

G 641 4362

**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

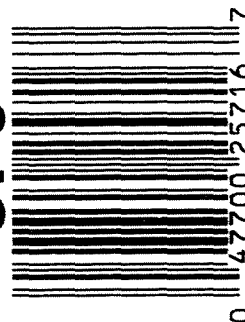
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

**G6414362**

**UPC**



**ORDER 25716**  
M/24 7.62 NATO S.W.S. (COMPLETE SYST  
**UPC**



**ORDER 25716**  
M/24 7.62 NATO S.W.S. (COMPLETE SYST  
**UPC**



SERIAL NO.



10/27/2004 11:09:26 AM

Crib

L

Original

25716

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



.MA25716

Shop Order: SWS10-15-1



.ABSWS10-15-1

Start Date: 10/22/2004

Finish Date: 12/27/2004

0540

01PC001

Flat Black Powder Coat, Barrel and



0003517903

0560

89SWS1

Reassemble Action.



0003517904

0690

89SWS1

Pack Rifle



0003517897

0700

89SWS1

Stencil SWS Container



.OP0700

## INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6414362

| OP #         | OPERATION NAME                                                 | READINGS            | DATE     | INITIAL |
|--------------|----------------------------------------------------------------|---------------------|----------|---------|
| 575 &<br>580 | ASSEMBLE ACTION<br>AND STOCK                                   |                     | 10-19-04 | RTZ     |
| 600          | PROOF                                                          |                     |          |         |
| 607          | CHECK HEADSPACE                                                |                     |          |         |
| 610          | DIS-ASSEMBLE GUN                                               |                     |          |         |
| 612          | MAGNAFLUX BBL ACTION<br>MAGNAFLUX BOLT                         |                     |          |         |
| 615          | ROLLMARK CALIBER                                               |                     | 10/27/04 | AB      |
| 617          | DRILL AND TAP<br>SIGHT HOLES                                   |                     | 10-22-04 | TRW     |
| 620          | APPLY COATINGS<br>(BARREL ACTION)                              |                     | 10/30    | HP      |
|              | (BOLT)                                                         |                     |          |         |
| 625          | FINAL ASSEMBLY                                                 |                     | 11-9-04  | DA      |
|              | A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                            |                     |          |         |
|              | 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                                     |                     | 11-9-04  | RTZ     |
|              | E) ADJUST TRIGGER PULL<br>TO MIN. SETTING AND<br>STAKE         | 2.50 LBS +/- .5 LBS |          |         |

| OP #  | OPERATION NAME                                                           | READINGS                                                    | DATE     | INITIAL |
|-------|--------------------------------------------------------------------------|-------------------------------------------------------------|----------|---------|
| 625   | F) SAFETY ON FORCE <span>2 LBS MIN<br/>10 LBS MAX</span>                 | <u>7.5</u> <u>7.0</u> <u>7.5</u>                            | 11/16/04 | DA      |
| CONT. |                                                                          |                                                             |          |         |
|       | G) SAFETY OFF FORCE <span>2 LBS MIN</span>                               | <u>2.0</u> <u>2.0</u> <u>2.0</u>                            | 11/16/04 | DA      |
|       | H) TRIGGER PULL TEST<br>AND RETAINABILITY                                |                                                             |          |         |
|       | I) FIRING PIN INDENT <span>.020 MIN</span>                               | <u>.021</u> <u>.023</u> <u>.021</u>                         | 11/14/04 | DA      |
|       | J) ASSEMBLE STOCK                                                        |                                                             | 11-9-04  | RTL     |
|       | K) ASSEMBLE SWIVEL<br>STUDS                                              |                                                             | 11-29-04 | RTL     |
|       | L) ATTACH FRONT AND<br>REAR SIGHT ASSY'S                                 |                                                             | 11-29-04 | RTL     |
|       | M) IRON SIGHT<br>ALIGNMENT                                               |                                                             | 11-29-04 | RTL     |
|       | N) DETACH FRONT AND<br>REAR SIGHTS AND PLACE<br>IN NUMBERED CONTAINER    |                                                             | 11-29-04 | RTL     |
| 640   | GALLERY TEST AND<br>TARGET                                               | <u>PASS</u> FAIL                                            | 11-15-04 | TRW     |
|       | MALFUNCTION                                                              | CORRECTION                                                  | NA       | TRW     |
|       | MALFUNCTION                                                              | CORRECTION                                                  | NA       | TRW     |
|       | MALFUNCTION                                                              | CORRECTION                                                  | NA       | TRW     |
|       | MALFUNCTION                                                              | CORRECTION                                                  | NA       | TRW     |
| 645   | INSPECT FOR LIVE AMMO                                                    |                                                             | 11-15-04 | TRW     |
| 655   | FINAL INSPECTION<br>A) HEADSPACE                                         |                                                             | 11-29-04 | RTL     |
|       | B) TRIGGER PULL <span>+/- .5 LBS<br/>MIN 2.50 LBS<br/>MAX 4.0 LBS</span> | <u>2.32</u> <u>2.35</u> <u>2.39</u> <u>2.32</u> <u>2.49</u> | 11/14/04 | DA      |
|       | C) FUNCTION                                                              |                                                             | 11-29-04 | RTL     |
| 660   | PACK                                                                     |                                                             | 11/16/04 | DA      |

