUS: 1.299  
MEAN RADIUS: 0.757  
# IN 1 IN DIAMETER: 1  
# IN 2 IN DIAMETER: 9  
# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -1.384 | -0.339 |
| 2:     | -0.854 | -0.453 |
| 3:     | -0.344 | -0.629 |
| 4:     | 0.218  | -0.650 |
| 5:     | 0.207  | -0.461 |
| 6:     | 0.503  | -0.216 |
| 7:     | 0.519  | 0.310  |
| 8:     | 0.593  | 0.509  |
| 9:     | 0.190  | 0.643  |
| 10:    | -0.697 | 0.187  |

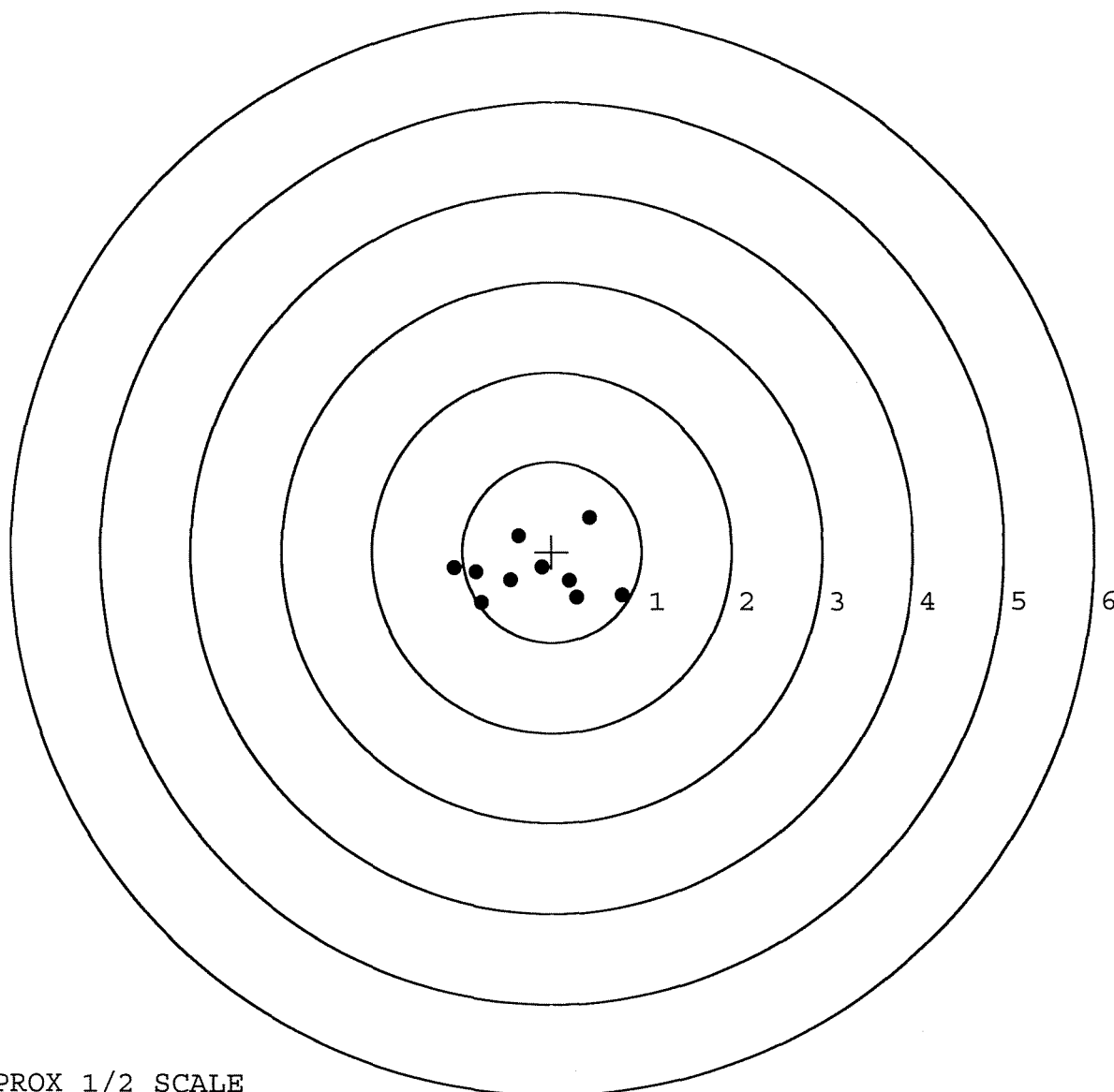


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6591567. \_\_0  
TARGET NUMBER: 2  
FILE DATE: 09/28/2006  
FILE TIME: 23:43

