

G-646 1671

**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



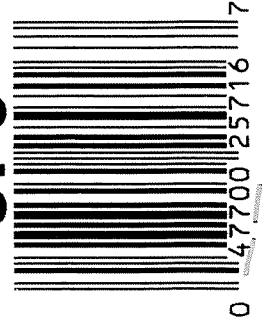
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

**G6461671**

**UPC**



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

**UPC**



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

**UPC**



SERIAL NO.



## INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G60661671

| OP #         | OPERATION NAME                                                 | READINGS            | DATE     | INITIAL |
|--------------|----------------------------------------------------------------|---------------------|----------|---------|
| 420 &<br>430 | ASSEMBLE ACTION<br>ASSEMBLE TO STOCK                           |                     | 9-16-05  | RTZ     |
| 440          | PROOF                                                          |                     | 9-20-05  | RTZ     |
| 460          | CHECK HEADSPACE                                                |                     | 9-20-05  | RTZ     |
| 470          | DIS-ASSEMBLE ACTION                                            |                     | 9-21-05  | RTZ     |
| 480 &<br>490 | MAGNAFLUX BBL ACTION<br>MAGNAFLUX BOLT                         | 1480                | 9/23/05  | lewis   |
| 500          | ROLLMARK CALIBER                                               |                     | 9-23-05  | CW      |
| 510          | DRILL AND TAP<br>SIGHT HOLES                                   |                     | 9-23-05  | TRW     |
| 520          | GOFF BLAST BBL / REC                                           |                     | 9-26-05  | LB      |
| 530 &<br>540 | APPLY COATINGS<br>(BARREL ACTION)                              |                     | 10/4/05  | FB      |
|              | (BOLT)                                                         |                     | 10/4/05  | FB      |
| 560          | RE-ASSEMBLE ACTION                                             |                     | 10/6/05  | MTM     |
|              | A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                            |                     |          |         |
|              | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD |                     | 10/6/05  | MTM     |
|              | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                         |                     | 10/6/05  | MTM     |
|              | D) OIL FIRING PIN ASSEMBLY                                     |                     | 10-12-05 | RTZ     |
|              | E) ADJUST TRIGGER PULL<br>TO MIN. SETTING AND<br>STAKE         | 2.50 LBS +/- .5 LBS |          |         |
| REV-8405     |                                                                |                     |          |         |

| OP #         | OPERATION NAME                                                           | READINGS                                                    | DATE     | INITIAL |
|--------------|--------------------------------------------------------------------------|-------------------------------------------------------------|----------|---------|
| 560          | F) SAFETY ON FORCE <span>2 LBS MIN<br/>10 LBS MAX</span>                 | <u>5.5</u> <u>5.5</u> <u>5.9</u>                            | 10/22/05 | DA      |
| CONT.        | G) SAFETY OFF FORCE <span>2 LBS MIN</span>                               | <u>2.5</u> <u>2.5</u> <u>2.5</u>                            | 10/22/05 | DA      |
|              | H) TRIGGER PULL TEST<br>AND RETAINABILITY                                |                                                             |          |         |
|              | I) FIRING PIN INDENT <span>.020 MIN</span>                               | <u>.023</u> <u>.023</u> <u>.022</u>                         | 10/22/05 | DA      |
|              | J) ASSEMBLE STOCK                                                        |                                                             | 10-12-05 | RTL     |
|              | K) ASSEMBLE SWIVEL<br>STUDS                                              |                                                             | 10/24/05 | BC      |
|              | L) ATTACH FRONT AND<br>REAR SIGHT ASSY'S                                 |                                                             | 10/18/05 | AC      |
|              | M) IRON SIGHT<br>ALIGNMENT                                               |                                                             | 10/18/05 | AC      |
|              | N) DETACH FRONT AND<br>REAR SIGHTS AND PLACE<br>IN NUMBERED CONTAINER    |                                                             | 10/18/05 | AC      |
| 640 &<br>650 | FUNCTION TEST AND<br>TARGET                                              | <u>PASS</u> FAIL<br><u>PASS</u> FAIL                        | 10-18-05 | TRL     |
|              | MALFUNCTION                                                              | CORRECTION                                                  |          |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |          |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |          |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |          |         |
| 660          | INSPECT FOR LIVE AMMO                                                    |                                                             | 10-19-05 | GH      |
| 670          | FINAL INSPECTION<br>A) HEADSPACE                                         |                                                             | 10/24/05 | BC      |
|              | B) TRIGGER PULL <span>+/- .5 LBS<br/>MIN 2.50 LBS<br/>MAX 4.0 LBS</span> | <u>2.71</u> <u>2.74</u> <u>2.81</u> <u>2.89</u> <u>2.85</u> | 10-20-05 | TRL     |
|              | C) FUNCTION                                                              |                                                             | 10/24/05 | BC      |
| 690          | PACK                                                                     |                                                             | 10/25/05 | 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)