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 6-15-04  
 TESTER TRW

|         | 2.50 LBS<br>INITIAL | 2.50 LBS AFTER<br>50 CYCLES | FINAL TEST & TO RESET<br>2.50 LBS |       | COMMENTS |
|---------|---------------------|-----------------------------|-----------------------------------|-------|----------|
| PULL #1 | 2.54                | 2.60                        |                                   | 2.68  |          |
| PULL #2 | 2.46                | 2.46                        |                                   | 2.82  |          |
| PULL #3 | 2.50                | 2.88                        |                                   | 2.67  |          |
| PULL #4 | 2.53                | 2.75                        |                                   | 2.53  |          |
| PULL #5 | 2.61                | 2.83                        |                                   | 2.52  |          |
| TOTAL   | 12.64               | 13.52                       |                                   | 13.22 |          |
| AVERAGE | 2.52                | 2.70                        |                                   | 2.64  |          |

|         | 3.00 LBS<br>INITIAL | 3.00 LBS AFTER<br>20 CYCLES |  | COMMENTS |
|---------|---------------------|-----------------------------|--|----------|
| PULL #1 | 3.07                | 3.17                        |  |          |
| PULL #2 | 3.09                | 3.17                        |  |          |
| PULL #3 | 3.21                | 3.40                        |  |          |
| PULL #4 | 3.30                | 3.42                        |  |          |
| PULL #5 | 3.34                | 3.65                        |  |          |
| TOTAL   | 16.01               | 16.81                       |  |          |
| AVERAGE | 3.20                | 3.36                        |  |          |

|         | 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 | 4.09                | 4.18                        |                                   | 3.91                                    |
| PULL #2 | 4.39                | 4.08                        |                                   | 3.94                                    |
| PULL #3 | 4.27                | 4.03                        |                                   | 3.99                                    |
| PULL #4 | 4.30                | 4.10                        |                                   | 3.99                                    |
| PULL #5 | 4.34                | 4.19                        |                                   | 4.04                                    |
| TOTAL   | 21.39               | 20.58                       |                                   | 19.87                                   |
| AVERAGE | 4.27                | 4.11                        |                                   | 3.97                                    |

## SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6414362.\_\_\_0  
FILE DATE AND TIME: 11/15/2004 11:10

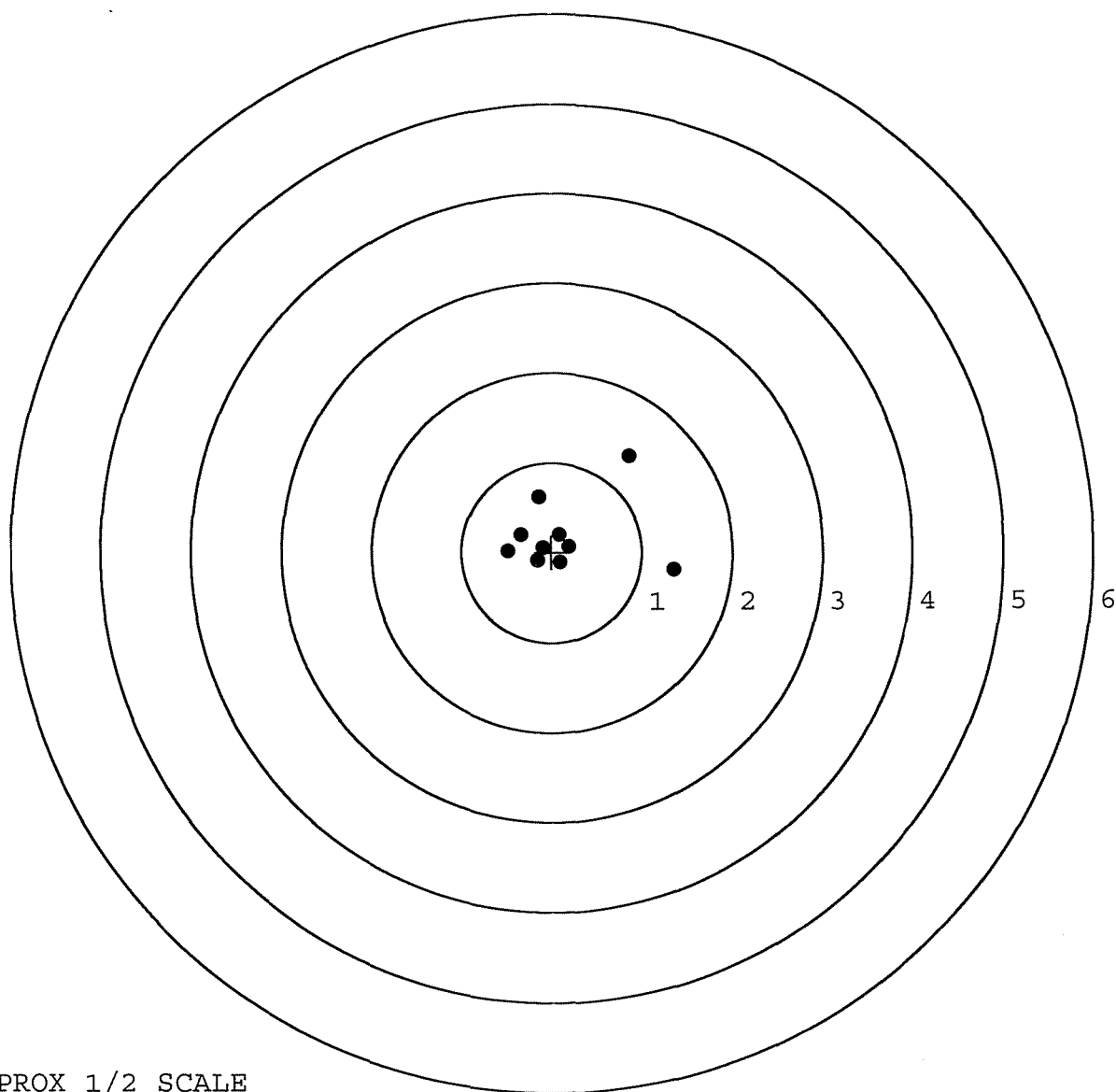
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.087 |
| The Average Y Centroid of the Five Target Set:              | 0.131  |
| The Average Point of Impact of the Five Target Set:         | 0.157  |
| The Average Mean Radius of the Five Target Set:             | 0.752  |
| The Distance from POA to Centroid Target #1:                | 0.227  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.409  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.381  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.340  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.118  |

