

G 653 5246

**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



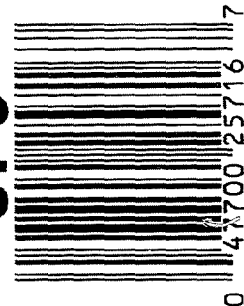
**ORDER NO. 25716**

**BARREL LENGTH 24"**

**CAPACITY 6**

**G6535246**

**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.



M-24  
INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6535246

| OP #         | OPERATION NAME                                                                                                                         | READINGS                              | DATE    | INITIAL |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|---------|---------|
| 420 &<br>430 | ASSEMBLE ACTION<br>ASSEMBLE TO STOCK                                                                                                   |                                       | 1-31-06 | RTZ     |
| 440          | PROOF                                                                                                                                  |                                       | 1/31/06 | MGP     |
| 460          | CHECK HEADSPACE                                                                                                                        | MAGNETIC FLUX<br>MAGNETIC             | 1/31/06 | MGP     |
| 470          | DIS-ASSEMBLE ACTION                                                                                                                    |                                       | 2-1-06  | RTZ     |
| 480 &<br>490 | MAGNAFLUX BBL ACTION<br>MAGNAFLUX BOLT                                                                                                 | OP # 480<br>MAGNETIC FLUX<br>MAGNETIC | 2-6-06  | APD     |
| 500          | ROLLMARK CALIBER                                                                                                                       |                                       | 2-6-06  | CW      |
| 510          | DRILL AND TAP<br>SIGHT HOLES                                                                                                           |                                       |         |         |
| 520          | GOFF BLAST BBL / REC                                                                                                                   |                                       | 2-6-06  | LB      |
| 530 &<br>540 | APPLY COATINGS<br>(BARREL ACTION)                                                                                                      |                                       |         |         |
|              | (BOLT)                                                                                                                                 |                                       | 2/9/06  | RB      |
| 560          | RE-ASSEMBLE ACTION<br>A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                                                                              |                                       | 2-23-06 | MTM     |
|              | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD                                                                         |                                       | 2-23-06 | MTM     |
|              | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                                                                                                 |                                       | 2-23-06 | MTM     |
|              | D) OIL FIRING PIN ASSEMBLY                                                                                                             |                                       | 3-14-06 | ✗       |
|              | 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> |                                       | 4-20-06 | MTM     |

REV-8405

| OP #         | OPERATION NAME                                                           | READINGS                                                    | DATE    | INITIAL |
|--------------|--------------------------------------------------------------------------|-------------------------------------------------------------|---------|---------|
| 560          | F) SAFETY ON FORCE <span>2 LBS MIN<br/>10 LBS MAX</span>                 | <u>7 lbs.</u> <u>7 lbs.</u> <u>7 lbs.</u>                   | 4-20-06 | MTM     |
| CONT.        | G) SAFETY OFF FORCE <span>2 LBS MIN</span>                               | <u>4 lbs.</u> <u>4 lbs.</u> <u>4 lbs.</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                                                        |                                                             | 3-14-06 | AC      |
|              | K) ASSEMBLE SWIVEL<br>STUDS                                              |                                                             | 4-20-06 | R.P.D.  |
|              | L) ATTACH FRONT AND<br>REAR SIGHT ASSY'S                                 |                                                             | 3-14-06 | AC      |
|              | M) IRON SIGHT<br>ALIGNMENT                                               |                                                             | 3-14-06 | AC      |
|              | N) DETACH FRONT AND<br>REAR SIGHTS AND PLACE<br>IN NUMBERED CONTAINER    |                                                             | 3-14-06 | AC      |
| 640 &<br>650 | FUNCTION TEST AND<br>TARGET                                              | <span>PASS</span> FAIL<br><span>PASS</span> FAIL            | 3-16-06 | R.P.D.  |
|              | MALFUNCTION <i>Bolt off</i>                                              | CORRECTION <i>OK</i>                                        | 3-17-06 | TRW     |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
|              | MALFUNCTION                                                              | CORRECTION <i>N/A</i>                                       |         |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
| 660          | INSPECT FOR LIVE AMMO                                                    |                                                             | 3-16-06 | 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>2.80</u> <u>2.82</u> <u>2.87</u> | 4-20-06 | AC      |
|              | C) FUNCTION                                                              |                                                             | 4-20-06 | MTM     |
| 690          | PACK                                                                     |                                                             | 4-21-06 | 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)

DATE 3-14-06

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 | 2.55                | 2.48                        |                                   | 2.51  |          |
| PULL #2 | 2.48                | 2.56                        |                                   | 2.58  |          |
| PULL #3 | 2.55                | 2.44                        |                                   | 2.48  |          |
| PULL #4 | 2.54                | 2.57                        |                                   | 2.48  |          |
| PULL #5 | 2.58                | 2.52                        |                                   | 2.50  |          |
| TOTAL   | 12.70               | 12.57                       |                                   | 12.55 |          |
| AVERAGE | 2.54                | 2.51                        |                                   | 2.51  |          |

|         | 3.00 LBS<br>INITIAL | 3.00 LBS AFTER<br>20 CYCLES |  | COMMENTS |
|---------|---------------------|-----------------------------|--|----------|
| PULL #1 | 3.14                | 3.24                        |  |          |
| PULL #2 | 3.03                | 2.93                        |  |          |
| PULL #3 | 3.09                | 3.01                        |  |          |
| PULL #4 | 3.08                | 3.01                        |  |          |
| PULL #5 | 3.14                | 3.08                        |  |          |
| TOTAL   | 15.48               | 15.27                       |  |          |
| AVERAGE | 3.09                | 3.05                        |  |          |

|         | 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 | 4.03                | 4.17                        |                                   | 4.20                                    |
| PULL #2 | 4.17                | 4.10                        |                                   | 4.07                                    |
| PULL #3 | 4.11                | 4.21                        |                                   | 4.25                                    |
| PULL #4 | 4.08                | 4.12                        |                                   | 4.04                                    |
| PULL #5 | 4.16                | 4.09                        |                                   | 4.15                                    |
| TOTAL   | 20.55               | 20.69                       |                                   | 20.71                                   |
| AVERAGE | 4.11                | 4.13                        |                                   | 4.14                                    |

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6535246.\_\_\_0  
FILE DATE AND TIME: 03/16/2006 16:00

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

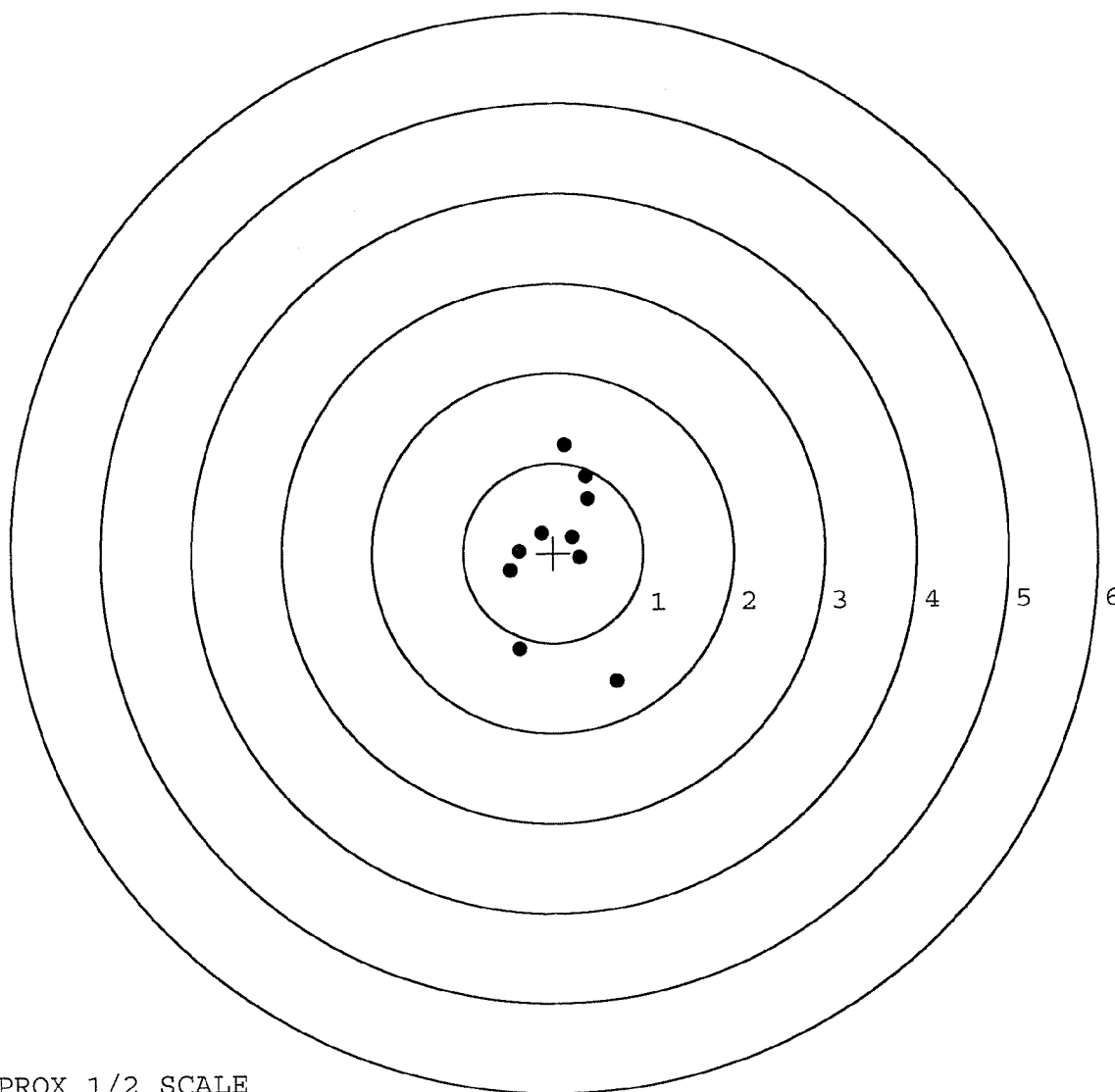
|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.019 |
| The Average Y Centroid of the Five Target Set:              | 0.054  |
| The Average Point of Impact of the Five Target Set:         | 0.057  |
| The Average Mean Radius of the Five Target Set:             | 0.667  |
| The Distance from POA to Centroid Target #1:                | 0.076  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.303  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.180  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.032  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.040  |

SERIAL NUMBER: G6535246. 0  
TARGET NUMBER: 1  
FILE DATE: 03/16/2006  
FILE TIME: 16:00

X CENTROID: 0.069  
Y CENTROID: 0.031  
POA TO CENTROID: 0.076  
HORZ SPREAD: 1.175  
VERT SPREAD: 2.626  
GROUP SPREAD: 2.686  
MIN RADIUS: 0.201  
MAX RADIUS: 1.589  
MEAN RADIUS: 0.724

# IN 1 IN DIAMETER: 4  
# IN 2 IN DIAMETER: 7  
# in 3 IN DIAMETER: 9

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.128  | 1.196  |
| 2:     | 0.365  | 0.851  |
| 3:     | 0.383  | 0.606  |
| 4:     | 0.291  | -0.058 |
| 5:     | 0.209  | 0.175  |
| 6:     | -0.132 | 0.220  |
| 7:     | -0.384 | 0.020  |
| 8:     | -0.481 | -0.194 |
| 9:     | -0.384 | -1.072 |
| 10:    | 0.694  | -1.430 |



TARGET APPROX 1/2 SCALE

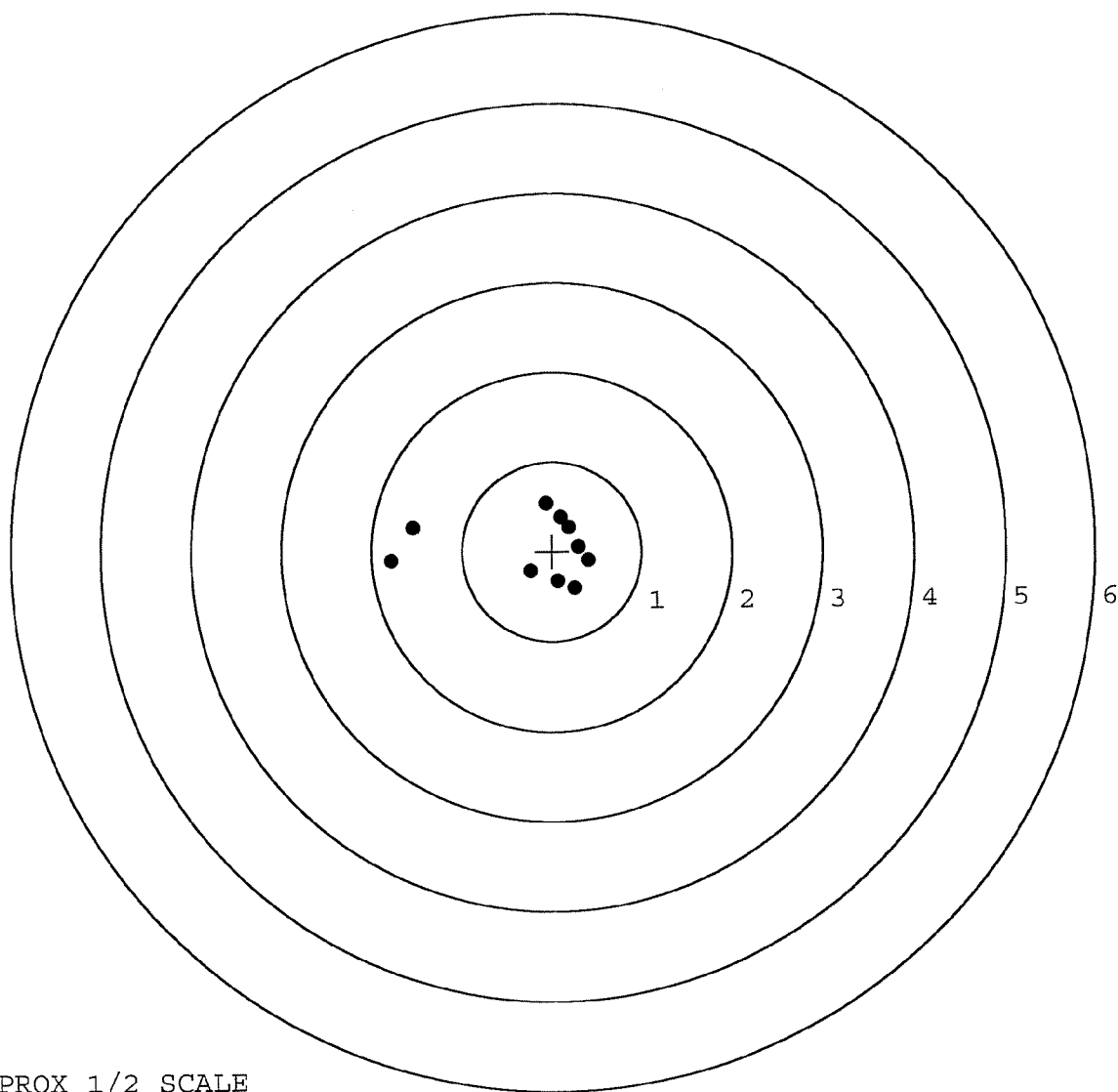


SERIAL NUMBER: G6535246. \_\_0  
TARGET NUMBER: 2  
FILE DATE: 03/16/2006  
FILE TIME: 16:00

X CENTROID: -0.234  
Y CENTROID: 0.033  
POA TO CENTROID: 0.236  
HORZ SPREAD: 2.188  
VERT SPREAD: 0.952  
GROUP SPREAD: 2.188  
MIN RADIUS: 0.254  
MAX RADIUS: 1.557  
MEAN RADIUS: 0.696

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.068 | 0.534  |
| 2:     | 0.098  | 0.386  |
| 3:     | 0.192  | 0.267  |
| 4:     | 0.294  | 0.052  |
| 5:     | 0.403  | -0.102 |
| 6:     | 0.253  | -0.418 |
| 7:     | 0.065  | -0.336 |
| 8:     | -0.246 | -0.221 |
| 9:     | -1.542 | 0.269  |
| 10:    | -1.785 | -0.102 |

# IN 1 IN DIAMETER: 4  
# IN 2 IN DIAMETER: 8  
# in 3 IN DIAMETER: 9



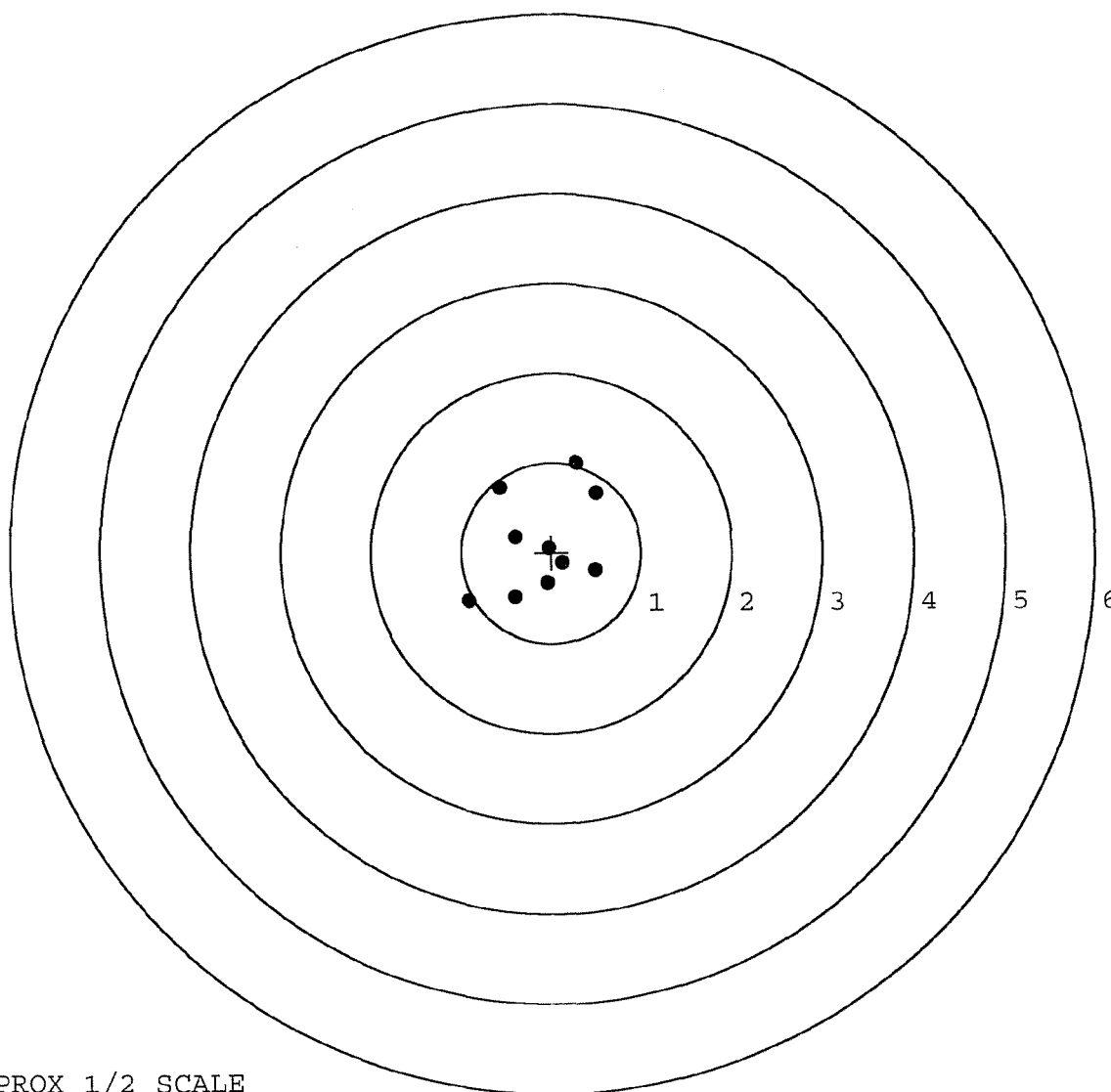
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535246. \_\_0  
TARGET NUMBER: 3  
FILE DATE: 03/16/2006  
FILE TIME: 16:00

X CENTROID: -0.100  
Y CENTROID: 0.094  
POA TO CENTROID: 0.137  
HORZ SPREAD: 1.409  
VERT SPREAD: 1.527  
GROUP SPREAD: 1.935  
MIN RADIUS: 0.084  
MAX RADIUS: 1.027  
MEAN RADIUS: 0.608

# IN 1 IN DIAMETER: 4  
# IN 2 IN DIAMETER: 9  
# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.275  | 0.994  |
| 2:     | 0.495  | 0.664  |
| 3:     | -0.576 | 0.724  |
| 4:     | -0.914 | -0.533 |
| 5:     | -0.413 | -0.491 |
| 6:     | -0.404 | 0.178  |
| 7:     | -0.029 | 0.049  |
| 8:     | 0.124  | -0.120 |
| 9:     | -0.052 | -0.338 |
| 10:    | 0.490  | -0.191 |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535246. \_\_0

TARGET NUMBER: 4

FILE DATE: 03/16/2006

FILE TIME: 16:00

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.351 | 0.738  |
| 2:     | 0.000  | 0.696  |
| 3:     | -0.139 | 0.428  |
| 4:     | -0.384 | 0.469  |
| 5:     | 0.207  | 0.171  |
| 6:     | 0.415  | -0.009 |
| 7:     | 0.841  | -0.057 |
| 8:     | 0.218  | -0.494 |
| 9:     | 0.048  | -0.738 |
| 10:    | -0.229 | -0.581 |

X CENTROID: 0.063

Y CENTROID: 0.062

POA TO CENTROID: 0.088

HORZ SPREAD: 1.225

VERT SPREAD: 1.476

GROUP SPREAD: 1.529

MIN RADIUS: 0.181

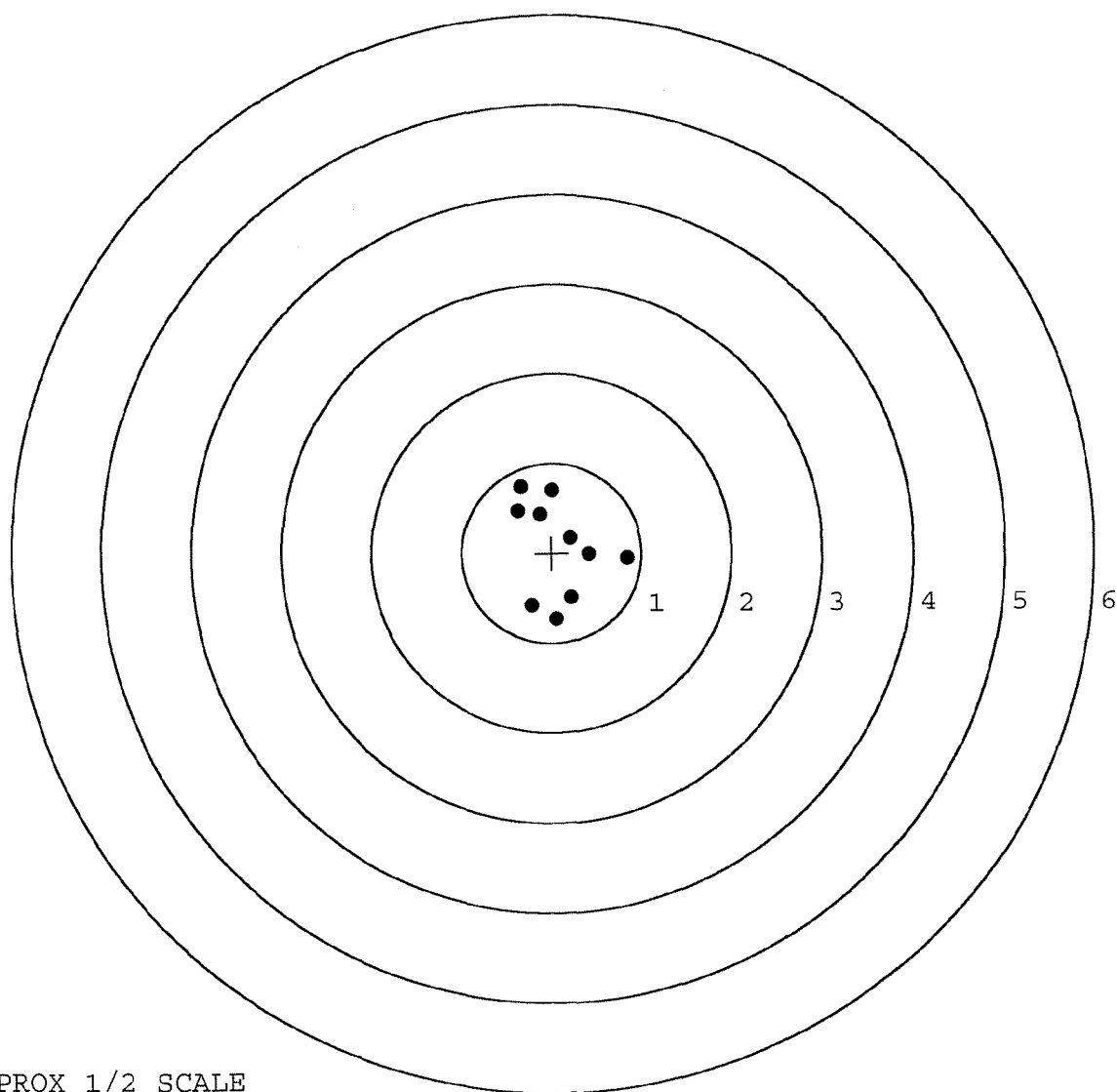
MAX RADIUS: 0.800

MEAN RADIUS: 0.586

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 10

# in 3 IN DIAMETER: 10

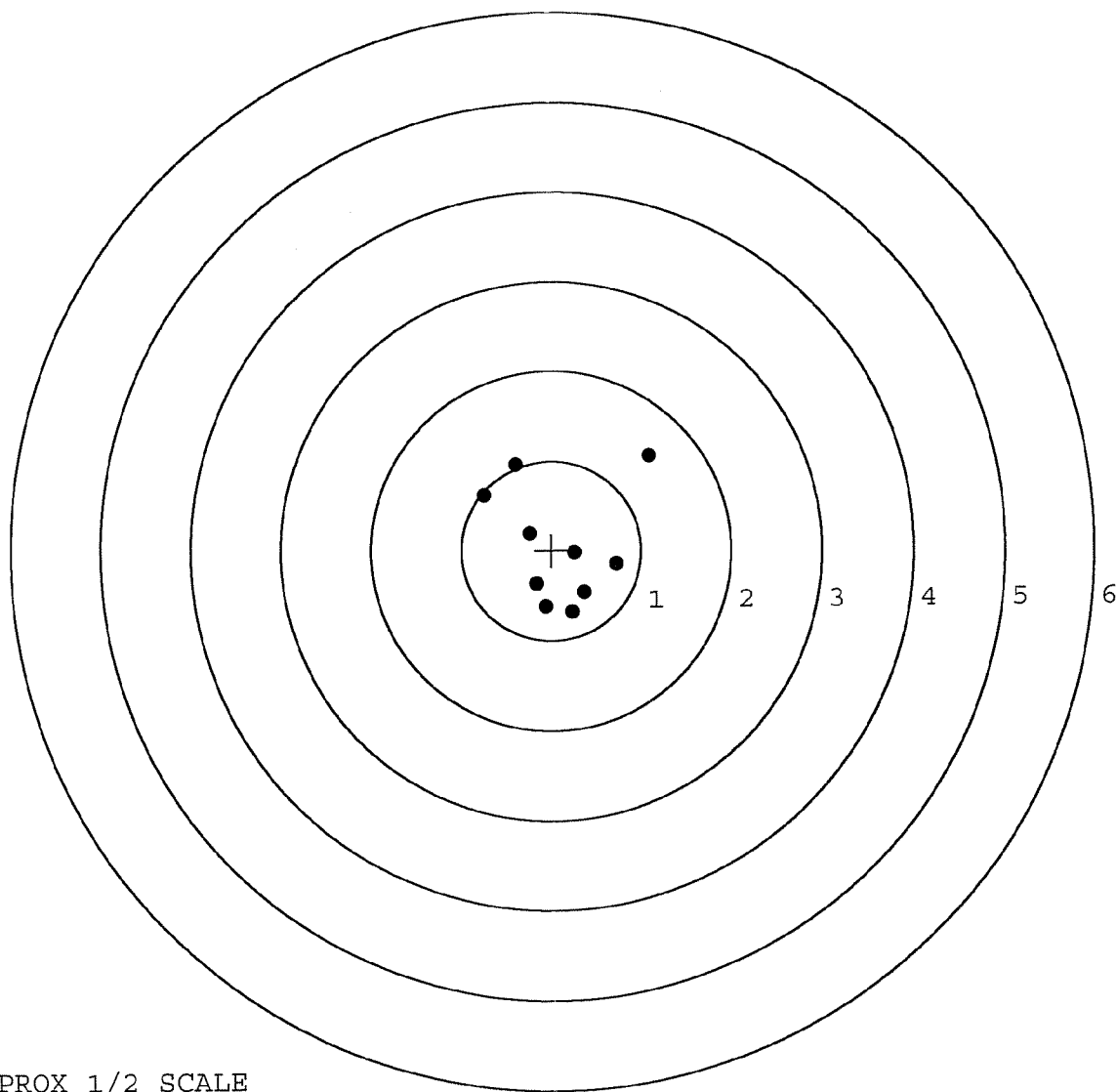


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535246. 0  
TARGET NUMBER: 5  
FILE DATE: 03/16/2006  
FILE TIME: 16:00

X CENTROID: 0.105  
Y CENTROID: 0.048  
POA TO CENTROID: 0.116  
HORZ SPREAD: 1.835  
VERT SPREAD: 1.751  
GROUP SPREAD: 2.051  
MIN RADIUS: 0.172  
MAX RADIUS: 1.413  
MEAN RADIUS: 0.722  
# IN 1 IN DIAMETER: 2  
# IN 2 IN DIAMETER: 7  
# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.243 | 0.187  |
| 2:     | -0.741 | 0.626  |
| 3:     | -0.395 | 0.964  |
| 4:     | 1.094  | 1.058  |
| 5:     | 0.726  | -0.156 |
| 6:     | 0.258  | -0.031 |
| 7:     | 0.365  | -0.468 |
| 8:     | 0.228  | -0.693 |
| 9:     | -0.069 | -0.631 |
| 10:    | -0.170 | -0.377 |



TARGET APPROX 1/2 SCALE