

G653 5422

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



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**UPC**



SERIAL NO.



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

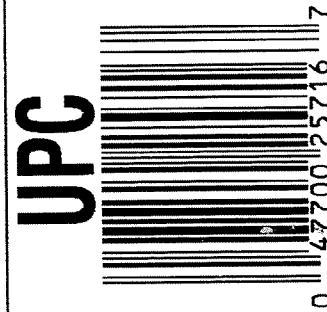
- INSTRUCTION BOOK 3518

DD FORM



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

**G6535422**



## INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6535422

| OP #         | OPERATION NAME                                                                                                                         | READINGS                           | DATE    | INITIAL |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|---------|---------|
| 420 &<br>430 | ASSEMBLE ACTION<br>ASSEMBLE TO STOCK                                                                                                   |                                    | 2/27/06 | RTZ     |
| 440          | PROOF                                                                                                                                  |                                    | 2/27/06 | MPD     |
| 460          | CHECK HEADSPACE                                                                                                                        | MAGNA-FLUX<br>INSPECTION           | 2/27/06 | MPD     |
| 470          | DIS-ASSEMBLE ACTION                                                                                                                    | MAR 01 2006                        | 2-28-06 | RTZ     |
| 480 &<br>490 | MAGNAFLUX BBL ACTION<br>MAGNAFLUX BOLT                                                                                                 | OP #<br>480<br>OPERATOR <u>CPD</u> | 3-1-06  | QPD     |
| 500          | ROLLMARK CALIBER                                                                                                                       |                                    | 3-1-06  | CW      |
| 510          | DRILL AND TAP<br>SIGHT HOLES                                                                                                           |                                    | 2-28-06 | TRW     |
| 520          | GOFF BLAST BBL / REC                                                                                                                   |                                    | 3-2-06  | LB      |
| 530 &<br>540 | APPLY COATINGS<br>(BARREL ACTION)                                                                                                      |                                    | 3/10    | HP      |
|              | (BOLT)                                                                                                                                 |                                    |         |         |
| 560          | RE-ASSEMBLE ACTION                                                                                                                     |                                    |         |         |
|              | A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                                                                                                    |                                    | 4/12/06 | MPD     |
|              | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD                                                                         |                                    | 4/12/06 | MPD     |
|              | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                                                                                                 |                                    | 4/12/06 | MPD     |
|              | D) OIL FIRING PIN ASSEMBLY                                                                                                             |                                    | 4-13-06 | AC      |
|              | 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> |                                    | 4-13-06 | AC      |

REV-8405

| OP #         | OPERATION NAME                                                           | READINGS                                                    | DATE    | INITIAL |
|--------------|--------------------------------------------------------------------------|-------------------------------------------------------------|---------|---------|
| 560          | F) SAFETY ON FORCE <span>2 LBS MIN<br/>10 LBS MAX</span>                 | <u>7lbs.</u> <u>7lbs.</u> <u>7lbs.</u>                      | 4-20-06 | MTM     |
| CONT.        |                                                                          |                                                             |         |         |
|              | G) SAFETY OFF FORCE <span>2 LBS MIN</span>                               | <u>4lbs.</u> <u>4lbs.</u> <u>4lbs.</u>                      | 4-20-06 | MTM     |
|              | H) TRIGGER PULL TEST<br>AND RETAINABILITY                                |                                                             | 4-20-06 | MTM     |
|              | I) FIRING PIN INDENT <span>.020 MIN</span>                               | <u>.022</u> <u>.022</u> <u>.022</u>                         | 4-20-06 | MTM     |
|              | J) ASSEMBLE STOCK                                                        |                                                             | 4-13-06 | AK      |
|              | K) ASSEMBLE SWIVEL<br>STUDS                                              |                                                             | 4-20-06 | L.P.D.  |
|              | L) ATTACH FRONT AND<br>REAR SIGHT ASSY'S                                 |                                                             | 4-13-06 | AK      |
|              | M) IRON SIGHT<br>ALIGNMENT                                               |                                                             | 4-13-06 | AK      |
|              | N) DETACH FRONT AND<br>REAR SIGHTS AND PLACE<br>IN NUMBERED CONTAINER    |                                                             | 4-13-06 | AK      |
| 640 &<br>650 | FUNCTION TEST AND<br>TARGET                                              | <span>PASS</span> FAIL<br><span>PASS</span> FAIL            | 4-18-06 | L.P.D.  |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
| 660          | INSPECT FOR LIVE AMMO                                                    |                                                             | 4-18-06 | MTM     |
| 670          | FINAL INSPECTION<br>A) HEADSPACE                                         |                                                             | 4-20-06 | MTM     |
|              | B) TRIGGER PULL <span>+/- .5 LBS<br/>MIN 2.50 LBS<br/>MAX 4.0 LBS</span> | <u>2.95</u> <u>2.75</u> <u>2.98</u> <u>2.71</u> <u>2.44</u> | 4-19-06 | AK      |
|              | C) FUNCTION                                                              |                                                             | 4-20-06 | MTM     |
| 690          | PACK                                                                     |                                                             | 4-21-06 | AK      |