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

DATE \_\_\_\_\_

TESTER \_\_\_\_\_

9/30/05

BC

|         | 2.50 LBS<br>INITIAL | 2.50 LBS AFTER<br>50 CYCLES | FINAL TEST & TO RESET<br>2.50 LBS |       | COMMENTS |
|---------|---------------------|-----------------------------|-----------------------------------|-------|----------|
| PULL #1 | 2.53                | 2.35                        |                                   | 2.57  |          |
| PULL #2 | 2.67                | 2.40                        |                                   | 2.60  |          |
| PULL #3 | 2.46                | 2.63                        |                                   | 2.17  |          |
| PULL #4 | 2.66                | 2.50                        |                                   | 2.50  |          |
| PULL #5 | 2.75                | 2.67                        |                                   | 2.10  |          |
| TOTAL   | 13.07               | 12.55                       |                                   | 11.94 |          |
| AVERAGE | 2.61                | 2.51                        |                                   | 2.39  |          |

|         | 3.00 LBS<br>INITIAL | 3.00 LBS AFTER<br>20 CYCLES |  | COMMENTS |
|---------|---------------------|-----------------------------|--|----------|
| PULL #1 | 3.51                | 3.24                        |  |          |
| PULL #2 | 2.64                | 2.88                        |  |          |
| PULL #3 | 3.57                | 3.37                        |  |          |
| PULL #4 | 3.44                | 3.49                        |  |          |
| PULL #5 | 3.16                | 3.40                        |  |          |
| TOTAL   | 16.26               | 16.38                       |  |          |
| AVERAGE | 3.25                | 3.28                        |  |          |

|         | 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 | 4.67                | 4.34                        |                                   | 4.34                                    |
| PULL #2 | 4.62                | 4.48                        |                                   | 4.26                                    |
| PULL #3 | 4.43                | 4.50                        |                                   | 4.24                                    |
| PULL #4 | 4.48                | 4.47                        |                                   | 4.13                                    |
| PULL #5 | 4.57                | 4.47                        |                                   | 4.21                                    |
| TOTAL   | 22.77               | 22.26                       |                                   | 21.18                                   |
| AVERAGE | 4.55                | 4.45                        |                                   | 4.24                                    |

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6461671.\_\_0  
FILE DATE AND TIME: 10/19/2005 09:46

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.089 |
| The Average Y Centroid of the Five Target Set:              | -0.026 |
| The Average Point of Impact of the Five Target Set:         | 0.093  |
| The Average Mean Radius of the Five Target Set:             | 0.818  |
| The Distance from POA to Centroid Target #1:                | 0.095  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.280  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.170  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.138  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.155  |

SERIAL NUMBER: G6461671. \_\_0

TARGET NUMBER: 1

FILE DATE: 10/19/2005

FILE TIME: 09:46

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.743  | -1.065 |
| 2:     | 0.292  | -0.881 |
| 3:     | 0.085  | -0.363 |
| 4:     | -0.245 | -0.510 |
| 5:     | -0.893 | -0.705 |
| 6:     | 0.382  | 0.179  |
| 7:     | 0.014  | 0.532  |
| 8:     | 0.166  | 0.901  |
| 9:     | -0.377 | 0.612  |
| 10:    | -0.474 | 0.406  |

