

G646 1524

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

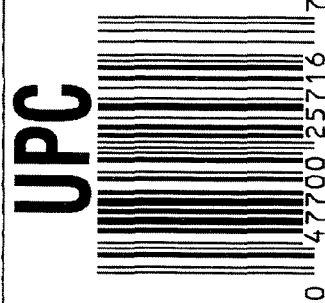
- INSTRUCTION BOOK 3518

DD FORM



|               |              |
|---------------|--------------|
| ORDER NO.     | <b>25716</b> |
| BARREL LENGTH | 24"          |
| CAPACITY      | 6            |

**G6461524**



**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.



66461524

## INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G 6461524

| OP #         | OPERATION NAME                                                                                                                         | READINGS                  | DATE     | INITIAL |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------|---------------------------|----------|---------|
| 420 &<br>430 | ASSEMBLE ACTION<br>ASSEMBLE TO STOCK                                                                                                   |                           | 10-4-05  | RTL     |
| 440          | PROOF                                                                                                                                  | MAGNA-FLUX                | 10-5-05  | BG      |
| 460          | CHECK HEADSPACE                                                                                                                        | INSPECTED                 | 10-5-05  | BG      |
| 470          | DIS-ASSEMBLE ACTION                                                                                                                    | OCT 10 2005               | 10-6-05  | RTL     |
| 480 &<br>490 | MAGNAFLUX BBL ACTION<br>MAGNAFLUX BOLT                                                                                                 | 6/1/80 OPERATOR <u>CW</u> | 10/10/05 | CW      |
| 500          | ROLLMARK CALIBER                                                                                                                       |                           | 10-10-05 | CW      |
| 510          | DRILL AND TAP<br>SIGHT HOLES                                                                                                           |                           | 10-7-05  | TRW     |
| 520          | GOFF BLAST BBL / REC                                                                                                                   |                           | 10-14-05 | LB      |
| 530 &<br>540 | APPLY COATINGS<br>(BARREL ACTION)                                                                                                      |                           | 10/19/05 | TRB     |
|              | (BOLT)                                                                                                                                 |                           | 10/19/05 | TRB     |
| 560          | RE-ASSEMBLE ACTION<br>A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                                                                              |                           | 10/20/05 | DA      |
|              | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD                                                                         |                           | 10/20/05 | DA      |
|              | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                                                                                                 |                           | 10/20/05 | DA      |
|              | D) OIL FIRING PIN ASSEMBLY                                                                                                             |                           | 10-20-05 | RTL     |
|              | 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> |                           |          |         |

REV-8405

| OP #         | OPERATION NAME                                                           | READINGS                                                    | DATE     | INITIAL |
|--------------|--------------------------------------------------------------------------|-------------------------------------------------------------|----------|---------|
| 560          | F) SAFETY ON FORCE <span>2 LBS MIN<br/>10 LBS MAX</span>                 | <u>6.5</u> <u>6.0</u> <u>6.0</u>                            | 11/11/05 | DA      |
| CONT.        |                                                                          |                                                             |          |         |
|              | G) SAFETY OFF FORCE <span>2 LBS MIN</span>                               | <u>2.5</u> <u>2.5</u> <u>3.0</u>                            | 11/11/05 | DA      |
|              | H) TRIGGER PULL TEST<br>AND RETAINABILITY                                |                                                             |          |         |
|              | I) FIRING PIN INDENT <span>.020 MIN</span>                               | <u>1023</u> <u>1022</u> <u>1023</u>                         | 11/11/05 | DA      |
|              | J) ASSEMBLE STOCK                                                        |                                                             | 10-26-05 | RTL     |
|              | K) ASSEMBLE SWIVEL<br>STUDS                                              |                                                             | 11-17-05 | BG      |
|              | L) ATTACH FRONT AND<br>REAR SIGHT ASSY'S                                 |                                                             | 11-17-05 | BG      |
|              | M) IRON SIGHT<br>ALIGNMENT                                               |                                                             | 11-17-05 | BG      |
|              | N) DETACH FRONT AND<br>REAR SIGHTS AND PLACE<br>IN NUMBERED CONTAINER    |                                                             | 11-17-05 | BG      |
| 640 &<br>650 | FUNCTION TEST AND<br>TARGET                                              | <u>PASS</u> <u>FAIL</u><br><u>PASS</u> <u>FAIL</u>          | 10/27/05 | MAD     |
|              | MALFUNCTION                                                              | CORRECTION                                                  |          |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |          |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |          |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |          |         |
| 660          | INSPECT FOR LIVE AMMO                                                    |                                                             | 10/27/05 | mjm     |
| 670          | FINAL INSPECTION<br>A) HEADSPACE                                         |                                                             | 11-17-05 | BG      |
|              | B) TRIGGER PULL <span>+/- .5 LBS<br/>MIN 2.50 LBS<br/>MAX 4.0 LBS</span> | <u>2.80</u> <u>2.82</u> <u>2.82</u> <u>2.88</u> <u>2.74</u> | 11/11/05 | DA      |
|              | C) FUNCTION                                                              |                                                             | 11-17-05 | BG      |
| 690          | PACK                                                                     |                                                             |          |         |