SERIAL NUMBER: G6414362. \_\_0  
 TARGET NUMBER: 1  
 FILE DATE: 11/15/2004  
 FILE TIME: 11:10

X CENTROID: 0.139  
 Y CENTROID: 0.180  
 POA TO CENTROID: 0.227  
 HORZ SPREAD: 1.831  
 VERT SPREAD: 1.275  
 GROUP SPREAD: 1.844  
 MIN RADIUS: 0.051  
 MAX RADIUS: 1.270  
 MEAN RADIUS: 0.521  
 # IN 1 IN DIAMETER: 6  
 # IN 2 IN DIAMETER: 8  
 # in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.865  | 1.072  |
| 2:     | 1.350  | -0.203 |
| 3:     | -0.142 | 0.618  |
| 4:     | -0.337 | 0.197  |
| 5:     | -0.481 | 0.016  |
| 6:     | -0.154 | -0.095 |
| 7:     | 0.095  | -0.118 |
| 8:     | 0.199  | 0.064  |
| 9:     | 0.091  | 0.196  |
| 10:    | -0.098 | 0.050  |

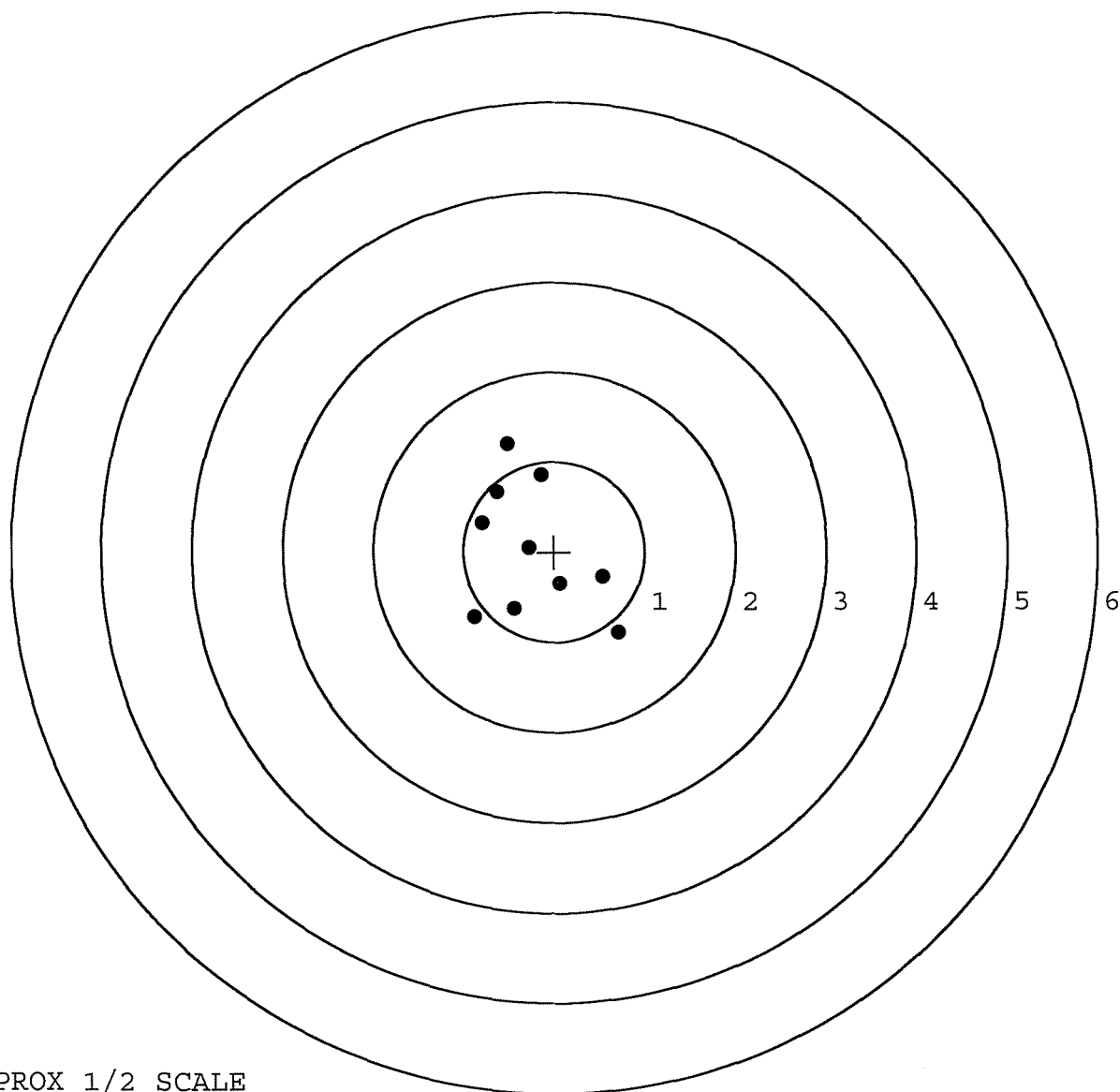


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6414362. \_\_0  
 TARGET NUMBER: 2  
 FILE DATE: 11/15/2004  
 FILE TIME: 11:10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.517 | 1.197  |
| 2:     | -0.143 | 0.852  |
| 3:     | -0.632 | 0.661  |
| 4:     | -0.787 | 0.315  |
| 5:     | -0.280 | 0.044  |
| 6:     | 0.063  | -0.359 |
| 7:     | 0.537  | -0.282 |
| 8:     | 0.710  | -0.898 |
| 9:     | -0.438 | -0.638 |
| 10:    | -0.879 | -0.728 |

X CENTROID: -0.237  
 Y CENTROID: 0.016  
 POA TO CENTROID: 0.237  
 HORZ SPREAD: 1.589  
 VERT SPREAD: 2.095  
 GROUP SPREAD: 2.428  
 MIN RADIUS: 0.051  
 MAX RADIUS: 1.316  
 MEAN RADIUS: 0.778  
 # IN 1 IN DIAMETER: 2  
 # IN 2 IN DIAMETER: 8  
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6414362. \_\_0