X CENTROID: -0.031

Y CENTROID: -0.089

POA TO CENTROID: 0.095

HORZ SPREAD: 1.636

VERT SPREAD: 1.966

GROUP SPREAD: 2.049

MIN RADIUS: 0.297

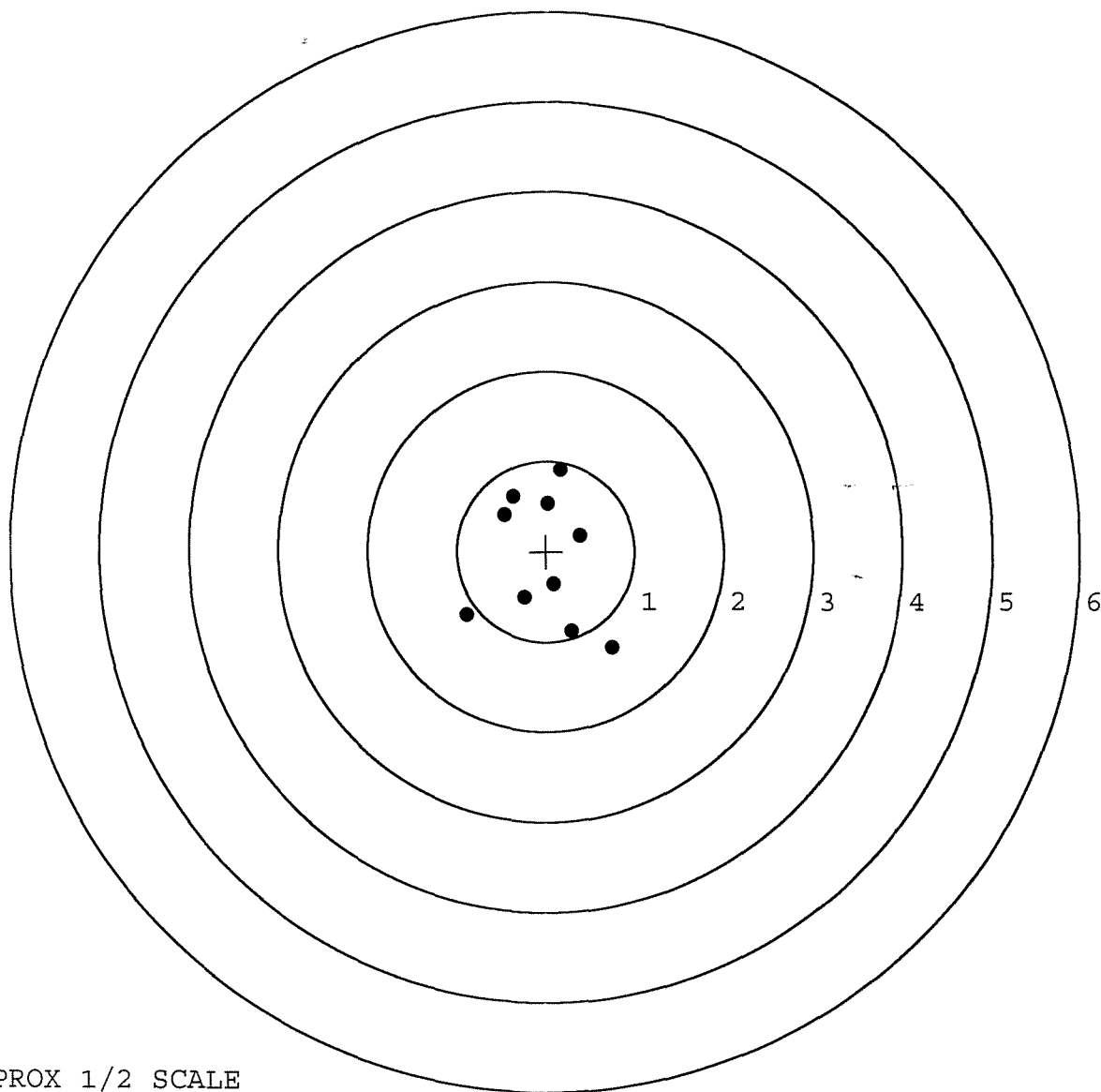
MAX RADIUS: 1.245

MEAN RADIUS: 0.750

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 7

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE



SERIAL NUMBER: G6461671. \_\_0

TARGET NUMBER: 2

FILE DATE: 10/19/2005

FILE TIME: 09:46

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.899  | -0.905 |
| 2:     | 0.871  | 0.139  |
| 3:     | 0.031  | -0.747 |
| 4:     | -0.313 | -0.542 |
| 5:     | -0.624 | 0.231  |
| 6:     | -1.178 | -0.370 |
| 7:     | -1.565 | -0.568 |
| 8:     | 0.266  | 1.167  |
| 9:     | 0.133  | 1.454  |
| 10:    | -0.610 | 1.401  |