AVERAGE OF 5 CYCLES OF TESTS  
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 10-26-05

TESTER R.P.

|         | 2.50 LBS<br>INITIAL | 2.50 LBS AFTER<br>50 CYCLES | FINAL TEST & TO RESET<br>2.50 LBS |       | COMMENTS |
|---------|---------------------|-----------------------------|-----------------------------------|-------|----------|
| PULL #1 | 2.61                | 2.60                        |                                   | 2.53  |          |
| PULL #2 | 2.54                | 2.53                        |                                   | 2.27  |          |
| PULL #3 | 2.56                | 2.34                        |                                   | 2.58  |          |
| PULL #4 | 2.41                | 2.61                        |                                   | 2.53  |          |
| PULL #5 | 2.62                | 2.51                        |                                   | 2.65  |          |
| TOTAL   | 12.74               | 12.59                       |                                   | 12.56 |          |
| AVERAGE | 2.54                | 2.51                        |                                   | 2.51  |          |

|         | 3.00 LBS<br>INITIAL | 3.00 LBS AFTER<br>20 CYCLES |  | COMMENTS |
|---------|---------------------|-----------------------------|--|----------|
| PULL #1 | 3.08                | 2.91                        |  |          |
| PULL #2 | 3.06                | 3.15                        |  |          |
| PULL #3 | 2.94                | 3.06                        |  |          |
| PULL #4 | 2.96                | 3.23                        |  |          |
| PULL #5 | 3.11                | 3.19                        |  |          |
| TOTAL   | 15.15               | 15.54                       |  |          |
| AVERAGE | 3.03                | 3.10                        |  |          |

|         | 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 | 4.05                | 4.28                        |                                   | 3.97                                    |
| PULL #2 | 4.03                | 4.25                        |                                   | 3.98                                    |
| PULL #3 | 4.03                | 4.18                        |                                   | 4.04                                    |
| PULL #4 | 4.02                | 4.26                        |                                   | 4.08                                    |
| PULL #5 | 4.00                | 4.20                        |                                   | 4.09                                    |
| TOTAL   | 20.13               | 21.17                       |                                   | 20.16                                   |
| AVERAGE | 4.02                | 4.23                        |                                   | 4.03                                    |

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6461524.\_\_\_0  
FILE DATE AND TIME: 10/31/2005 11:35

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.047 |
| The Average Y Centroid of the Five Target Set:              | -0.156 |
| The Average Point of Impact of the Five Target Set:         | 0.162  |
| The Average Mean Radius of the Five Target Set:             | 0.830  |
| The Distance from POA to Centroid Target #1:                | 0.104  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.170  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.064  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.125  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.169  |

SERIAL NUMBER: G6461524. 0

TARGET NUMBER: 1

FILE DATE: 10/31/2005

FILE TIME: 11:35

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.027  | -1.354 |
| 2:     | -0.134 | -0.664 |
| 3:     | -0.414 | -0.479 |
| 4:     | -0.972 | -0.254 |
| 5:     | 0.050  | -0.160 |
| 6:     | 0.044  | 0.135  |
| 7:     | 0.408  | 0.314  |
| 8:     | 0.668  | 0.635  |
| 9:     | -0.013 | 0.626  |
| 10:    | -0.270 | 0.357  |

X CENTROID: -0.061

Y CENTROID: -0.084

POA TO CENTROID: 0.104

HORZ SPREAD: 1.640

VERT SPREAD: 1.989

GROUP SPREAD: 2.090

MIN RADIUS: 0.134

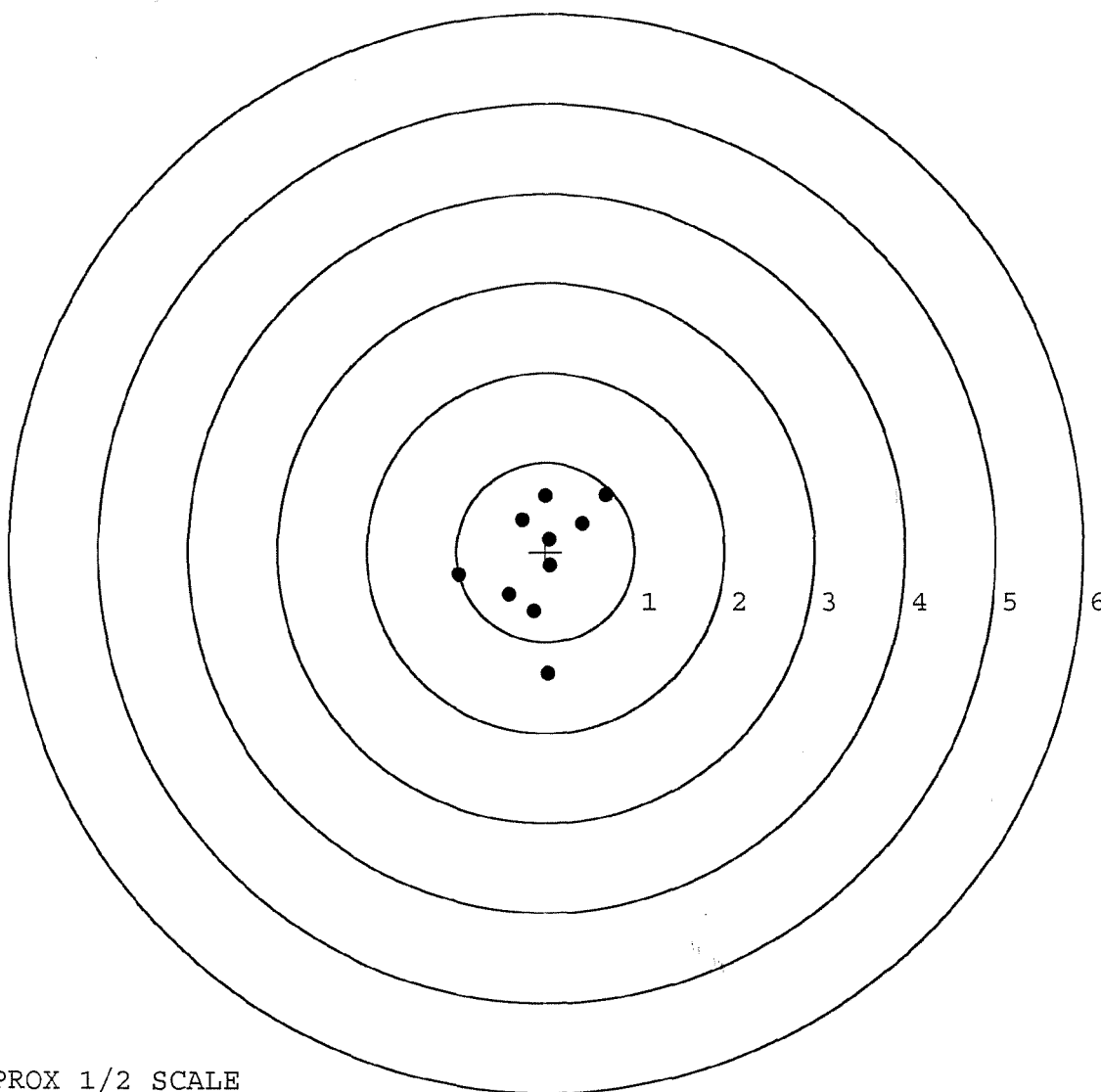
MAX RADIUS: 1.273

MEAN RADIUS: 0.653

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461524. 0

TARGET NUMBER: 2

FILE DATE: 10/31/2005

FILE TIME: 11:35

X CENTROID: -0.144

Y CENTROID: -0.233

POA TO CENTROID: 0.274

HORZ SPREAD: 2.301

VERT SPREAD: 2.423

GROUP SPREAD: 3.003

MIN RADIUS: 0.403

MAX RADIUS: 1.612

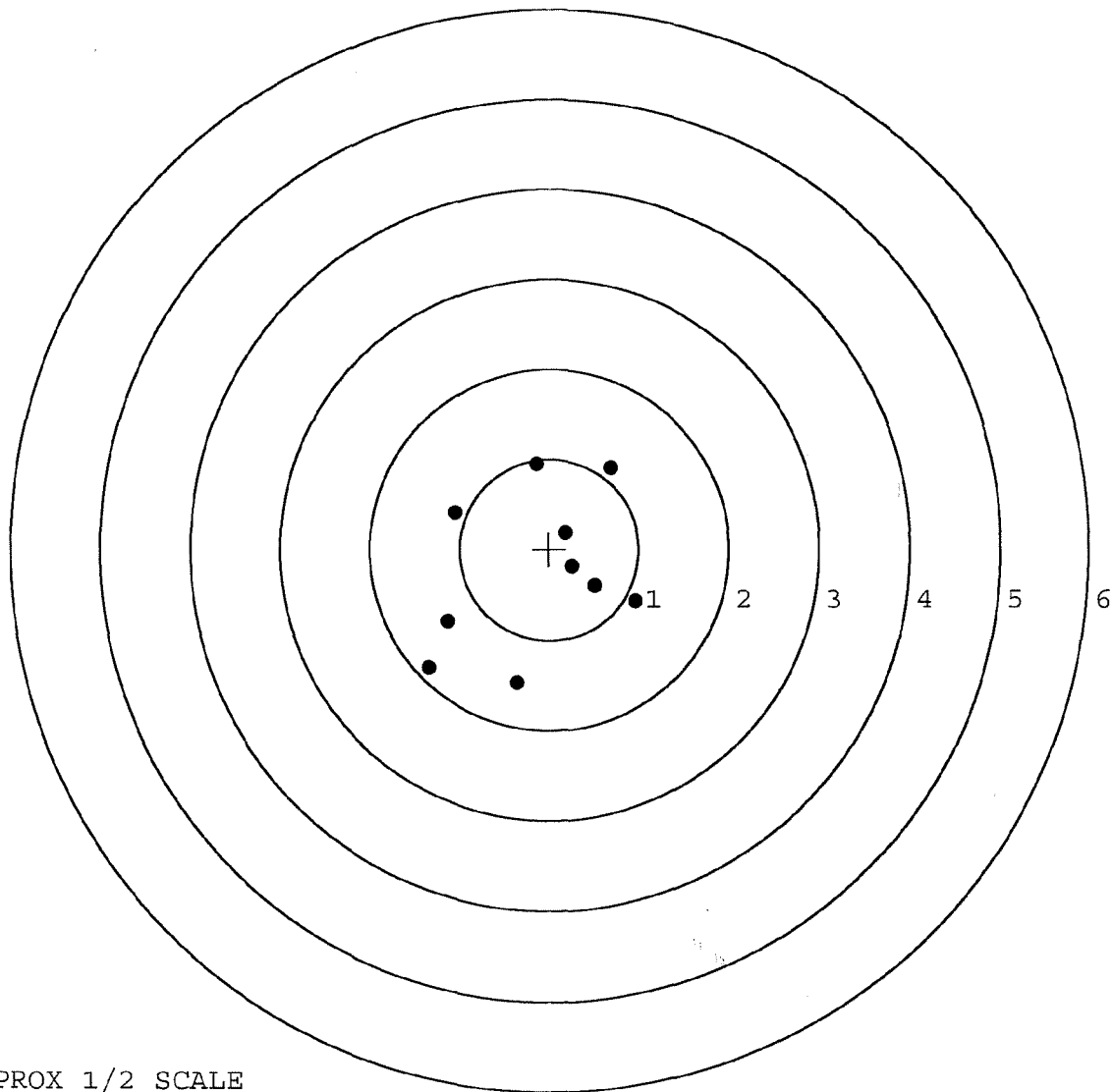
MEAN RADIUS: 1.047

# IN 1 IN DIAMETER: 1

# IN 2 IN DIAMETER: 3

# in 3 IN DIAMETER: 9

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.961  | -0.574 |
| 2:     | 0.508  | -0.406 |
| 3:     | 0.257  | -0.189 |
| 4:     | 0.184  | 0.176  |
| 5:     | 0.688  | 0.902  |
| 6:     | -0.142 | 0.946  |
| 7:     | -1.054 | 0.402  |
| 8:     | -1.134 | -0.797 |
| 9:     | -1.340 | -1.313 |
| 10:    | -0.364 | -1.477 |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461524. \_\_0