TARGET NUMBER: 3

FILE DATE: 11/15/2004

FILE TIME: 11:10

X CENTROID: -0.220

Y CENTROID: 0.309

POA TO CENTROID: 0.379

HORZ SPREAD: 1.660

VERT SPREAD: 2.993

GROUP SPREAD: 3.381

MIN RADIUS: 0.015

MAX RADIUS: 1.784

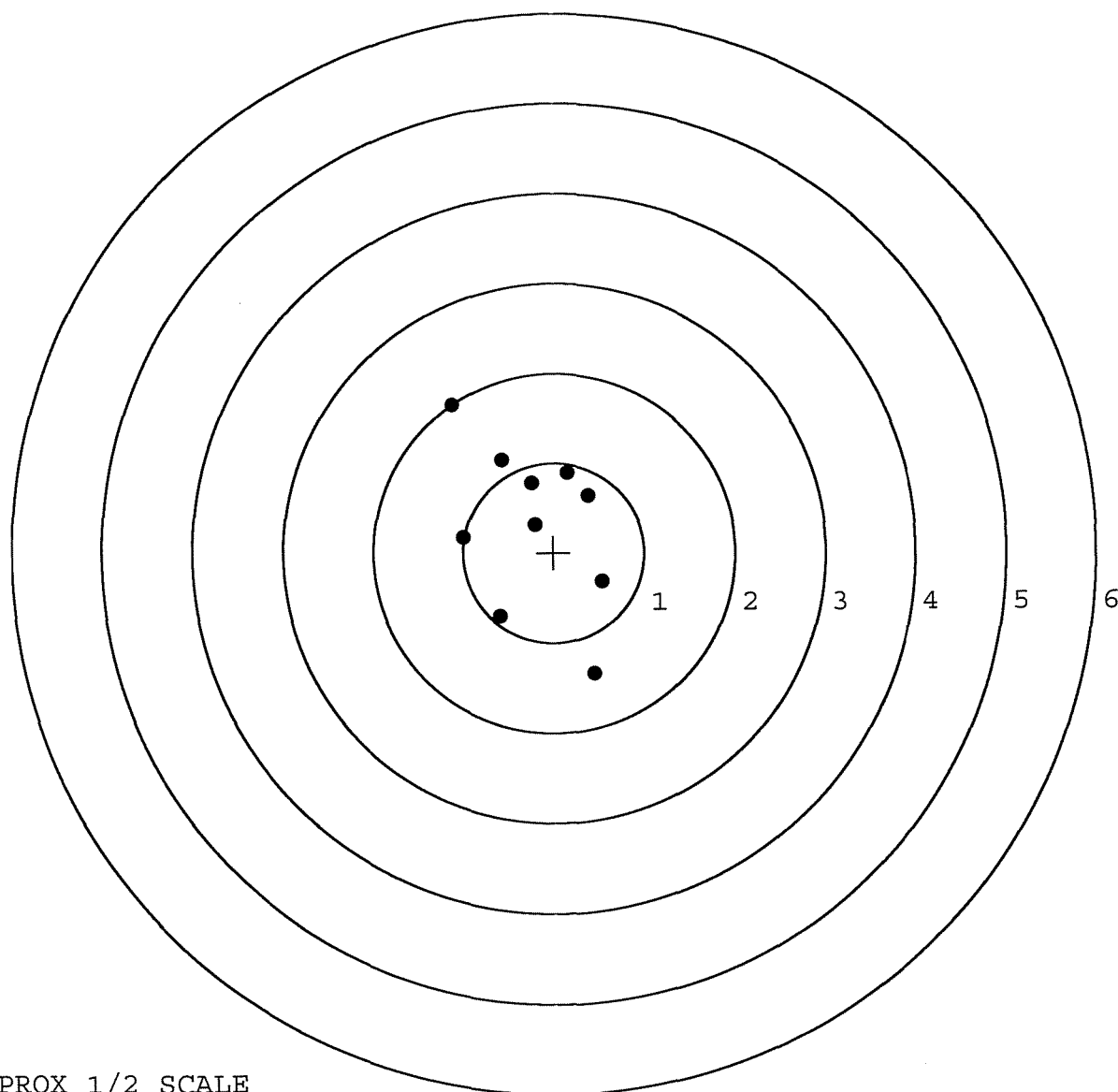
MEAN RADIUS: 0.893

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 7

# in 3 IN DIAMETER: 8

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.156  | 0.889  |
| 2:     | 0.383  | 0.638  |
| 3:     | 0.540  | -0.320 |
| 4:     | 0.452  | -1.343 |
| 5:     | -0.598 | -0.710 |
| 6:     | -0.996 | 0.168  |
| 7:     | -1.120 | 1.650  |
| 8:     | -0.571 | 1.037  |
| 9:     | -0.241 | 0.774  |
| 10:    | -0.205 | 0.308  |

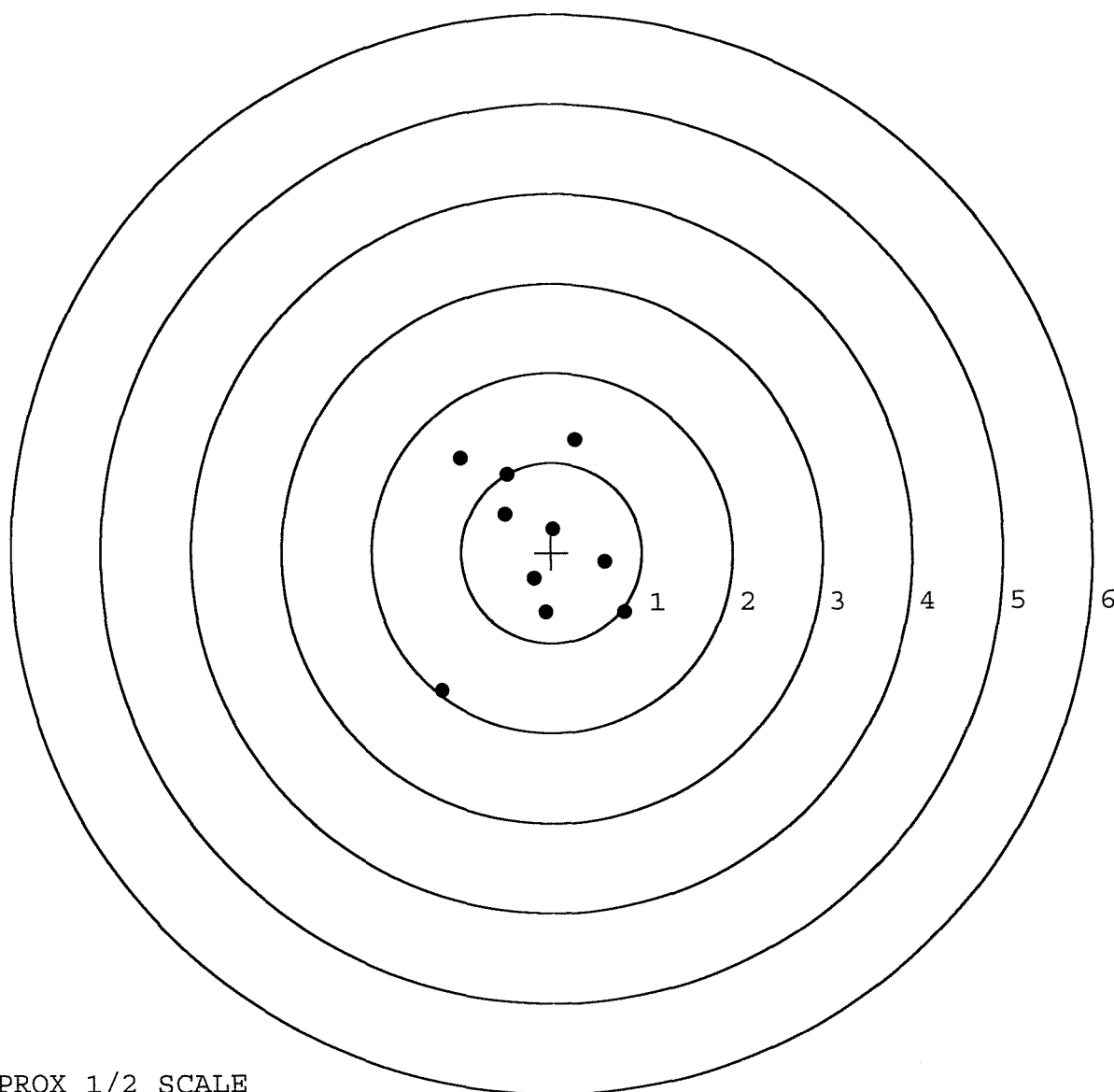


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6414362. \_\_0  
 TARGET NUMBER: 4  
 FILE DATE: 11/15/2004  
 FILE TIME: 11:10

X CENTROID: -0.181  
 Y CENTROID: 0.062  
 POA TO CENTROID: 0.191  
 HORZ SPREAD: 2.023  
 VERT SPREAD: 2.792  
 GROUP SPREAD: 3.165  
 MIN RADIUS: 0.287  
 MAX RADIUS: 1.905  
 MEAN RADIUS: 0.921  
 # IN 1 IN DIAMETER: 3  
 # IN 2 IN DIAMETER: 6  
 # in 3 IN DIAMETER: 9

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.268  | 1.259  |
| 2:     | -1.001 | 1.050  |
| 3:     | -0.487 | 0.871  |
| 4:     | -0.514 | 0.429  |
| 5:     | 0.023  | 0.265  |
| 6:     | -0.195 | -0.290 |
| 7:     | 0.592  | -0.101 |
| 8:     | 0.801  | -0.661 |
| 9:     | -0.072 | -0.666 |
| 10:    | -1.222 | -1.533 |

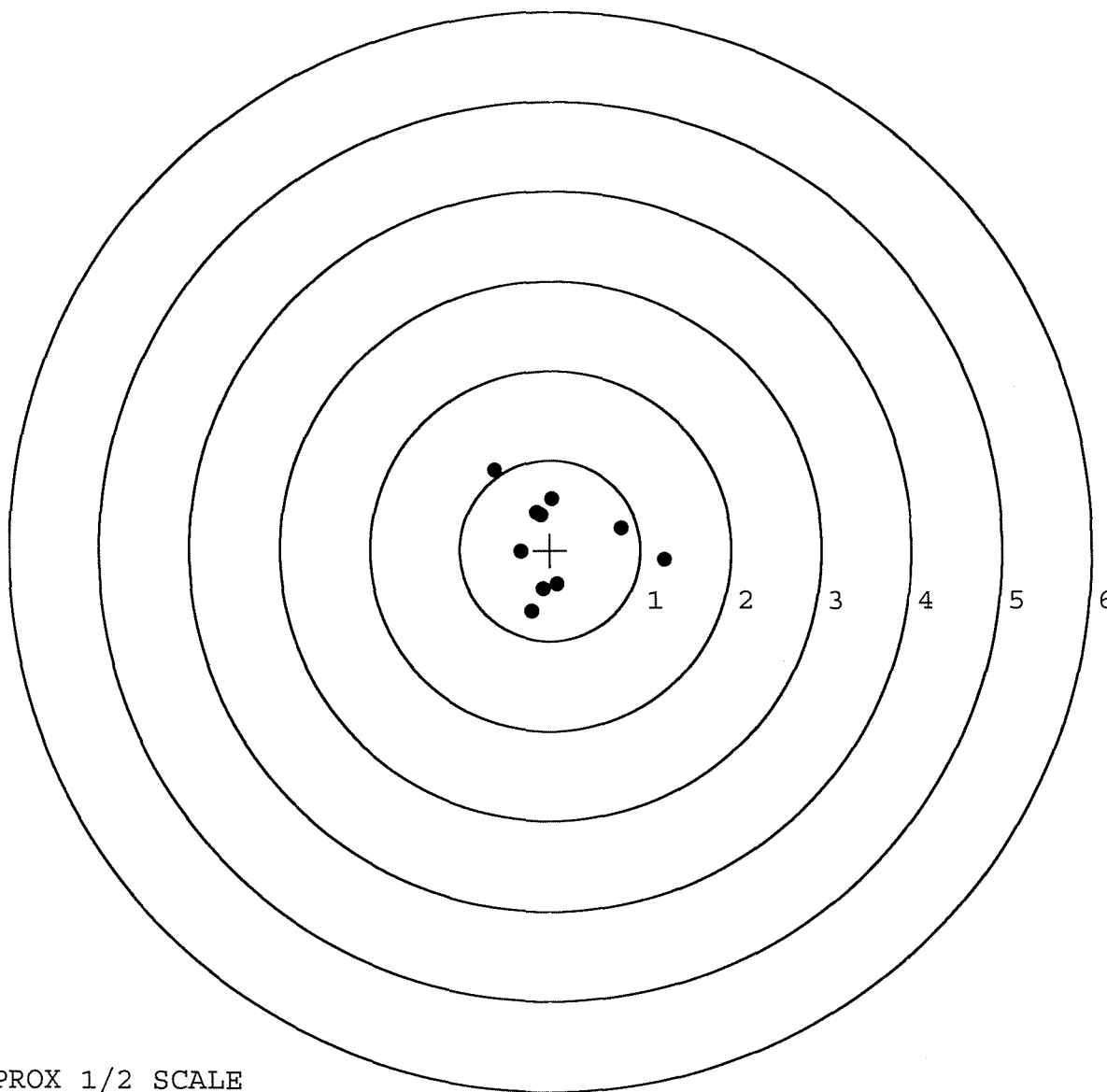


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6414362. \_\_0  
 TARGET NUMBER: 5  
 FILE DATE: 11/15/2004  
 FILE TIME: 11:10

X CENTROID: 0.064  
 Y CENTROID: 0.089  
 POA TO CENTROID: 0.110  
 HORZ SPREAD: 1.876  
 VERT SPREAD: 1.560  
 GROUP SPREAD: 2.124  
 MIN RADIUS: 0.351  
 MAX RADIUS: 1.213  
 MEAN RADIUS: 0.645  
 # IN 1 IN DIAMETER: 5  
 # IN 2 IN DIAMETER: 8  
 # in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.790  | 0.244  |
| 2:     | 1.261  | -0.113 |
| 3:     | 0.074  | -0.374 |
| 4:     | -0.085 | -0.433 |
| 5:     | -0.206 | -0.677 |
| 6:     | -0.325 | -0.023 |
| 7:     | -0.113 | 0.392  |
| 8:     | 0.018  | 0.570  |
| 9:     | -0.615 | 0.883  |
| 10:    | -0.155 | 0.418  |



TARGET APPROX 1/2 SCALE