X CENTROID: -0.209

Y CENTROID: 0.126

POA TO CENTROID: 0.244

HORZ SPREAD: 2.464

VERT SPREAD: 2.359

GROUP SPREAD: 2.640

MIN RADIUS: 0.428

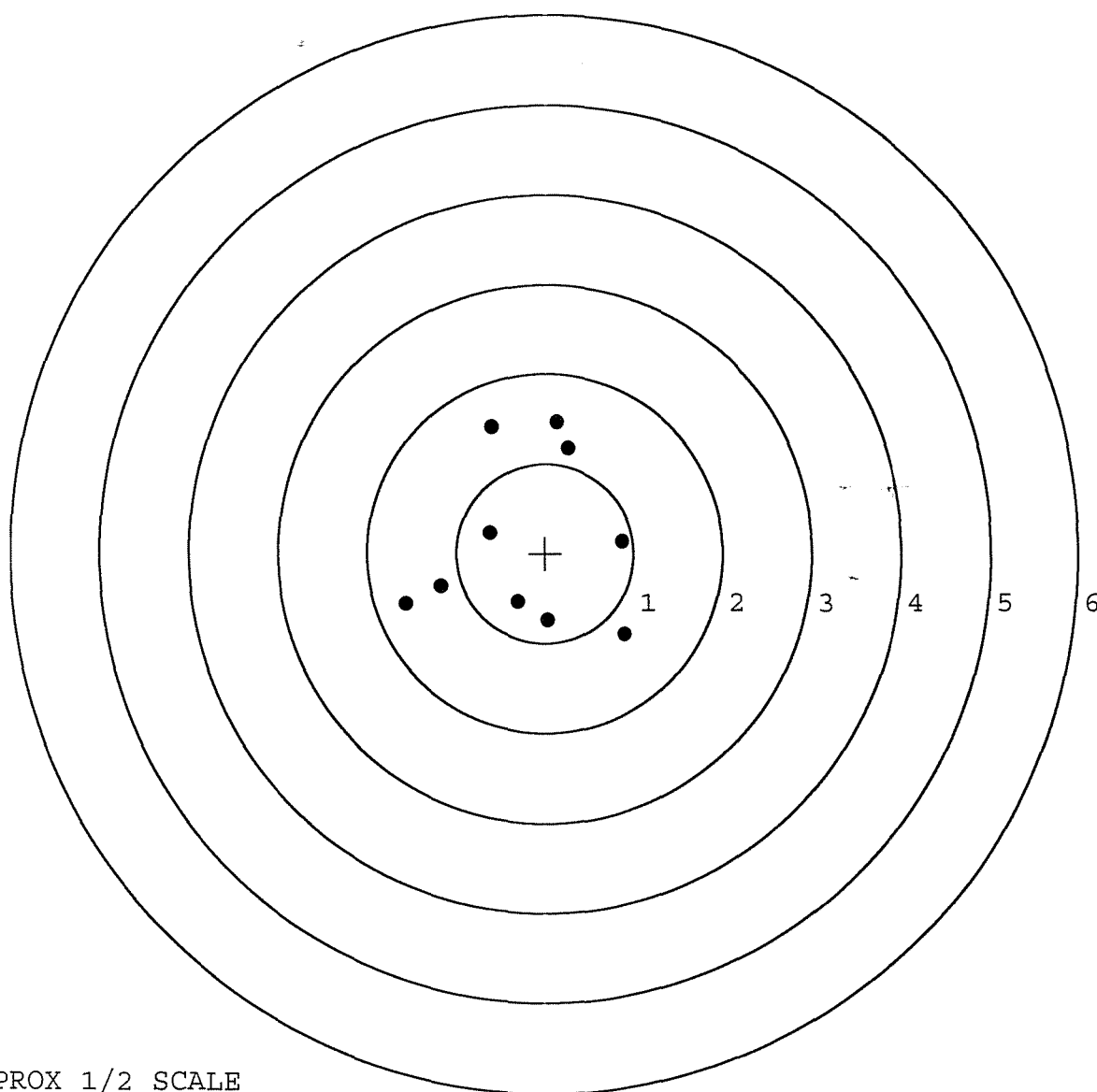
MAX RADIUS: 1.523

MEAN RADIUS: 1.107

# IN 1 IN DIAMETER: 1

# IN 2 IN DIAMETER: 3

# in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461671. \_\_0

TARGET NUMBER: 3

FILE DATE: 10/19/2005

FILE TIME: 09:46

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.878  | 0.193  |
| 2:     | 0.404  | 0.180  |
| 3:     | 0.305  | -0.406 |
| 4:     | 0.103  | -0.805 |
| 5:     | 0.074  | -0.122 |
| 6:     | -0.367 | -0.138 |
| 7:     | -0.233 | 0.520  |
| 8:     | -0.376 | 0.587  |
| 9:     | -0.653 | 0.286  |
| 10:    | -1.239 | 0.308  |