TARGET NUMBER: 3

FILE DATE: 10/31/2005

FILE TIME: 11:35

X CENTROID: -0.093

Y CENTROID: -0.140

POA TO CENTROID: 0.168

HORZ SPREAD: 2.235

VERT SPREAD: 1.957

GROUP SPREAD: 2.347

MIN RADIUS: 0.045

MAX RADIUS: 1.414

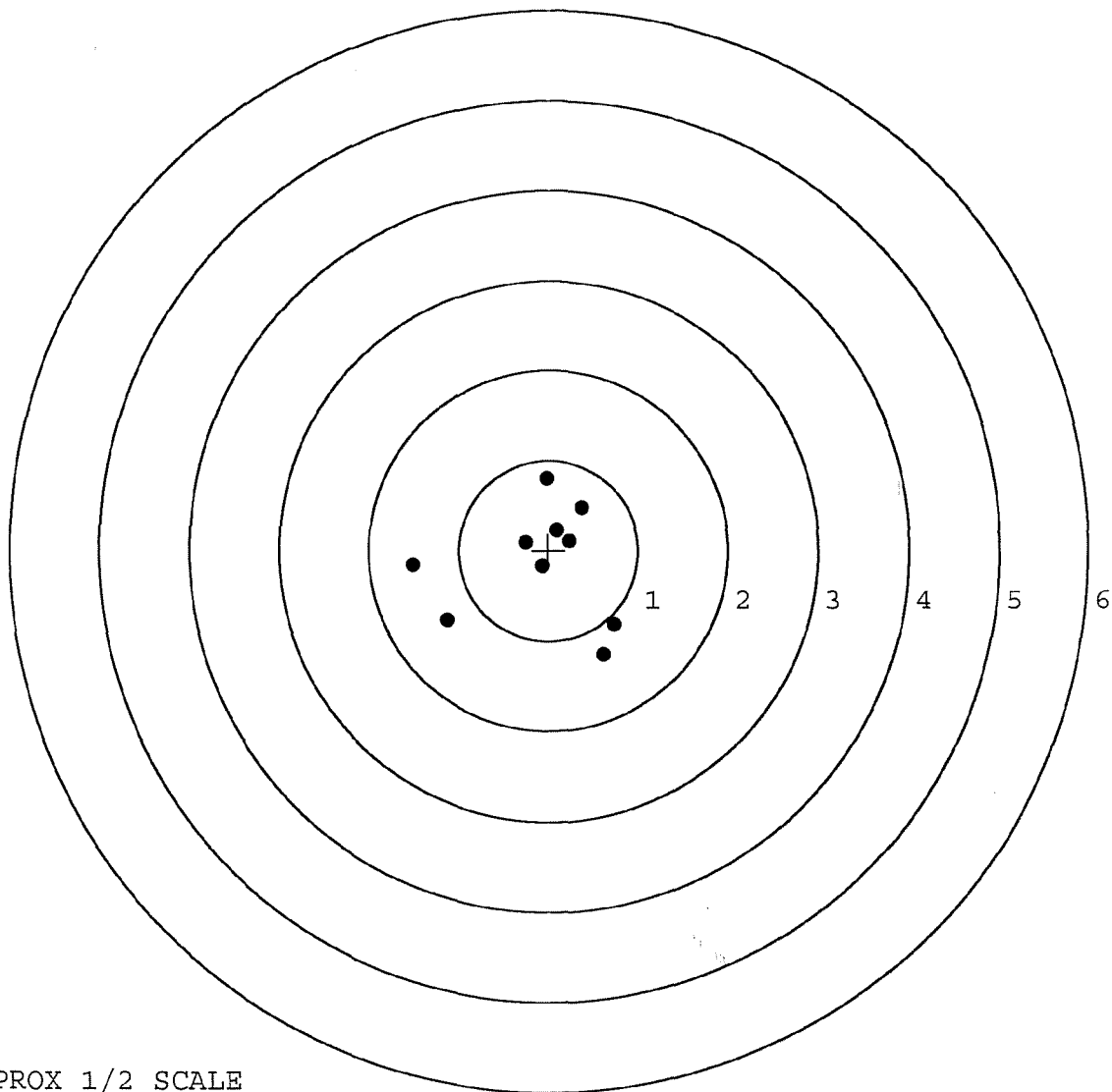
MEAN RADIUS: 0.781

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 6

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.620  | -1.159 |
| 2:     | 0.728  | -0.822 |
| 3:     | -0.069 | -0.178 |
| 4:     | 0.237  | 0.113  |
| 5:     | 0.097  | 0.221  |
| 6:     | -0.258 | 0.092  |
| 7:     | 0.370  | 0.479  |
| 8:     | -0.024 | 0.798  |
| 9:     | -1.507 | -0.166 |
| 10:    | -1.128 | -0.777 |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461524. 0