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 4-12-06

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 | 2.49                | 2.61                        |                                   | 2.57  |          |
| PULL #2 | 2.49                | 2.50                        |                                   | 2.46  |          |
| PULL #3 | 2.61                | 2.51                        |                                   | 2.53  |          |
| PULL #4 | 2.50                | 2.30                        |                                   | 2.45  |          |
| PULL #5 | 2.46                | 2.39                        |                                   | 2.46  |          |
| TOTAL   | 12.55               | 12.31                       |                                   | 12.47 |          |
| AVERAGE | 2.51                | 2.46                        |                                   | 2.49  |          |

|         | 3.00 LBS<br>INITIAL | 3.00 LBS AFTER<br>20 CYCLES |  | COMMENTS |
|---------|---------------------|-----------------------------|--|----------|
| PULL #1 | 3.00                | 3.05                        |  |          |
| PULL #2 | 3.12                | 3.13                        |  |          |
| PULL #3 | 3.00                | 3.24                        |  |          |
| PULL #4 | 3.10                | 3.18                        |  |          |
| PULL #5 | 3.02                | 3.00                        |  |          |
| TOTAL   | 15.24               | 15.60                       |  |          |
| AVERAGE | 3.04                | 3.12                        |  |          |

|         | 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 | 4.14                | 4.09                        |                                   | 4.20                                    |
| PULL #2 | 4.16                | 4.07                        |                                   | 4.00                                    |
| PULL #3 | 4.13                | 4.00                        |                                   | 4.16                                    |
| PULL #4 | 4.16                | 4.05                        |                                   | 4.18                                    |
| PULL #5 | 4.06                | 4.10                        |                                   | 4.15                                    |
| TOTAL   | 20.65               | 20.31                       |                                   | 20.69                                   |
| AVERAGE | 4.13                | 4.06                        |                                   | 4.13                                    |

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6535422.\_\_\_0  
FILE DATE AND TIME: 04/18/2006 15:19

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.026 |
| The Average Y Centroid of the Five Target Set:              | 0.100  |
| The Average Point of Impact of the Five Target Set:         | 0.104  |
| The Average Mean Radius of the Five Target Set:             | 0.621  |
| The Distance from POA to Centroid Target #1:                | 0.256  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.234  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.382  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.257  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.208  |

SERIAL NUMBER: G6535422. 0

TARGET NUMBER: 1

FILE DATE: 04/18/2006

FILE TIME: 15:19

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.850 | -0.292 |
| 2:     | -0.581 | -0.597 |
| 3:     | -0.319 | -0.181 |
| 4:     | -0.259 | 0.103  |
| 5:     | 0.640  | 0.130  |
| 6:     | 0.251  | 0.244  |
| 7:     | -0.072 | 0.813  |
| 8:     | -0.298 | 0.739  |
| 9:     | -0.245 | 0.544  |
| 10:    | 0.001  | 0.385  |

X CENTROID: -0.173

Y CENTROID: 0.189

POA TO CENTROID: 0.256

HORZ SPREAD: 1.490

VERT SPREAD: 1.410

GROUP SPREAD: 1.499

MIN RADIUS: 0.121

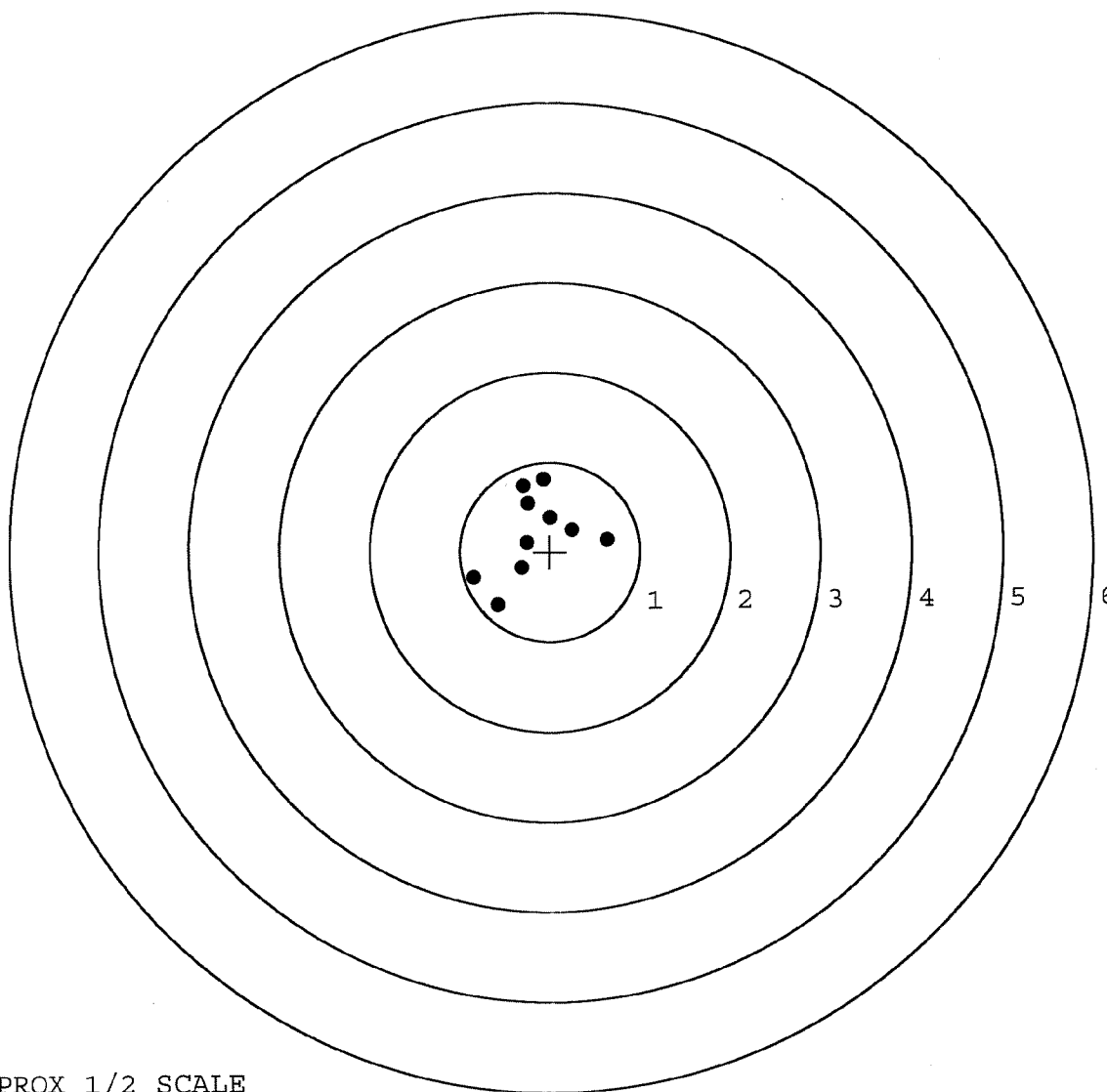
MAX RADIUS: 0.885

MEAN RADIUS: 0.530

# IN 1 IN DIAMETER: 5

# IN 2 IN DIAMETER: 10

# in 3 IN DIAMETER: 10

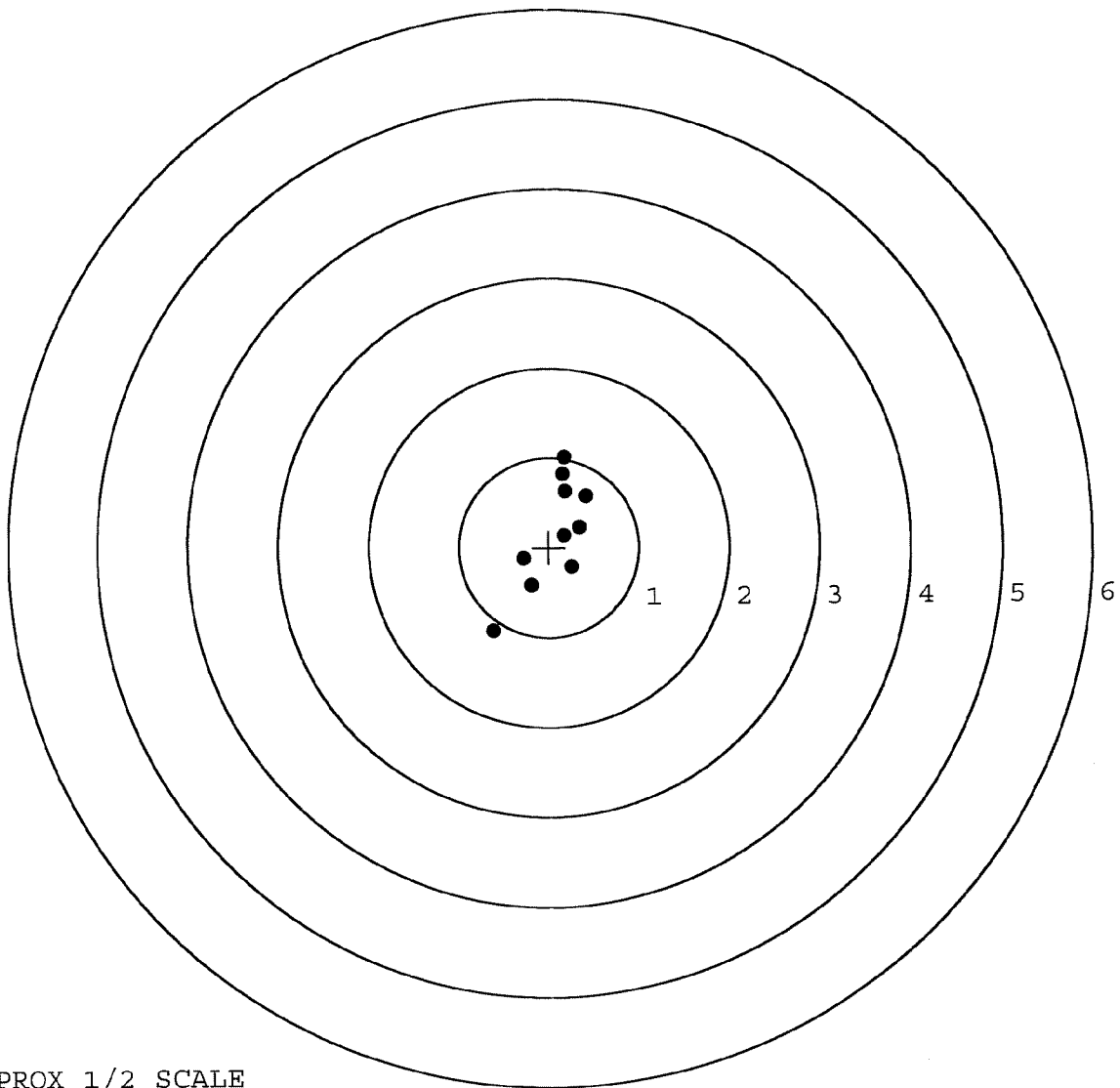


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535422. \_\_0  
 TARGET NUMBER: 2  
 FILE DATE: 04/18/2006  
 FILE TIME: 15:19