X CENTROID: -0.110

Y CENTROID: 0.060

POA TO CENTROID: 0.126

HORZ SPREAD: 2.117

VERT SPREAD: 1.392

GROUP SPREAD: 2.120

MIN RADIUS: 0.259

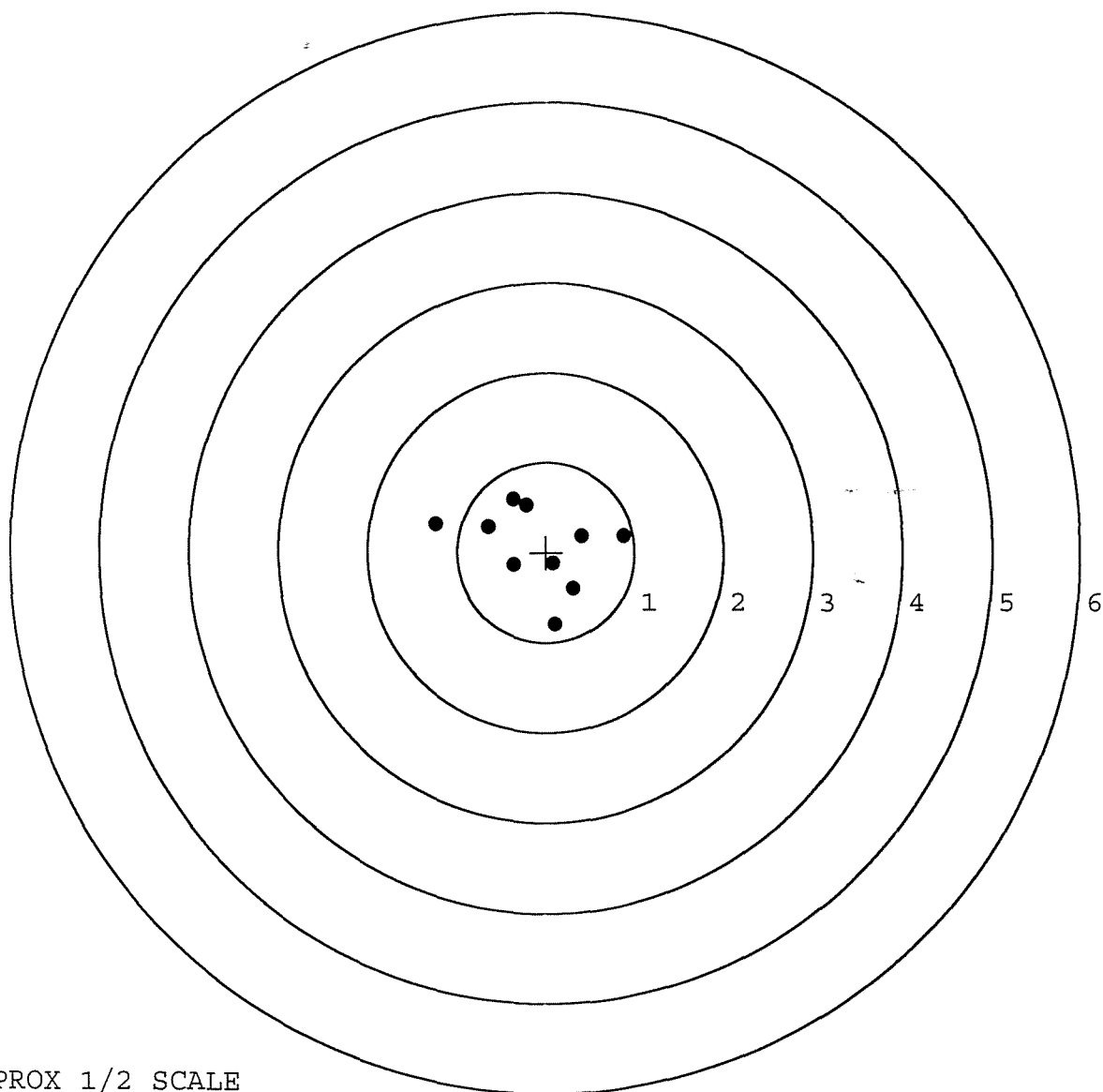
MAX RADIUS: 1.155

MEAN RADIUS: 0.643

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461671. 0

TARGET NUMBER: 4

FILE DATE: 10/19/2005

FILE TIME: 09:46

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.762  | -0.479 |
| 2:     | 0.937  | 0.075  |
| 3:     | -0.121 | -0.835 |
| 4:     | -1.088 | -0.689 |
| 5:     | -0.734 | -0.133 |
| 6:     | -0.983 | -0.125 |
| 7:     | -0.065 | 0.203  |
| 8:     | 0.098  | 0.359  |
| 9:     | 0.209  | 0.712  |
| 10:    | -0.362 | 0.919  |

X CENTROID: -0.135

Y CENTROID: 0.001

POA TO CENTROID: 0.135

HORZ SPREAD: 2.025

VERT SPREAD: 1.754

GROUP SPREAD: 2.164

MIN RADIUS: 0.214

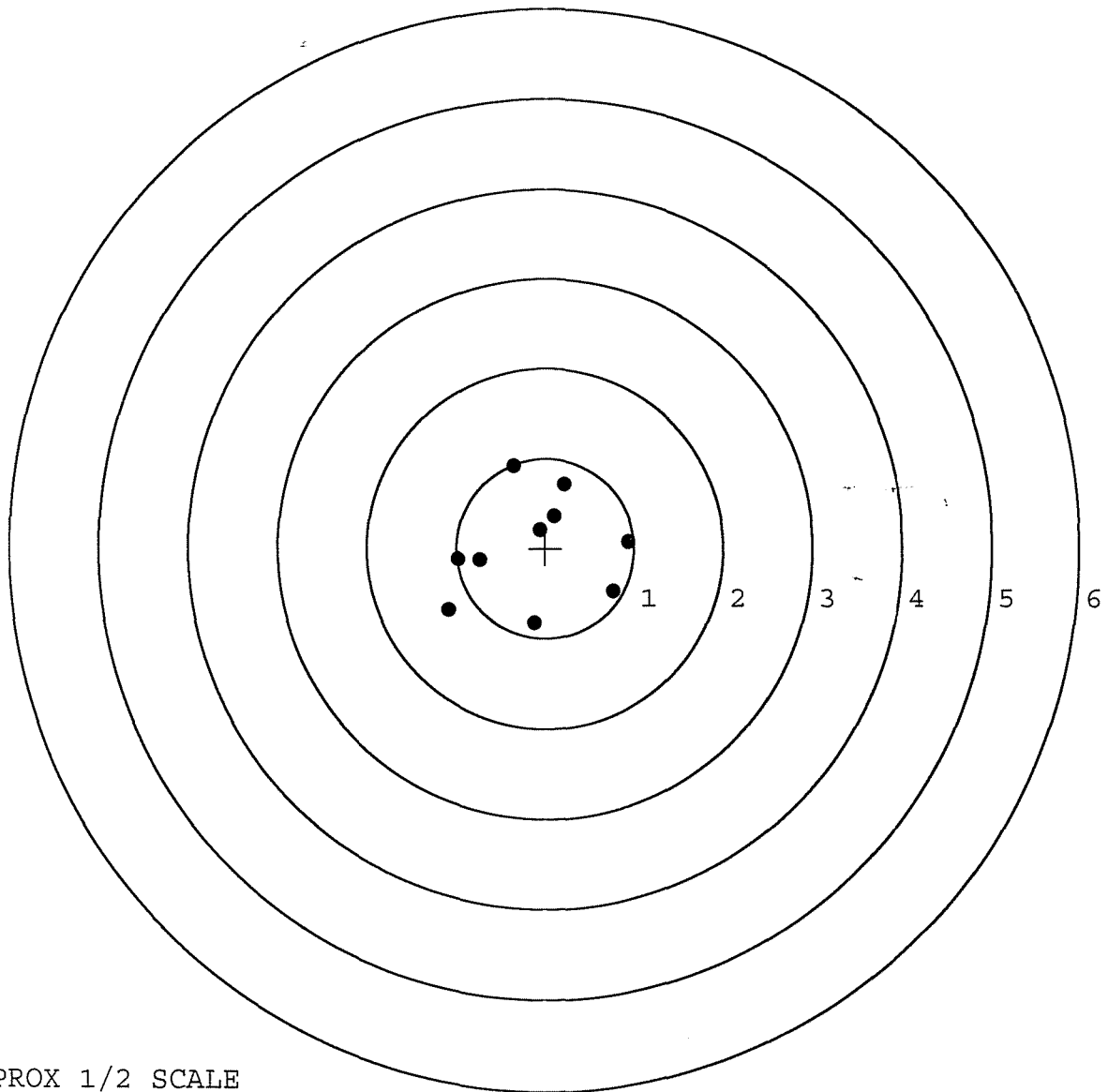
MAX RADIUS: 1.177

MEAN RADIUS: 0.795

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 7

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461671. 0

TARGET NUMBER: 5