TARGET NUMBER: 4

FILE DATE: 10/31/2005

FILE TIME: 11:35

X CENTROID: 0.064

Y CENTROID: -0.078

POA TO CENTROID: 0.101

HORZ SPREAD: 1.992

VERT SPREAD: 3.267

GROUP SPREAD: 3.382

MIN RADIUS: 0.167

MAX RADIUS: 1.722

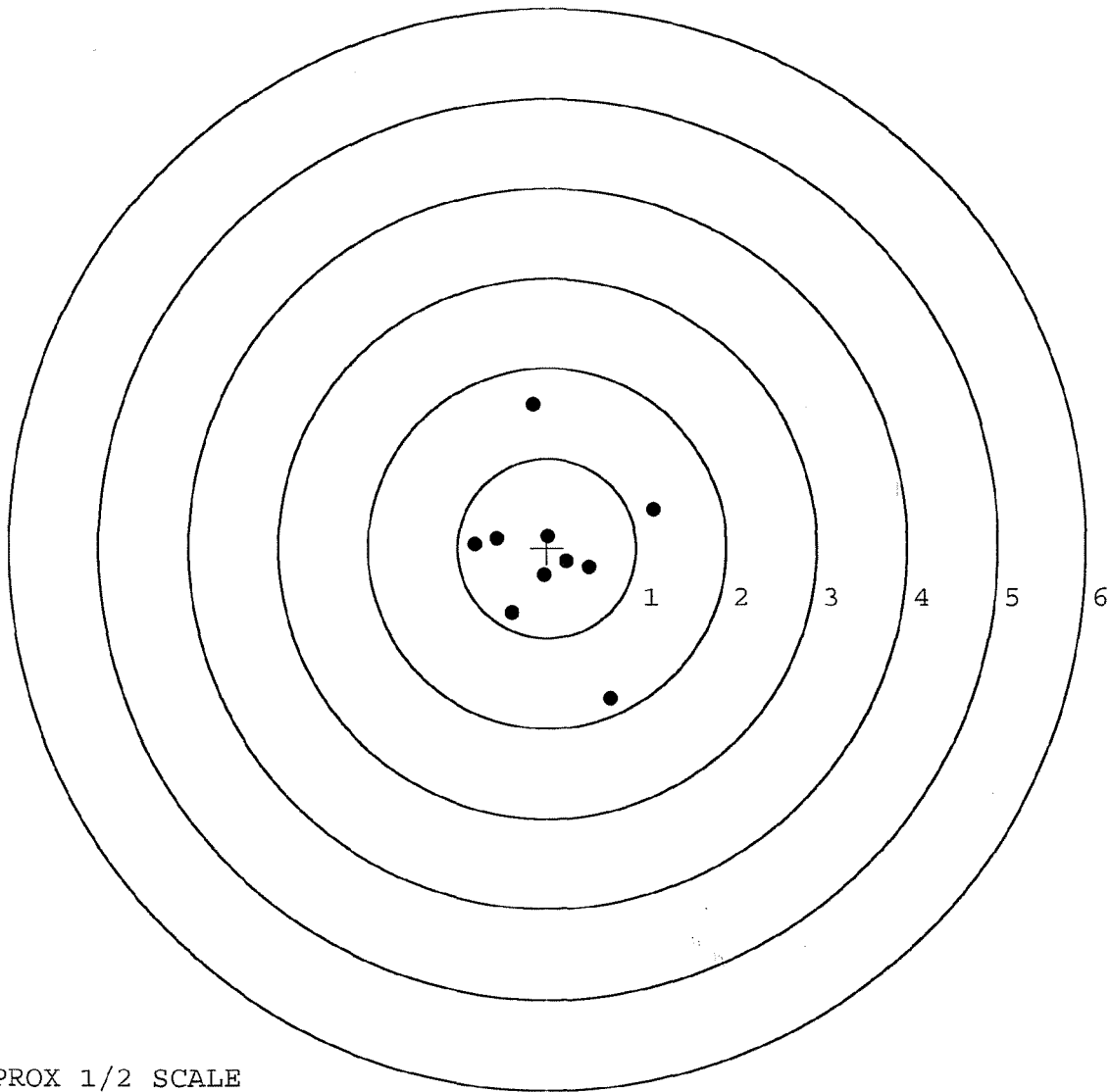
MEAN RADIUS: 0.803

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 7

# in 3 IN DIAMETER: 8

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.711  | -1.674 |
| 2:     | -0.396 | -0.729 |
| 3:     | 1.191  | 0.430  |
| 4:     | -0.163 | 1.593  |
| 5:     | -0.801 | 0.041  |
| 6:     | -0.561 | 0.110  |
| 7:     | 0.007  | 0.127  |
| 8:     | 0.215  | -0.149 |
| 9:     | 0.473  | -0.218 |
| 10:    | -0.035 | -0.313 |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461524. 0

TARGET NUMBER: 5

FILE DATE: 10/31/2005

FILE TIME: 11:35

X CENTROID: 0.000

Y CENTROID: -0.242

POA TO CENTROID: 0.242

HORZ SPREAD: 1.305

VERT SPREAD: 2.845

GROUP SPREAD: 2.872

MIN RADIUS: 0.253

MAX RADIUS: 1.481

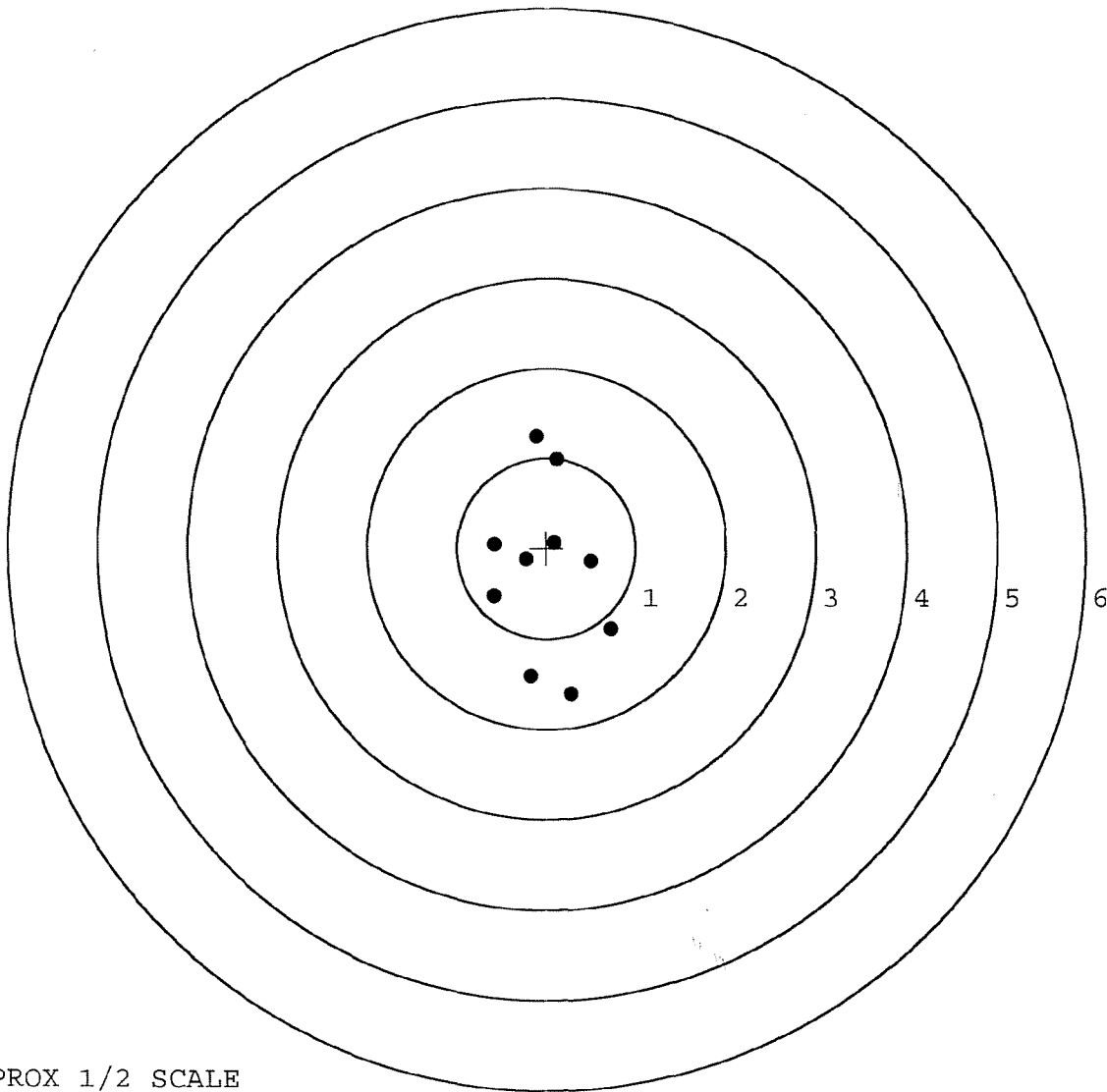
MEAN RADIUS: 0.864

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 6

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.277  | -1.611 |
| 2:     | -0.178 | -1.418 |
| 3:     | 0.716  | -0.900 |
| 4:     | 0.494  | -0.147 |
| 5:     | 0.087  | 0.056  |
| 6:     | -0.227 | -0.131 |
| 7:     | -0.581 | 0.044  |
| 8:     | -0.589 | -0.532 |
| 9:     | 0.114  | 0.983  |
| 10:    | -0.114 | 1.234  |



TARGET APPROX 1/2 SCALE