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -1.088 | -0.181 |
| 2:     | -0.847 | -0.222 |
| 3:     | -0.792 | -0.565 |
| 4:     | -0.466 | -0.319 |
| 5:     | -0.110 | -0.178 |
| 6:     | -0.371 | 0.180  |
| 7:     | 0.274  | -0.508 |
| 8:     | 0.198  | -0.320 |
| 9:     | 0.786  | -0.480 |
| 10:    | 0.415  | 0.386  |

X CENTROID: -0.200  
Y CENTROID: -0.221  
POA TO CENTROID: 0.298  
HORZ SPREAD: 1.874  
VERT SPREAD: 0.951  
GROUP SPREAD: 1.898  
MIN RADIUS: 0.100  
MAX RADIUS: 1.020  
MEAN RADIUS: 0.589  
# IN 1 IN DIAMETER: 4  
# IN 2 IN DIAMETER: 9  
# in 3 IN DIAMETER: 10

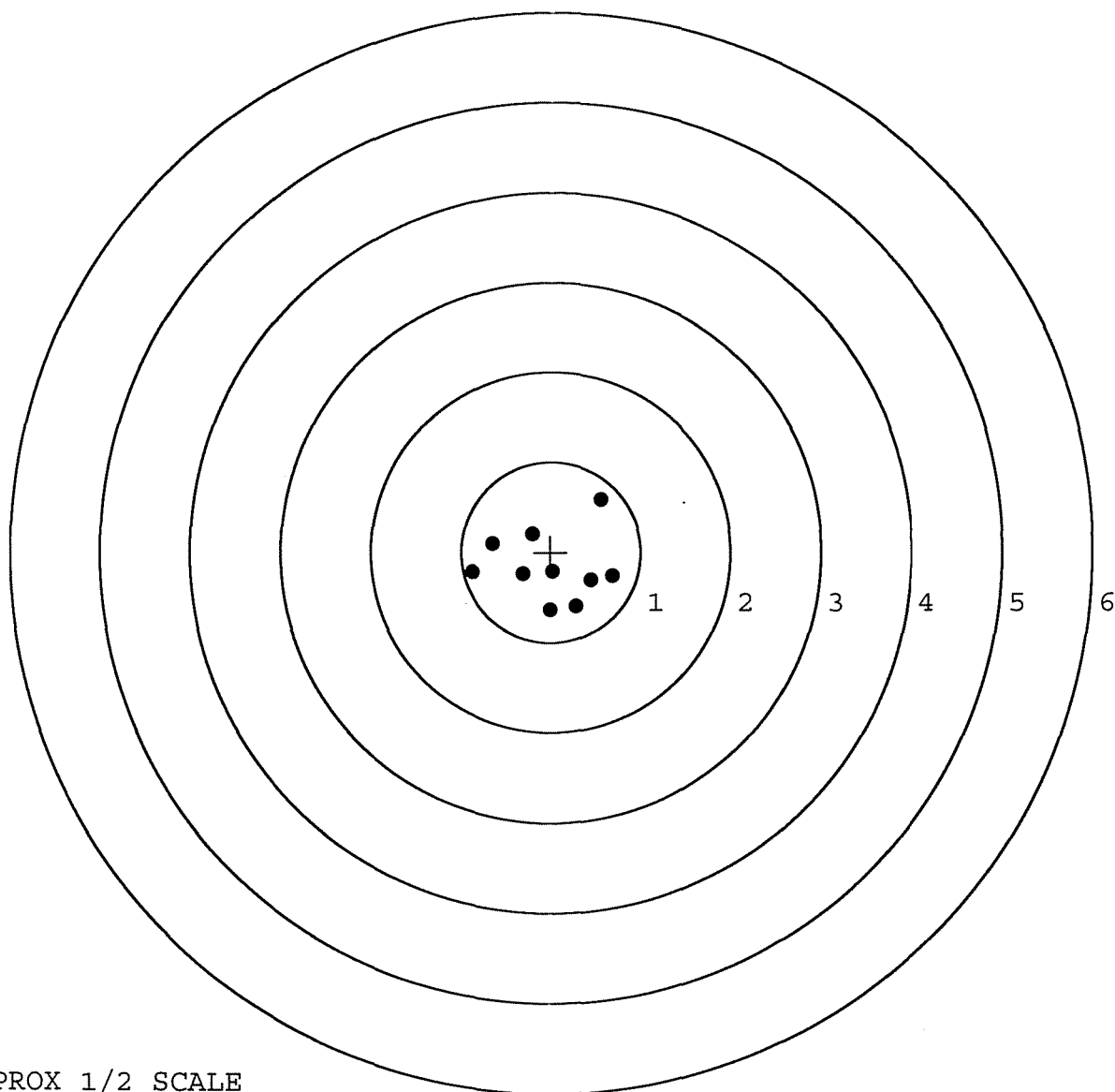


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6591567. \_\_0  
TARGET NUMBER: 3  
FILE DATE: 09/28/2006  
FILE TIME: 23:43

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.012 | -0.641 |
| 2:     | 0.280  | -0.604 |
| 3:     | 0.451  | -0.307 |
| 4:     | 0.693  | -0.264 |
| 5:     | 0.557  | 0.582  |
| 6:     | -0.876 | -0.222 |
| 7:     | -0.648 | 0.094  |
| 8:     | -0.202 | 0.204  |
| 9:     | -0.310 | -0.243 |
| 10:    | 0.025  | -0.215 |

X CENTROID: -0.004  
Y CENTROID: -0.162  
POA TO CENTROID: 0.162  
HORZ SPREAD: 1.569  
VERT SPREAD: 1.223  
GROUP SPREAD: 1.643  
MIN RADIUS: 0.061  
MAX RADIUS: 0.932  
MEAN RADIUS: 0.548  
# IN 1 IN DIAMETER: 5  
# IN 2 IN DIAMETER: 10  
# in 3 IN DIAMETER: 10