FILE DATE: 10/19/2005

FILE TIME: 09:46

X CENTROID: 0.038

Y CENTROID: -0.229

POA TO CENTROID: 0.232

HORZ SPREAD: 1.220

VERT SPREAD: 2.448

GROUP SPREAD: 2.480

MIN RADIUS: 0.268

MAX RADIUS: 1.557

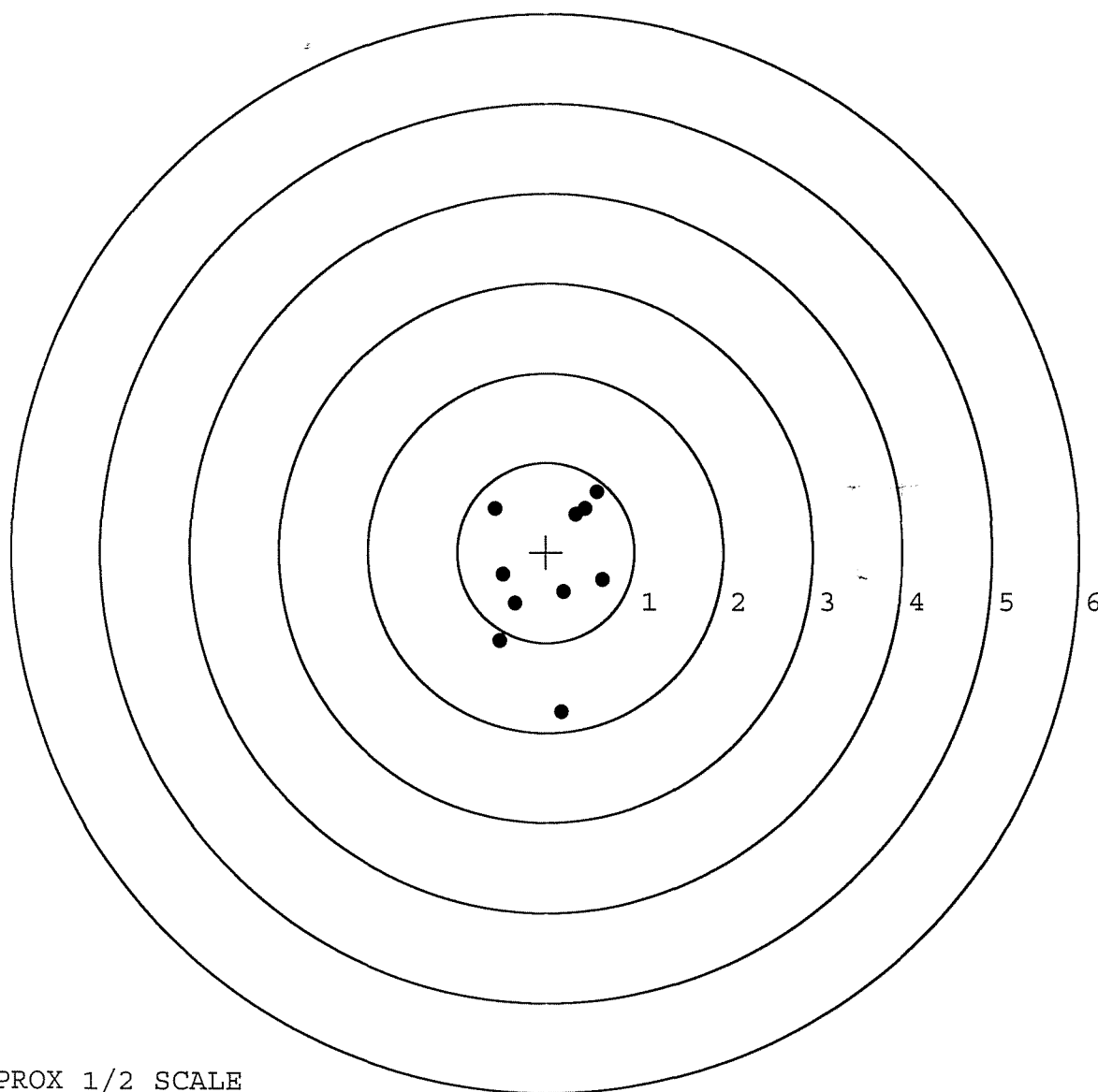
MEAN RADIUS: 0.794

# IN 1 IN DIAMETER: 1

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 9

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.568  | 0.668  |
| 2:     | 0.440  | 0.482  |
| 3:     | 0.333  | 0.414  |
| 4:     | -0.584 | 0.486  |
| 5:     | -0.491 | -0.248 |
| 6:     | -0.357 | -0.571 |
| 7:     | 0.194  | -0.446 |
| 8:     | 0.636  | -0.311 |
| 9:     | -0.531 | -0.982 |
| 10:    | 0.170  | -1.780 |



TARGET APPROX 1/2 SCALE