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.622 | -0.929 |
| 2:     | -0.199 | -0.433 |
| 3:     | -0.283 | -0.133 |
| 4:     | 0.259  | -0.223 |
| 5:     | 0.167  | 0.127  |
| 6:     | 0.340  | 0.222  |
| 7:     | 0.419  | 0.570  |
| 8:     | 0.176  | 1.005  |
| 9:     | 0.158  | 0.816  |
| 10:    | 0.184  | 0.623  |

X CENTROID: 0.060  
 Y CENTROID: 0.165  
 POA TO CENTROID: 0.175  
 HORZ SPREAD: 1.041  
 VERT SPREAD: 1.934  
 GROUP SPREAD: 2.092  
 MIN RADIUS: 0.113  
 MAX RADIUS: 1.289  
 MEAN RADIUS: 0.575  
 # IN 1 IN DIAMETER: 5  
 # IN 2 IN DIAMETER: 9  
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535422. \_\_0

TARGET NUMBER: 3

FILE DATE: 04/18/2006

FILE TIME: 15:19

X CENTROID: -0.135

Y CENTROID: -0.191

POA TO CENTROID: 0.234

HORZ SPREAD: 1.542

VERT SPREAD: 1.772

GROUP SPREAD: 2.159

MIN RADIUS: 0.215

MAX RADIUS: 1.232

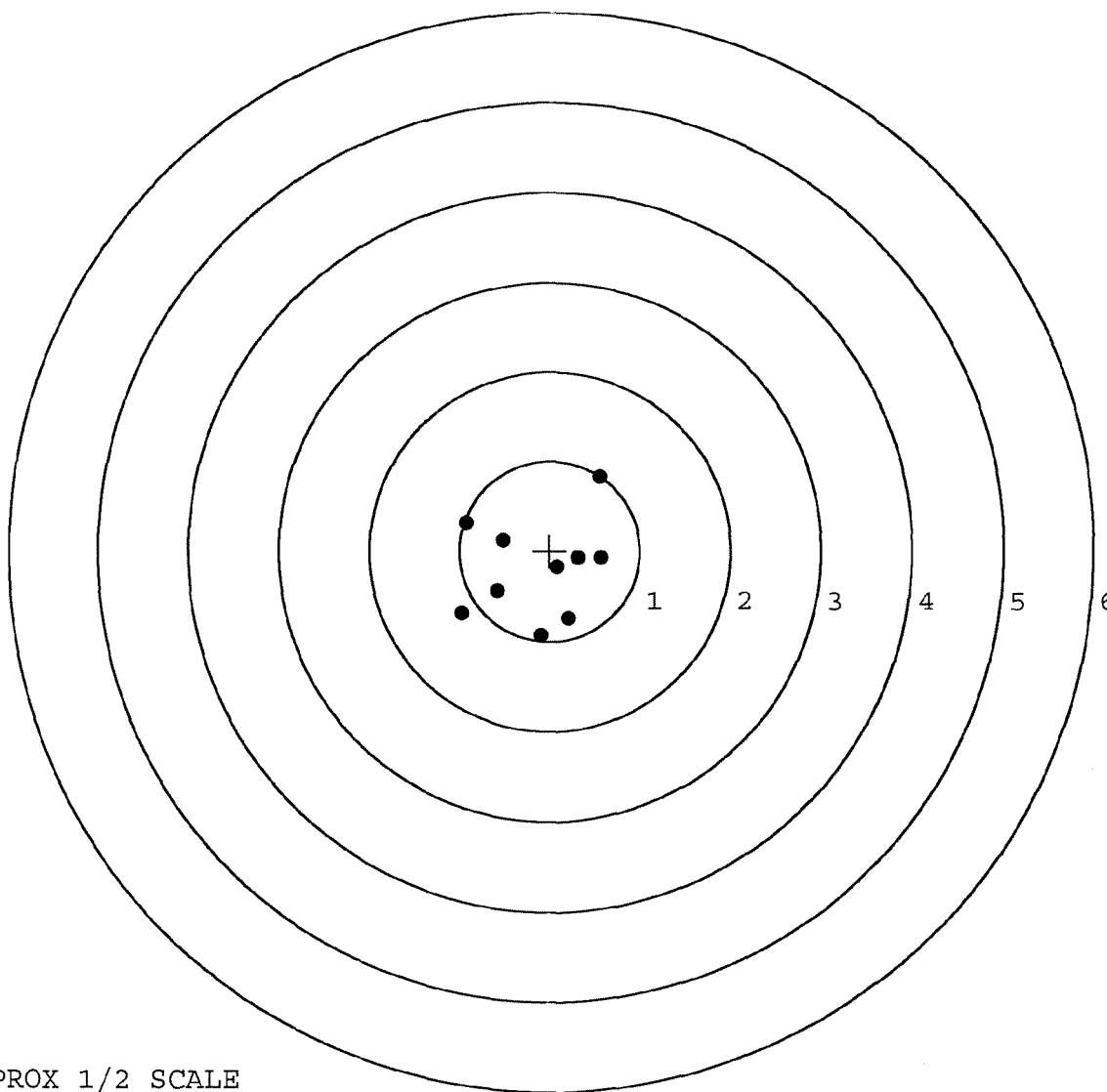
MEAN RADIUS: 0.697

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.094 | -0.946 |
| 2:     | 0.215  | -0.748 |
| 3:     | -0.969 | -0.699 |
| 4:     | -0.583 | -0.442 |
| 5:     | -0.928 | 0.311  |
| 6:     | -0.519 | 0.123  |
| 7:     | 0.559  | 0.826  |
| 8:     | 0.080  | -0.186 |
| 9:     | 0.316  | -0.078 |
| 10:    | 0.573  | -0.076 |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535422. 0