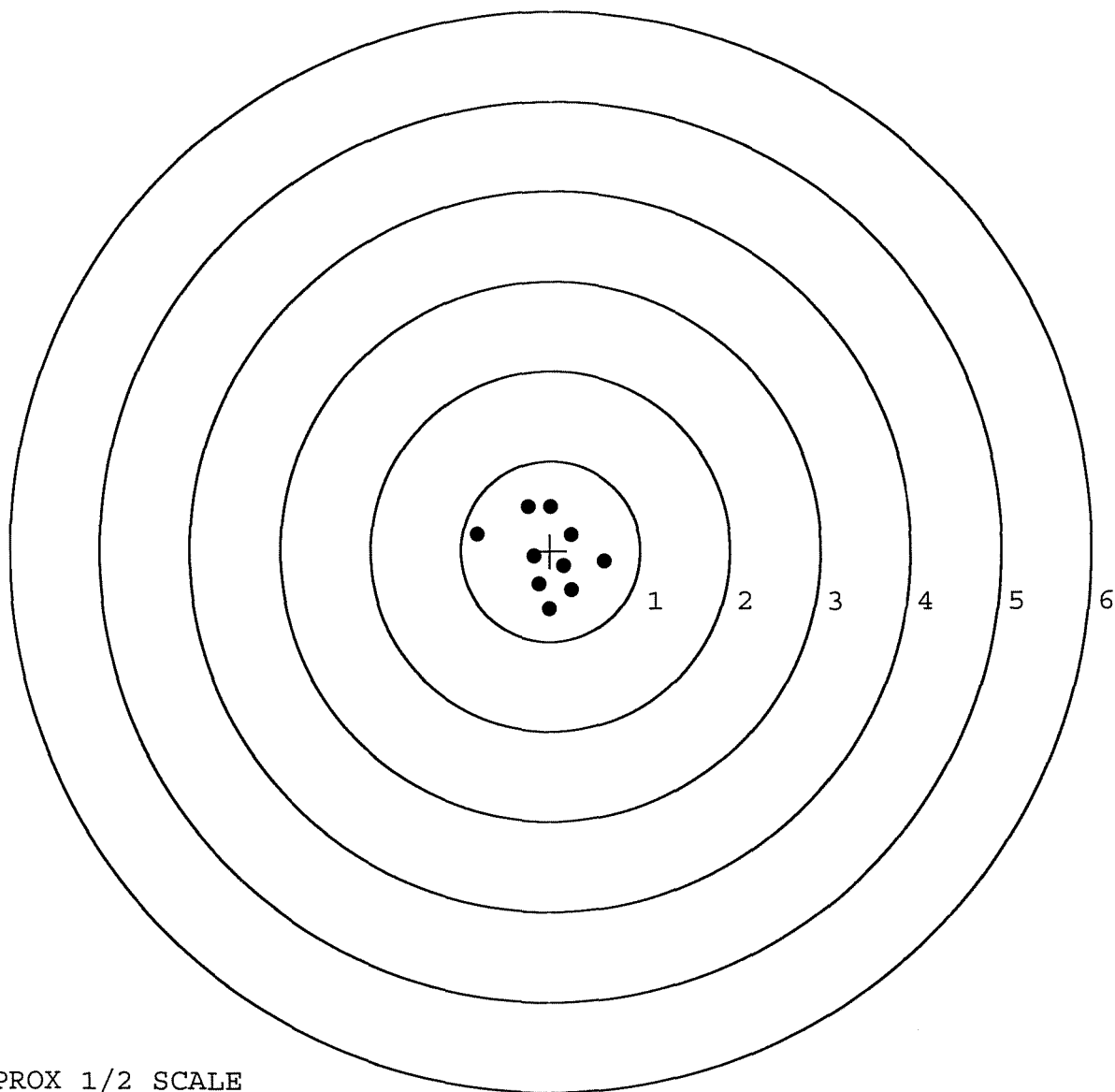


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6591567. 0  
TARGET NUMBER: 4  
FILE DATE: 09/28/2006  
FILE TIME: 23:43

X CENTROID: -0.017  
Y CENTROID: -0.045  
POA TO CENTROID: 0.049  
HORZ SPREAD: 1.414  
VERT SPREAD: 1.134  
GROUP SPREAD: 1.445  
MIN RADIUS: 0.170  
MAX RADIUS: 0.829  
MEAN RADIUS: 0.469  
# IN 1 IN DIAMETER: 5  
# IN 2 IN DIAMETER: 10  
# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.814 | 0.183  |
| 2:     | -0.251 | 0.491  |
| 3:     | -0.003 | 0.489  |
| 4:     | 0.600  | -0.115 |
| 5:     | 0.235  | 0.179  |
| 6:     | -0.186 | -0.064 |
| 7:     | 0.149  | -0.171 |
| 8:     | 0.236  | -0.434 |
| 9:     | -0.132 | -0.369 |
| 10:    | -0.009 | -0.643 |

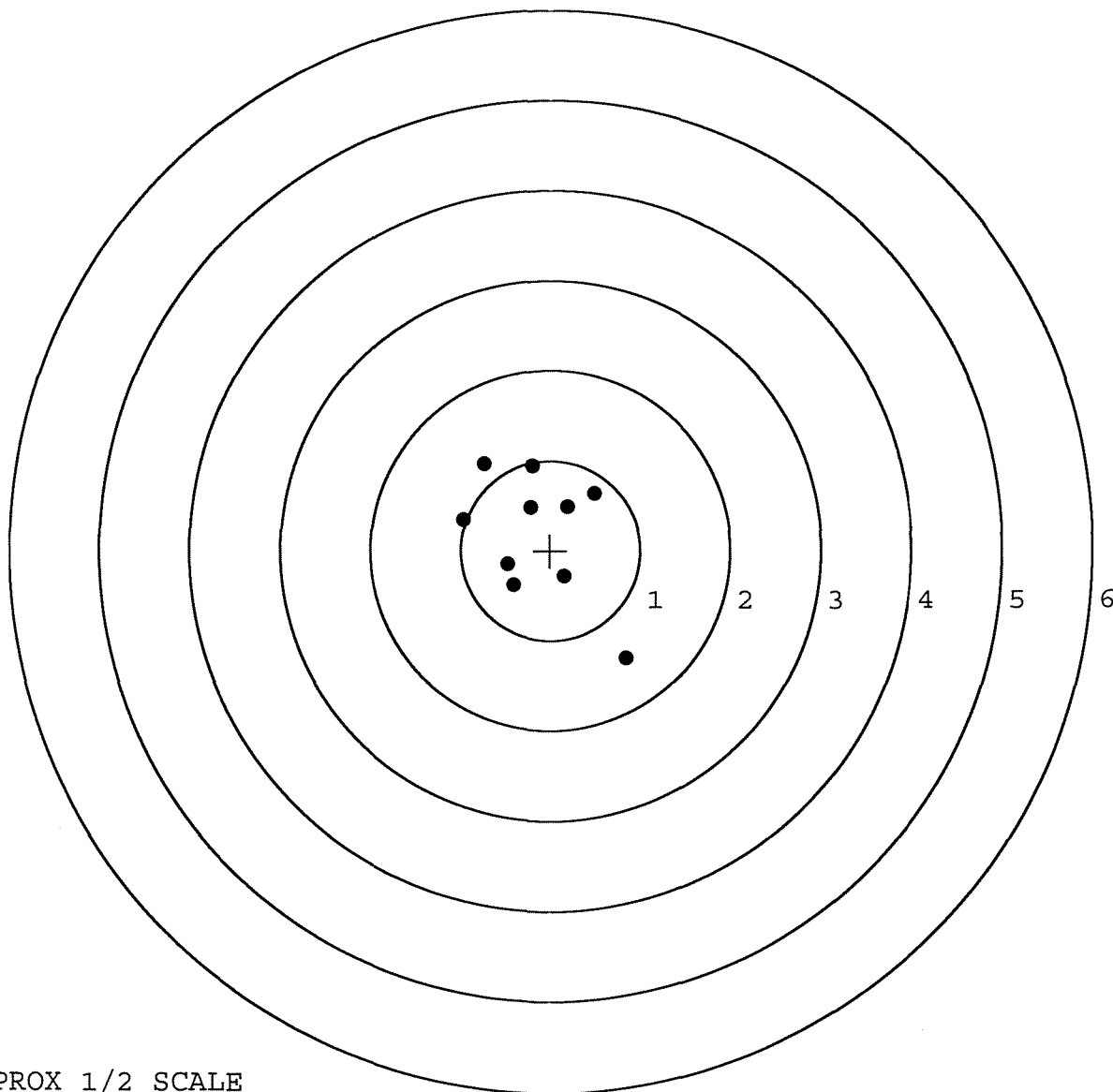


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6591567. \_\_0  
TARGET NUMBER: 5  
FILE DATE: 09/28/2006  
FILE TIME: 23:43

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.744 | 0.963  |
| 2:     | -0.205 | 0.945  |
| 3:     | 0.487  | 0.637  |
| 4:     | 0.192  | 0.490  |
| 5:     | -0.223 | 0.484  |
| 6:     | -0.976 | 0.342  |
| 7:     | -0.476 | -0.159 |
| 8:     | -0.409 | -0.388 |
| 9:     | 0.158  | -0.293 |
| 10:    | 0.846  | -1.201 |

X CENTROID: -0.135  
Y CENTROID: 0.182  
POA TO CENTROID: 0.227  
HORZ SPREAD: 1.822  
VERT SPREAD: 2.164  
GROUP SPREAD: 2.685  
MIN RADIUS: 0.315  
MAX RADIUS: 1.696  
MEAN RADIUS: 0.752  
# IN 1 IN DIAMETER: 3  
# IN 2 IN DIAMETER: 9  
# in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE