

G646 1632

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

### BOLT ACTION CENTERFIRE RIFLE

**24" BARREL 7.62 NATO**

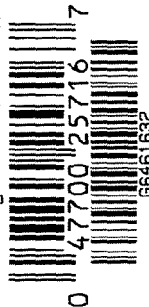
- INSTRUCTION BOOK 3518

DD FORM

proof of purchase



owner registration sticker



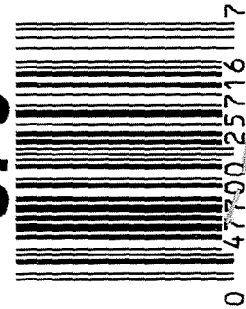
ORDER NO. **25716**

|               |     |
|---------------|-----|
| BARREL LENGTH | 24" |
|---------------|-----|

|                 |          |
|-----------------|----------|
| <b>CAPACITY</b> | <b>6</b> |
|-----------------|----------|

**G6461632**

# 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 # G64401632

| OP #         | OPERATION NAME                                                 | READINGS                                 | DATE     | INITIAL      |
|--------------|----------------------------------------------------------------|------------------------------------------|----------|--------------|
| 420 &<br>430 | ASSEMBLE ACTION<br>ASSEMBLE TO STOCK                           |                                          | 9-13-05  | RTZ          |
| 440          | PROOF                                                          |                                          | 9-15-05  | RTZ          |
| 460          | CHECK HEADSPACE                                                | MAGNA - FLUX<br>INSPECTED                | 9-16-05  | RTZ          |
| 470          | DIS-ASSEMBLE ACTION                                            |                                          | 9-16-05  | RTZ          |
| 480 &<br>490 | MAGNAFLUX BBL ACTION<br>MAGNAFLUX BOLT                         | SEP 20 2005<br>480 OPERATOR <i>unwed</i> | 9/20/05  | <i>unwed</i> |
| 500          | ROLLMARK CALIBER                                               |                                          | 9-20-05  | CW           |
| 510          | DRILL AND TAP<br>SIGHT HOLES                                   |                                          | 9-20-05  | TRW          |
| 520          | GOFF BLAST BBL / REC                                           |                                          | 9-21-05  | LB           |
| 530 &<br>540 | APPLY COATINGS<br>(BARREL ACTION)                              |                                          | 9/22     | HP           |
|              | (BOLT)                                                         |                                          |          |              |
| 560          | RE-ASSEMBLE ACTION                                             |                                          | 10/6/05  | <i>unwed</i> |
|              | A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                            |                                          |          |              |
|              | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD |                                          | 10/6/05  | <i>unwed</i> |
|              | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                         |                                          | 10/6/05  | <i>unwed</i> |
|              | D) OIL FIRING PIN ASSEMBLY                                     |                                          | 10-11-05 | 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                                                    | 2 LBS MIN<br>10 LBS MAX                   | 6 lb       | 6 lb | 6 lb           | 10-14-05 | BC      |
| CONT.               |                                                                       |                                           |            |      |                |          |         |
|                     | G) SAFETY OFF FORCE                                                   | 2 LBS MIN                                 | 2 lb       | 2 lb | 2 lb           | 10-14-05 | BC      |
|                     | H) TRIGGER PULL TEST<br>AND RETAINABILITY                             |                                           |            |      |                |          |         |
|                     | I) FIRING PIN INDENT                                                  | .020 MIN                                  | .024       | .023 | .023           | 10-19-05 | BC      |
|                     | J) ASSEMBLE STOCK                                                     |                                           |            |      |                | 10-11-05 | RTL     |
|                     | K) ASSEMBLE SWIVEL<br>STUDS                                           |                                           |            |      |                | 10-19-05 | BC      |
|                     | L) ATTACH FRONT AND<br>REAR SIGHT ASSY'S                              |                                           |            |      |                | 10-17-05 | BC      |
|                     | M) IRON SIGHT<br>ALIGNMENT                                            |                                           |            |      |                | 10-17-05 | BC      |
|                     | N) DETACH FRONT AND<br>REAR SIGHTS AND PLACE<br>IN NUMBERED CONTAINER |                                           |            |      |                | 10-17-05 | BC      |
| 640 &<br>650        | FUNCTION TEST AND<br>TARGET                                           |                                           | PASS       | FAIL |                | 10-18-05 | TRC     |
|                     |                                                                       |                                           | PASS       | FAIL |                |          |         |
|                     | MALFUNCTION                                                           |                                           | CORRECTION |      |                |          |         |
|                     | MALFUNCTION                                                           |                                           | CORRECTION |      |                |          |         |
|                     | MALFUNCTION                                                           |                                           | CORRECTION |      |                |          |         |
|                     | MALFUNCTION                                                           |                                           | CORRECTION |      |                |          |         |
| 660                 | INSPECT FOR LIVE AMMO                                                 |                                           |            |      |                | 10-18-05 | R.P.    |
| 670                 | FINAL INSPECTION<br>A) HEADSPACE                                      |                                           |            |      |                | 10-14-05 | BC      |
|                     | B) TRIGGER PULL                                                       | +/- .5 LBS<br>MIN 2.50 LBS<br>MAX 4.0 LBS | 2.47       | 2.57 | 2.74 2.53 2.59 | 10-19-05 | TRC     |
|                     | C) FUNCTION                                                           |                                           |            |      |                | 10-19-05 | BC      |
| 690                 | PACK                                                                  |                                           |            |      |                | 10/24/05 | DA      |