TARGET NUMBER: 4

FILE DATE: 04/18/2006

FILE TIME: 15:19

X CENTROID: 0.083

Y CENTROID: 0.163

POA TO CENTROID: 0.183

HORZ SPREAD: 2.036

VERT SPREAD: 1.577

GROUP SPREAD: 2.060

MIN RADIUS: 0.038

MAX RADIUS: 1.265

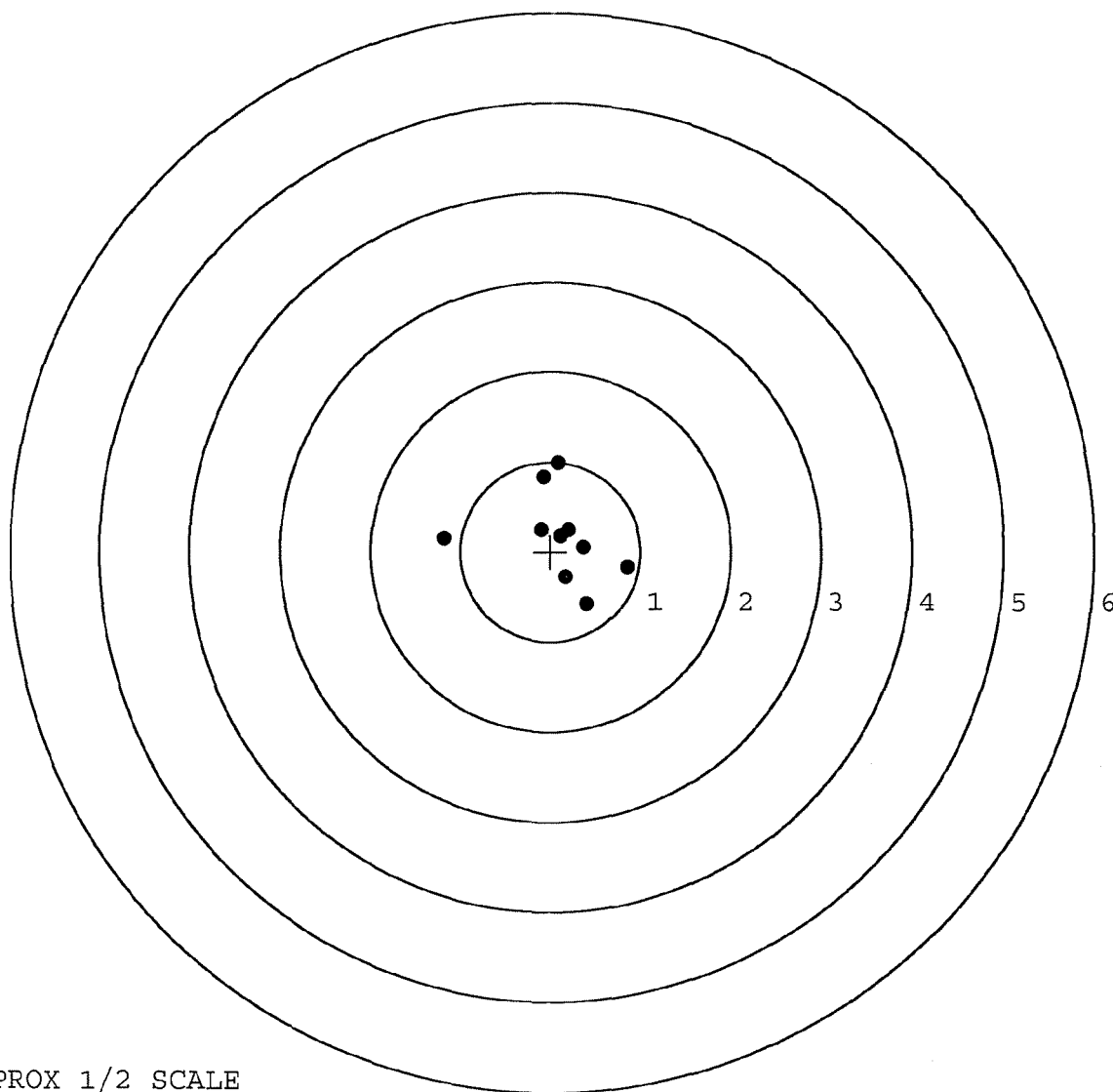
MEAN RADIUS: 0.558

# IN 1 IN DIAMETER: 5

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.080  | 0.991  |
| 2:     | -0.081 | 0.827  |
| 3:     | -1.182 | 0.141  |
| 4:     | 0.854  | -0.171 |
| 5:     | 0.401  | -0.586 |
| 6:     | 0.169  | -0.286 |
| 7:     | 0.369  | 0.047  |
| 8:     | 0.203  | 0.244  |
| 9:     | -0.103 | 0.244  |
| 10:    | 0.119  | 0.176  |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535422. \_\_0

TARGET NUMBER: 5

FILE DATE: 04/18/2006

FILE TIME: 15:19

X CENTROID: 0.035

Y CENTROID: 0.177

POA TO CENTROID: 0.180

HORZ SPREAD: 1.511

VERT SPREAD: 2.521

GROUP SPREAD: 2.579

MIN RADIUS: 0.166

MAX RADIUS: 1.452

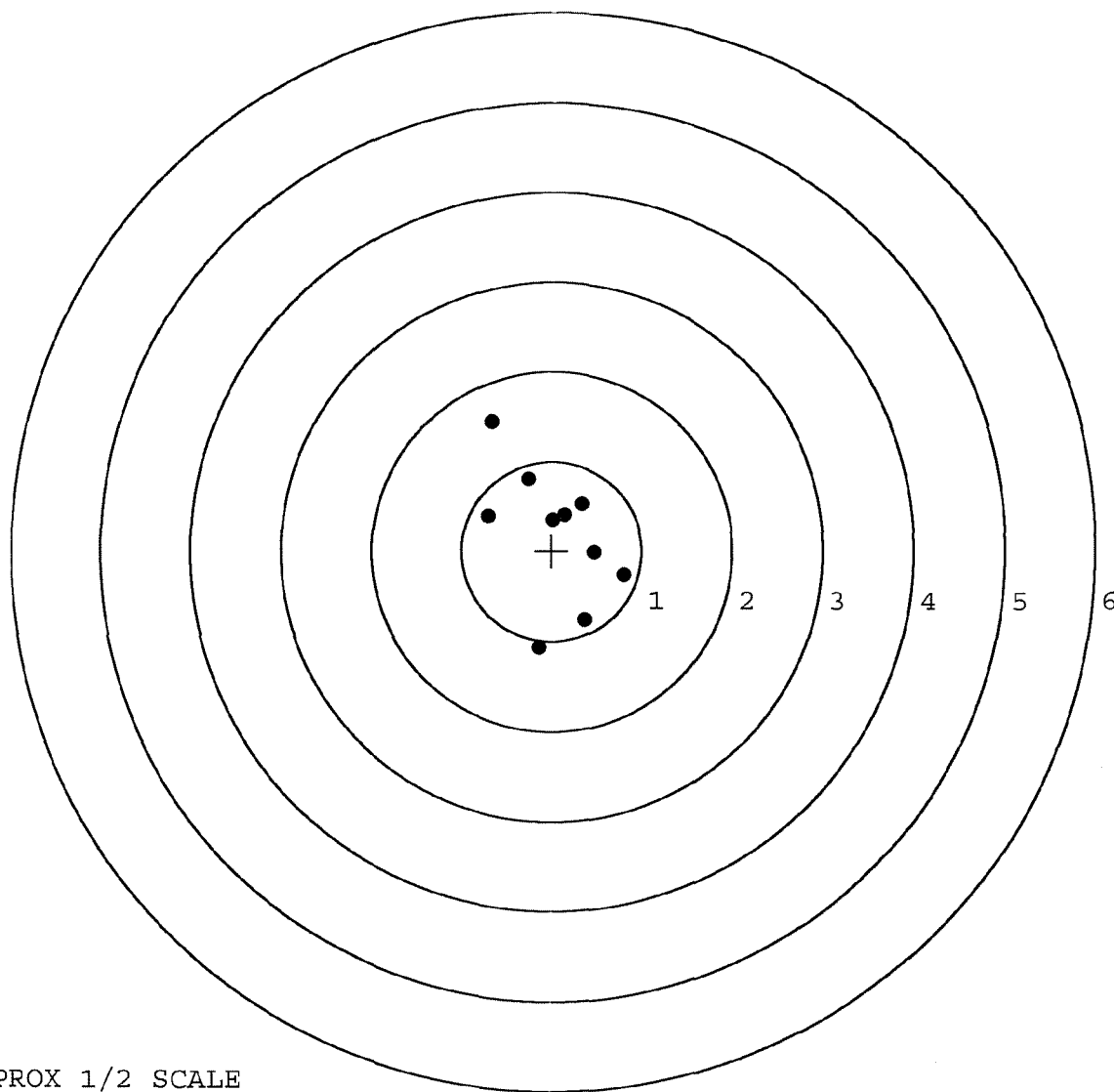
MEAN RADIUS: 0.743

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 7

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.135 | -1.079 |
| 2:     | 0.367  | -0.769 |
| 3:     | 0.804  | -0.271 |
| 4:     | 0.476  | -0.017 |
| 5:     | 0.008  | 0.341  |
| 6:     | 0.335  | 0.523  |
| 7:     | 0.141  | 0.404  |
| 8:     | -0.707 | 0.393  |
| 9:     | -0.263 | 0.801  |
| 10:    | -0.677 | 1.442  |



TARGET APPROX 1/2 SCALE