## INITIAL &amp; 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

10/4/05

BGC

|         | 2.50 LBS<br>INITIAL | 2.50 LBS AFTER<br>50 CYCLES | FINAL TEST & TO RESET<br>2.50 LBS |       | COMMENTS |
|---------|---------------------|-----------------------------|-----------------------------------|-------|----------|
| PULL #1 | 2.69                | 2.58                        |                                   | 2.52  |          |
| PULL #2 | 2.64                | 2.63                        |                                   | 2.57  |          |
| PULL #3 | 2.53                | 2.75                        |                                   | 2.54  |          |
| PULL #4 | 2.66                | 2.77                        |                                   | 2.72  |          |
| PULL #5 | 2.10                | 2.52                        |                                   | 2.66  |          |
| TOTAL   | 12.62               | 13.25                       |                                   | 13.01 |          |
| AVERAGE | 2.52                | 2.65                        |                                   | 2.60  |          |

|         | 3.00 LBS<br>INITIAL | 3.00 LBS AFTER<br>20 CYCLES |  | COMMENTS |
|---------|---------------------|-----------------------------|--|----------|
| PULL #1 | 3.00                | 3.33                        |  |          |
| PULL #2 | 3.21                | 3.25                        |  |          |
| PULL #3 | 3.01                | 2.99                        |  |          |
| PULL #4 | 2.96                | 3.11                        |  |          |
| PULL #5 | 2.70                | 3.12                        |  |          |
| TOTAL   | 14.88               | 15.80                       |  |          |
| AVERAGE | 2.98                | 3.16                        |  |          |

|         | 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 | 4.00                | 4.44                        |                                   | 4.26                                    |
| PULL #2 | 4.27                | 4.12                        |                                   | 3.60                                    |
| PULL #3 | 4.20                | 4.05                        |                                   | 4.08                                    |
| PULL #4 | 3.49                | 3.79                        |                                   | 4.02                                    |
| PULL #5 | 3.64                | 3.99                        |                                   | 4.10                                    |
| TOTAL   | 19.60               | 20.39                       |                                   | 20.06                                   |
| AVERAGE | 3.92                | 4.08                        |                                   | 4.01                                    |

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6461632.\_\_0  
FILE DATE AND TIME: 10/18/2005 09:34

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.104 |
| The Average Y Centroid of the Five Target Set:              | 0.017  |
| The Average Point of Impact of the Five Target Set:         | 0.105  |
| The Average Mean Radius of the Five Target Set:             | 0.961  |
| The Distance from POA to Centroid Target #1:                | 0.311  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.395  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.433  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.289  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.323  |

**BARBER - M24 0154013**

SERIAL NUMBER: G6461632. \_\_0

TARGET NUMBER: 1

FILE DATE: 10/18/2005

FILE TIME: 09:34

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.706 | -1.477 |
| 2:     | -0.472 | -0.746 |
| 3:     | -0.321 | -0.483 |
| 4:     | 0.416  | -0.478 |
| 5:     | 0.552  | 0.152  |
| 6:     | 0.311  | 0.754  |
| 7:     | -0.276 | 0.253  |
| 8:     | -0.966 | -0.244 |
| 9:     | -0.432 | 1.586  |
| 10:    | -1.070 | 1.633  |

X CENTROID: -0.296

Y CENTROID: 0.095

POA TO CENTROID: 0.311

HORZ SPREAD: 1.622

VERT SPREAD: 3.110

GROUP SPREAD: 3.131

MIN RADIUS: 0.159

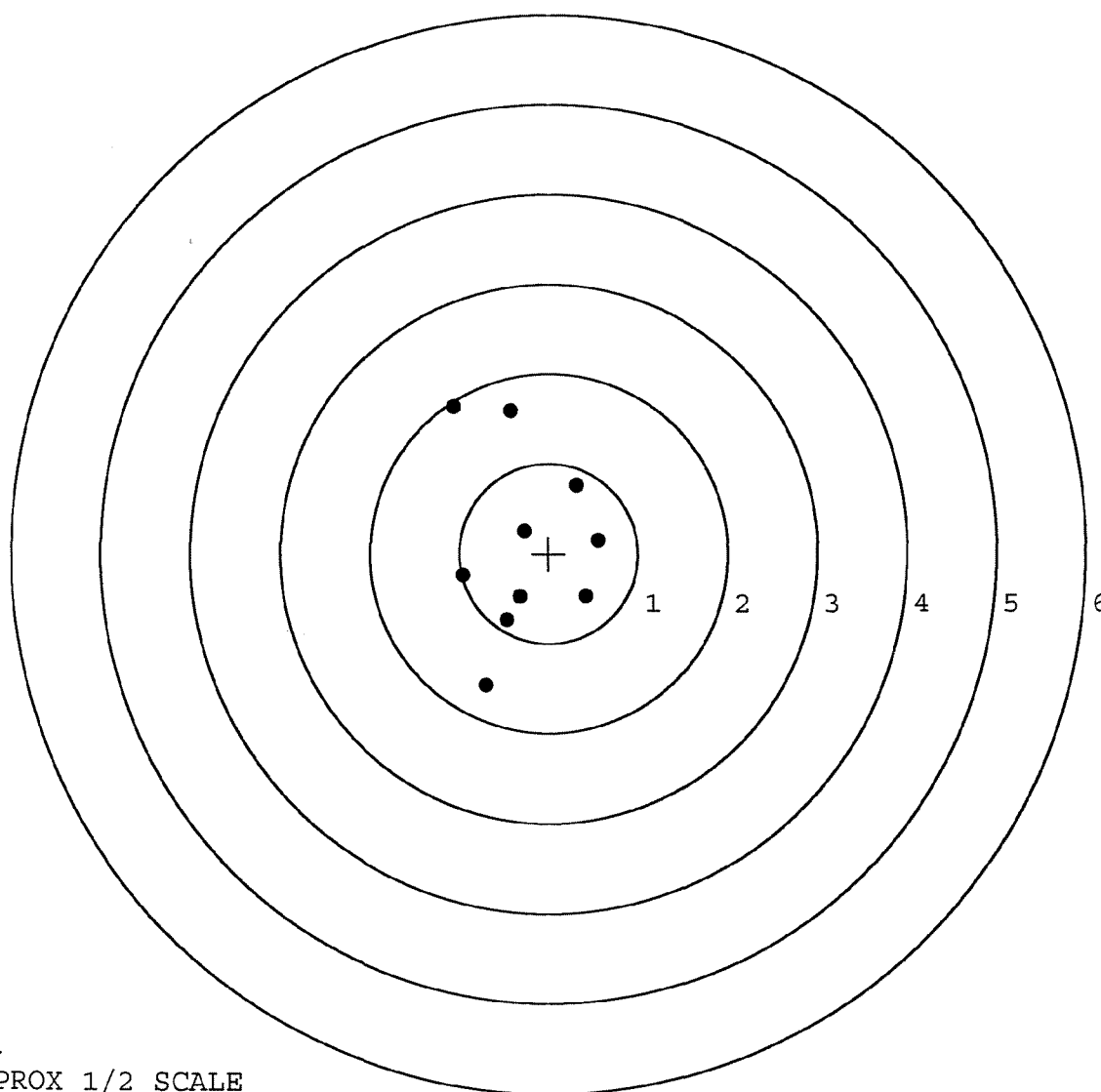
MAX RADIUS: 1.722

MEAN RADIUS: 0.985

# IN 1 IN DIAMETER: 1

# IN 2 IN DIAMETER: 7

# in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

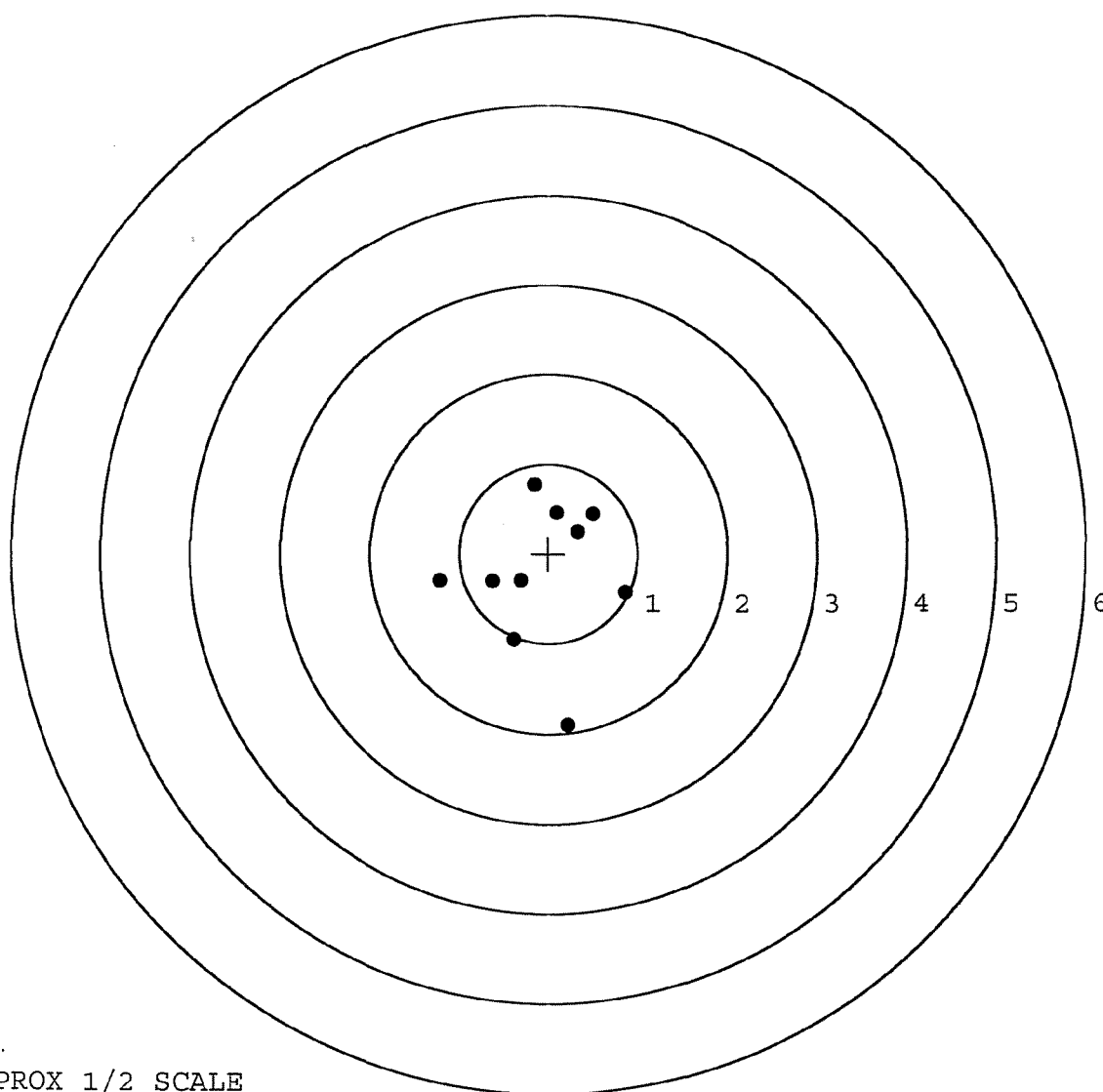


**BARBER - M24 0154014**

SERIAL NUMBER: G6461632. \_\_0  
 TARGET NUMBER: 2  
 FILE DATE: 10/18/2005  
 FILE TIME: 09:34

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.214  | -1.908 |
| 2:     | 0.864  | -0.436 |
| 3:     | -0.391 | -0.962 |
| 4:     | -0.310 | -0.303 |
| 5:     | -0.630 | -0.310 |
| 6:     | -1.217 | -0.300 |
| 7:     | 0.497  | 0.442  |
| 8:     | 0.323  | 0.243  |
| 9:     | 0.088  | 0.457  |
| 10:    | -0.166 | 0.769  |

X CENTROID: -0.073  
 Y CENTROID: -0.231  
 POA TO CENTROID: 0.242  
 HORZ SPREAD: 2.081  
 VERT SPREAD: 2.677  
 GROUP SPREAD: 2.704  
 MIN RADIUS: 0.248  
 MAX RADIUS: 1.702  
 MEAN RADIUS: 0.862  
 # IN 1 IN DIAMETER: 1  
 # IN 2 IN DIAMETER: 7  
 # in 3 IN DIAMETER: 9



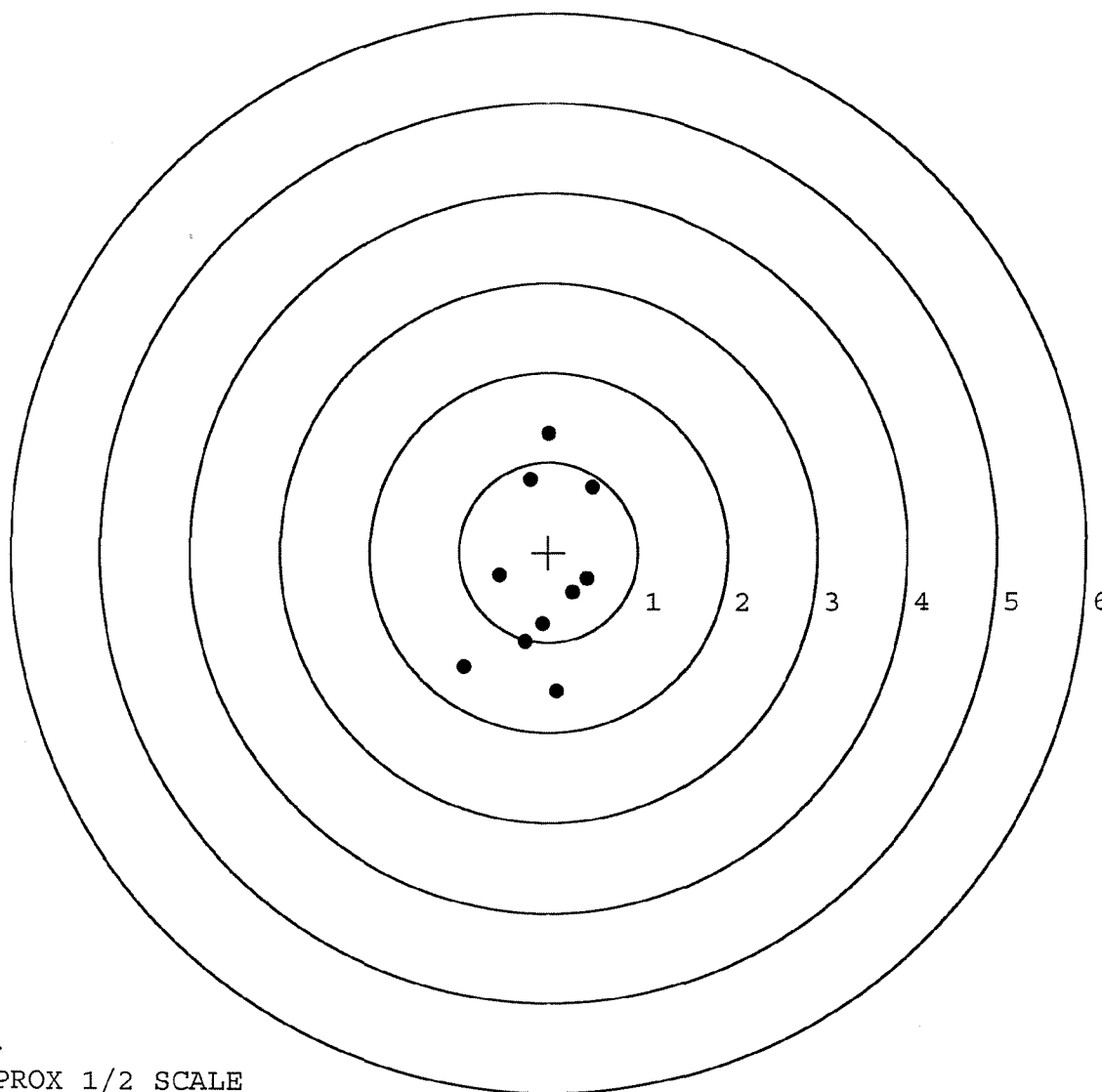
TARGET APPROX 1/2 SCALE

**BARBER - M24 0154015**

SERIAL NUMBER: G6461632. \_\_0  
 TARGET NUMBER: 3  
 FILE DATE: 10/18/2005  
 FILE TIME: 09:34

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.093  | -1.549 |
| 2:     | -0.949 | -1.278 |
| 3:     | -0.266 | -0.994 |
| 4:     | -0.070 | -0.801 |
| 5:     | 0.271  | -0.451 |
| 6:     | 0.428  | -0.297 |
| 7:     | -0.552 | -0.260 |
| 8:     | 0.489  | 0.725  |
| 9:     | -0.213 | 0.813  |
| 10:    | 0.003  | 1.317  |

X CENTROID: -0.077  
 Y CENTROID: -0.277  
 POA TO CENTROID: 0.288  
 HORZ SPREAD: 1.438  
 VERT SPREAD: 2.866  
 GROUP SPREAD: 2.867  
 MIN RADIUS: 0.388  
 MAX RADIUS: 1.596  
 MEAN RADIUS: 0.909  
 # IN 1 IN DIAMETER: 2  
 # IN 2 IN DIAMETER: 5  
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461632. 0

TARGET NUMBER: 4

FILE DATE: 10/18/2005

FILE TIME: 09:34

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.317  | -0.391 |
| 2:     | 0.703  | -0.254 |
| 3:     | 0.334  | -1.149 |
| 4:     | -0.482 | -0.721 |
| 5:     | -0.471 | -0.204 |
| 6:     | -1.121 | 0.336  |
| 7:     | -1.533 | 0.047  |
| 8:     | -0.560 | 1.252  |
| 9:     | -0.201 | 1.465  |
| 10:    | 1.208  | 2.490  |

X CENTROID: -0.081

Y CENTROID: 0.287

POA TO CENTROID: 0.298

HORZ SPREAD: 2.850

VERT SPREAD: 3.639

GROUP SPREAD: 3.742

MIN RADIUS: 0.627

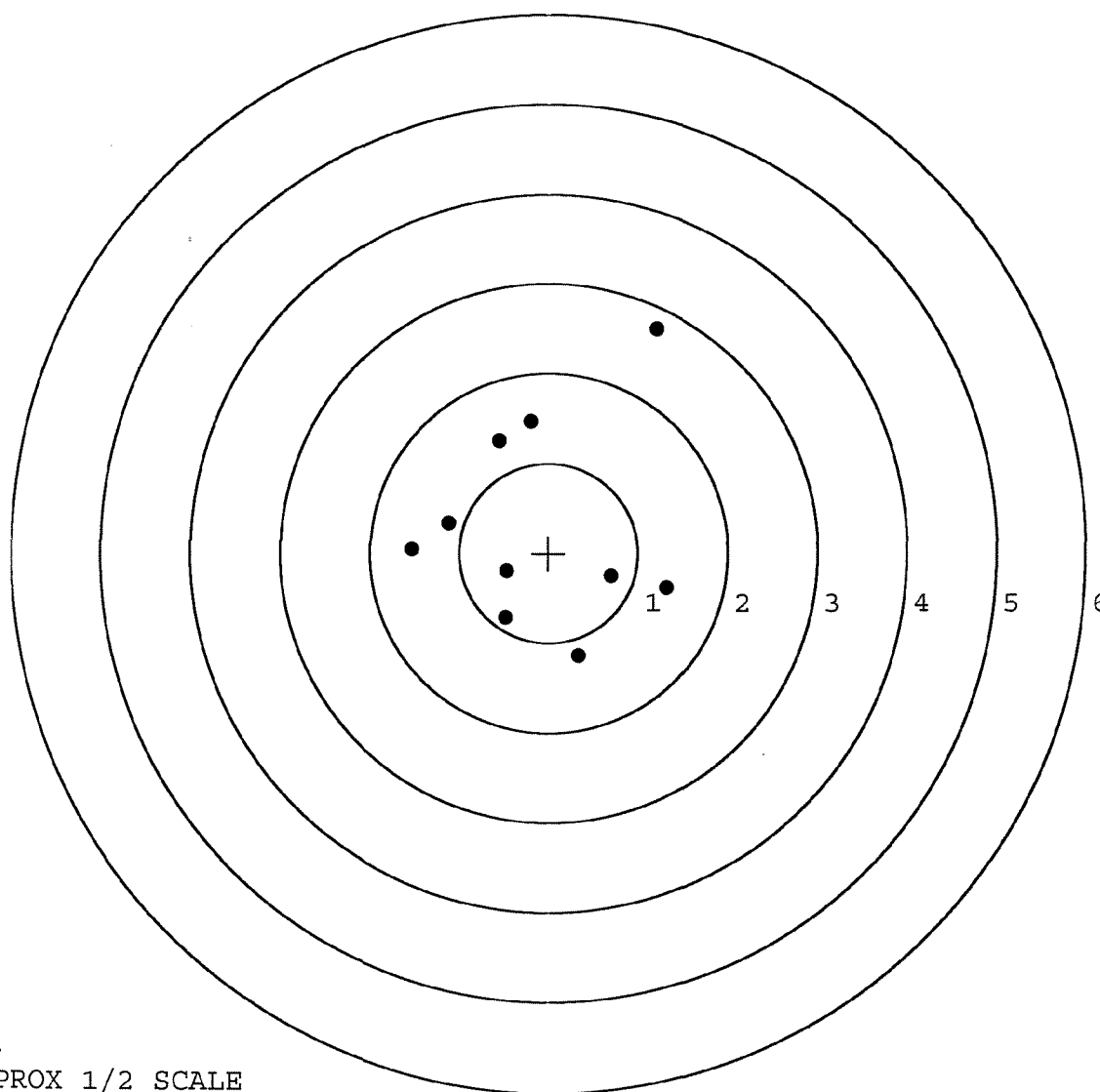
MAX RADIUS: 2.552

MEAN RADIUS: 1.304

# IN 1 IN DIAMETER: 0

# IN 2 IN DIAMETER: 2

# in 3 IN DIAMETER: 8

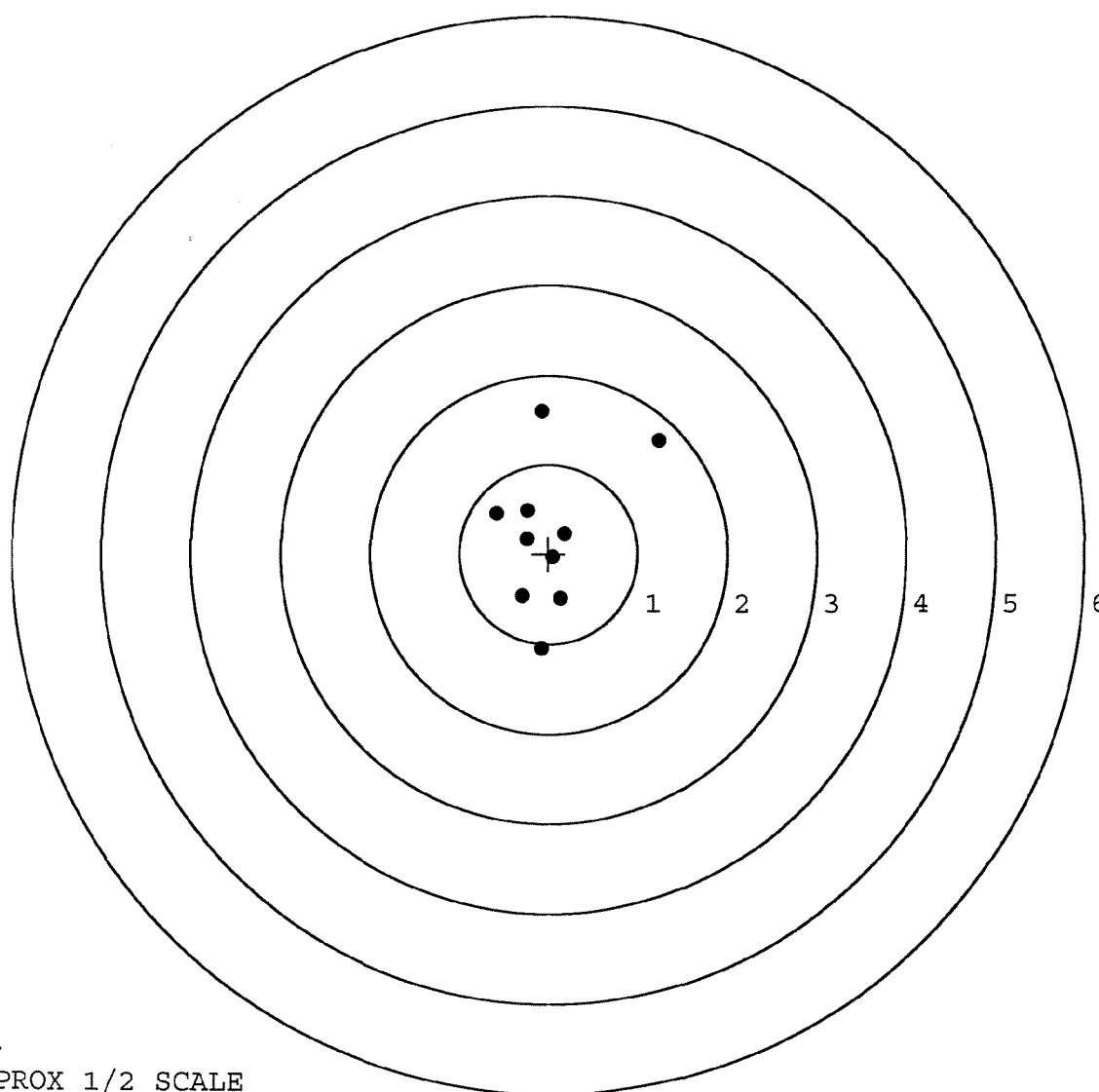


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461632. \_\_0  
 TARGET NUMBER: 5  
 FILE DATE: 10/18/2005  
 FILE TIME: 09:34

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.081 | -1.057 |
| 2:     | 0.138  | -0.504 |
| 3:     | -0.296 | -0.480 |
| 4:     | 1.233  | 1.269  |
| 5:     | -0.082 | 1.595  |
| 6:     | -0.587 | 0.447  |
| 7:     | -0.246 | 0.486  |
| 8:     | 0.179  | 0.224  |
| 9:     | -0.251 | 0.161  |
| 10:    | 0.051  | -0.045 |

X CENTROID: 0.006  
 Y CENTROID: 0.210  
 POA TO CENTROID: 0.210  
 HORZ SPREAD: 1.820  
 VERT SPREAD: 2.652  
 GROUP SPREAD: 2.671  
 MIN RADIUS: 0.174  
 MAX RADIUS: 1.621  
 MEAN RADIUS: 0.746  
 # IN 1 IN DIAMETER: 4  
 # IN 2 IN DIAMETER: 7  
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE