

G 6535431

**ORDER 25679**

M/24 7.62 NATO S.W.S.

**UPC**



0 47700 25679 5

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SERIAL NO.

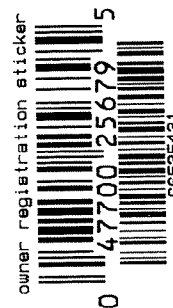


G6535431

**M/24 7.62 NATO S.W.S.  
BOLT ACTION CENTERFIRE RIFLE  
24" BARREL 7.62 NATO  
COMPLETE SYSTEM - LE/EXPORT**

98606 - M-24 OPERATORS MANUAL  
96229 - SWS SLING STRAP ASSEMBLY  
96117 - TRS BI POD ASSB

**DD FORM 96253**

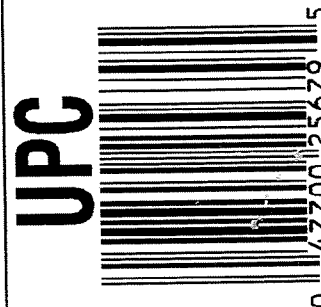


**ORDER NO. 25679**

**BARREL LENGTH 24"**

**CAPACITY 6**

**G6535431**



M-24  
INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6535431

| OP #      | OPERATION NAME                                                                                                                         | READINGS                                           | DATE    | INITIAL |
|-----------|----------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|---------|---------|
| 420 & 430 | ASSEMBLE ACTION<br>ASSEMBLE TO STOCK                                                                                                   |                                                    | 2-10-06 | RTZ     |
| 440       | PROOF                                                                                                                                  |                                                    | 2-10-06 | TRW     |
| 460       | CHECK HEADSPACE                                                                                                                        | MAGNAFLUX INSPECTION                               | 2-10-06 | Ac      |
| 470       | DIS-ASSEMBLE ACTION                                                                                                                    |                                                    | 2-10-06 | Ac      |
| 480 & 490 | MAGNAFLUX BBL ACTION<br>MAGNAFLUX BOLT                                                                                                 | Op # 480<br>MAGNAFLUX BBL ACTION<br>MAGNAFLUX BOLT | 2-14-06 | APD     |
| 500       | ROLLMARK CALIBER                                                                                                                       |                                                    | 2-14-06 | CW      |
| 510       | DRILL AND TAP<br>SIGHT HOLES                                                                                                           |                                                    | 2-13-06 | TRW     |
| 520       | GOFF BLAST BBL / REC                                                                                                                   |                                                    | 2-14-06 | LB      |
| 530 & 540 | APPLY COATINGS<br>(BARREL ACTION)                                                                                                      |                                                    |         |         |
|           | (BOLT)                                                                                                                                 |                                                    | 2/24/06 | RB      |
| 560       | RE-ASSEMBLE ACTION<br>A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                                                                              |                                                    | 2/21/06 | mgd     |
|           | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD                                                                         |                                                    | 2/21/06 | mgd     |
|           | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                                                                                                 |                                                    | 2/21/06 | mgd     |
|           | D) OIL FIRING PIN ASSEMBLY                                                                                                             |                                                    | 3-8-06  | 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> |                                                    | 4-20-06 | MTM     |

REV-8405

| OP #         | OPERATION NAME                                                         | READINGS                                                    | DATE    | INITIAL |
|--------------|------------------------------------------------------------------------|-------------------------------------------------------------|---------|---------|
| 560          | F) SAFETY ON FORCE <div>2 LBS MIN<br/>10 LBS MAX</div>                 | <u>6 lbs</u> <u>6 lbs</u> <u>6 lbs</u>                      | 4-20-06 | MTM     |
| CONT.        |                                                                        |                                                             |         |         |
|              | G) SAFETY OFF FORCE <div>2 LBS MIN</div>                               | <u>3 lbs</u> <u>3 lbs</u> <u>3 lbs</u>                      | 4-20-06 | MTM     |
|              | H) TRIGGER PULL TEST<br>AND RETAINABILITY                              |                                                             | 4-20-06 | MTM     |
|              | I) FIRING PIN INDENT <div>.020 MIN</div>                               | <u>.022</u> <u>.022</u> <u>.022</u>                         | 4-20-06 | MTM     |
|              | J) ASSEMBLE STOCK                                                      |                                                             | 3-8-06  | AC      |
|              | K) ASSEMBLE SWIVEL<br>STUDS                                            |                                                             | 4-20-06 | R.P.D.  |
|              | L) ATTACH FRONT AND<br>REAR SIGHT ASSY'S                               |                                                             | 3-8-06  | AC      |
|              | M) IRON SIGHT<br>ALIGNMENT                                             |                                                             | 3-8-06  | AC      |
|              | N) DETACH FRONT AND<br>REAR SIGHTS AND PLACE<br>IN NUMBERED CONTAINER  |                                                             | 3-8-06  | AC      |
| 640 &<br>650 | FUNCTION TEST AND<br>TARGET                                            | <div>PASS FAIL</div> <div>PASS FAIL</div>                   | 3-9-06  | TRW     |
|              | MALFUNCTION                                                            | CORRECTION                                                  |         |         |
|              | MALFUNCTION                                                            | CORRECTION                                                  |         |         |
|              | MALFUNCTION                                                            | CORRECTION                                                  |         |         |
|              | MALFUNCTION                                                            | CORRECTION                                                  |         |         |
| 660          | INSPECT FOR LIVE AMMO                                                  |                                                             | 3/9/06  | R.P.    |
| 670          | FINAL INSPECTION<br>A) HEADSPACE                                       |                                                             | 4-20-06 | MTM     |
|              | B) TRIGGER PULL <div>+/- .5 LBS<br/>MIN 2.50 LBS<br/>MAX 4.0 LBS</div> | <u>2.21</u> <u>2.24</u> <u>2.00</u> <u>2.33</u> <u>2.05</u> | 4-19-06 | AC      |
|              | C) FUNCTION                                                            |                                                             | 4-20-06 | MTM     |
| 690          | PACK                                                                   |                                                             | 4-24-06 | DTA     |

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 2-27-06

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 | 2.50                | 2.60                        |                                   | 2.45  |          |
| PULL #2 | 2.40                | 2.56                        |                                   | 2.48  |          |
| PULL #3 | 2.31                | 2.50                        |                                   | 2.50  |          |
| PULL #4 | 2.36                | 2.52                        |                                   | 2.53  |          |
| PULL #5 | 2.44                | 2.52                        |                                   | 2.50  |          |
| TOTAL   | 12.01               | 12.70                       |                                   | 12.46 |          |
| AVERAGE | 2.40                | 2.54                        |                                   | 2.49  |          |

|         | 3.00 LBS<br>INITIAL | 3.00 LBS AFTER<br>20 CYCLES |  |  | COMMENTS |
|---------|---------------------|-----------------------------|--|--|----------|
| PULL #1 | 3.04                | 3.06                        |  |  |          |
| PULL #2 | 3.00                | 2.93                        |  |  |          |
| PULL #3 | 2.97                | 3.14                        |  |  |          |
| PULL #4 | 2.97                | 3.06                        |  |  |          |
| PULL #5 | 3.00                | 3.01                        |  |  |          |
| TOTAL   | 14.98               | 15.20                       |  |  |          |
| AVERAGE | 2.99                | 3.04                        |  |  |          |

|         | 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 | 4.01                | 4.15                        |                                   | 4.15                                    |
| PULL #2 | 4.07                | 4.16                        |                                   | 3.92                                    |
| PULL #3 | 4.10                | 4.03                        |                                   | 4.10                                    |
| PULL #4 | 4.19                | 4.04                        |                                   | 3.96                                    |
| PULL #5 | 4.15                | 4.00                        |                                   | 4.03                                    |
| TOTAL   | 20.52               | 20.38                       |                                   | 20.16                                   |
| AVERAGE | 4.10                | 4.07                        |                                   | 4.03                                    |

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6535431.\_\_0  
FILE DATE AND TIME: 03/09/2006 07:28

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | 0.059  |
| The Average Y Centroid of the Five Target Set:              | -0.084 |
| The Average Point of Impact of the Five Target Set:         | 0.102  |
| The Average Mean Radius of the Five Target Set:             | 0.636  |
| The Distance from POA to Centroid Target #1:                | 0.229  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.169  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.320  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.133  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.247  |

SERIAL NUMBER: G6535431. \_\_0

TARGET NUMBER: 1

FILE DATE: 03/09/2006

FILE TIME: 07:28

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.577  | -0.854 |
| 2:     | 0.294  | -0.917 |
| 3:     | -0.041 | -0.782 |
| 4:     | -0.132 | -0.520 |
| 5:     | 0.481  | 0.253  |
| 6:     | 0.313  | 0.173  |
| 7:     | 0.148  | 0.082  |
| 8:     | -0.272 | 0.006  |
| 9:     | -0.506 | -0.097 |
| 10:    | -0.210 | 0.464  |

X CENTROID: 0.065

Y CENTROID: -0.219

POA TO CENTROID: 0.229

HORZ SPREAD: 1.083

VERT SPREAD: 1.381

GROUP SPREAD: 1.535

MIN RADIUS: 0.312

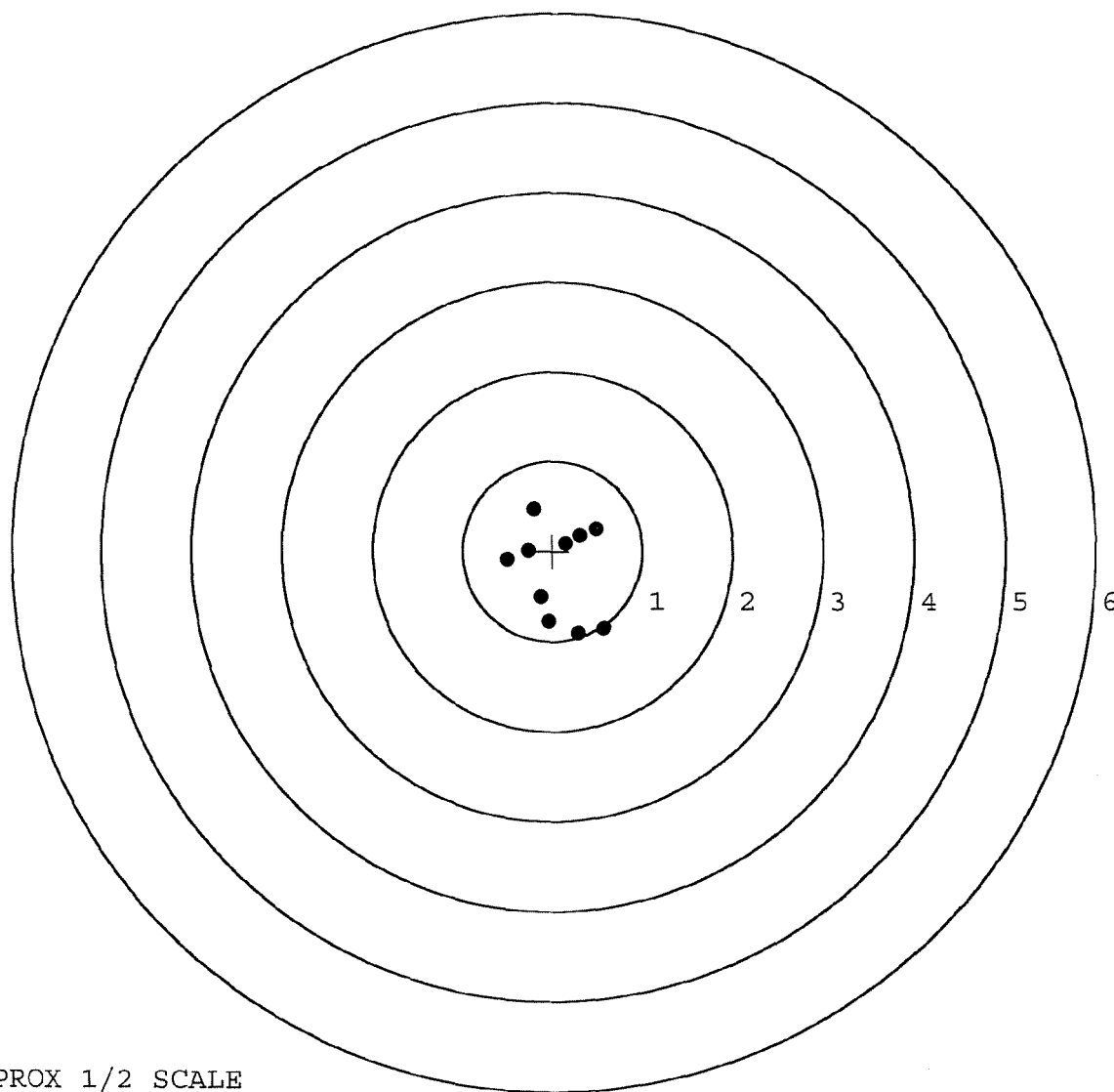
MAX RADIUS: 0.815

MEAN RADIUS: 0.561

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 10

# in 3 IN DIAMETER: 10

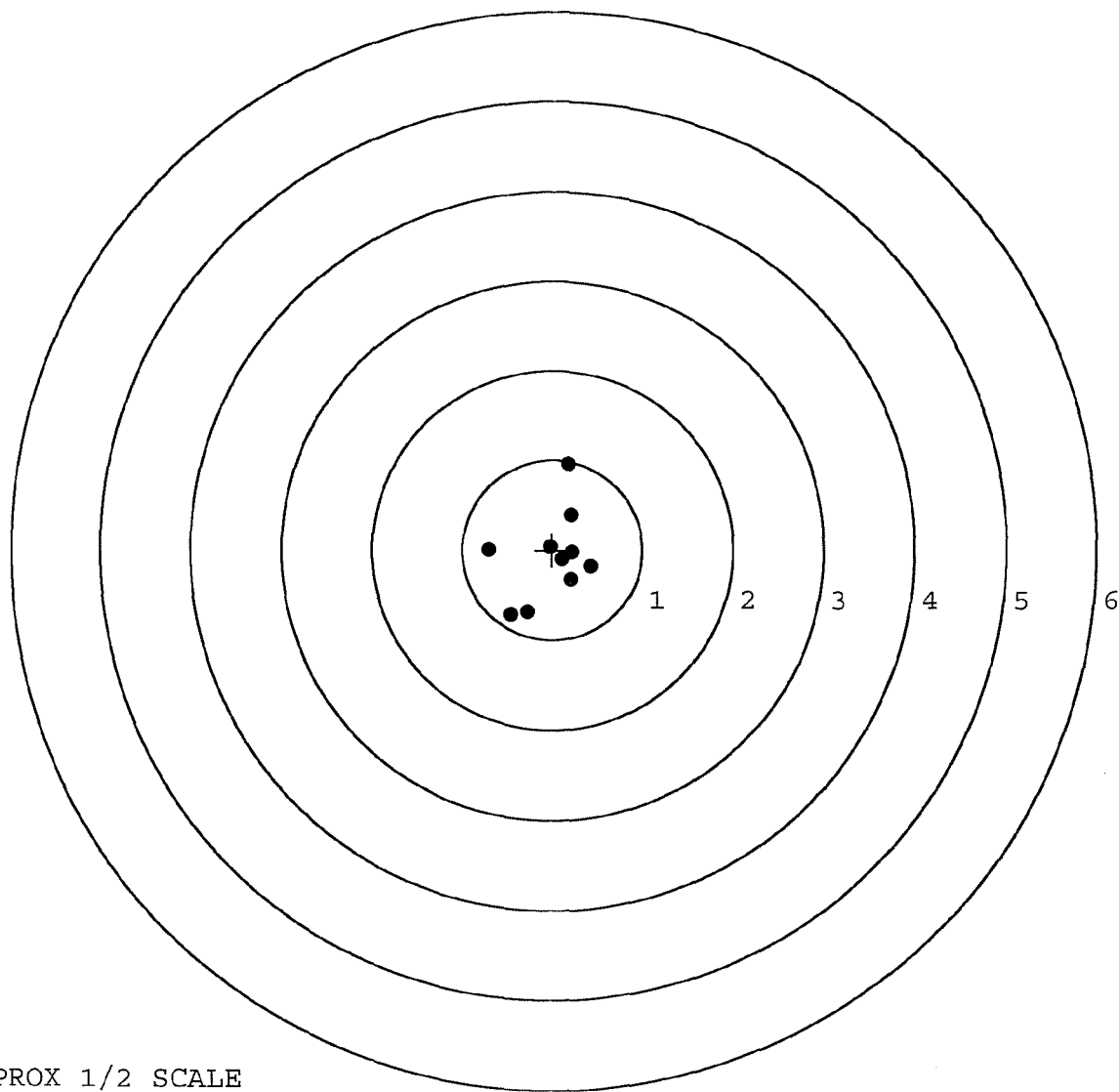


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535431. \_\_0  
TARGET NUMBER: 2  
FILE DATE: 03/09/2006  
FILE TIME: 07:28

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.271 | -0.698 |
| 2:     | -0.457 | -0.721 |
| 3:     | -0.703 | -0.005 |
| 4:     | 0.177  | 0.960  |
| 5:     | 0.207  | 0.400  |
| 6:     | -0.021 | 0.035  |
| 7:     | 0.111  | -0.104 |
| 8:     | 0.208  | -0.328 |
| 9:     | 0.432  | -0.181 |
| 10:    | 0.224  | -0.031 |

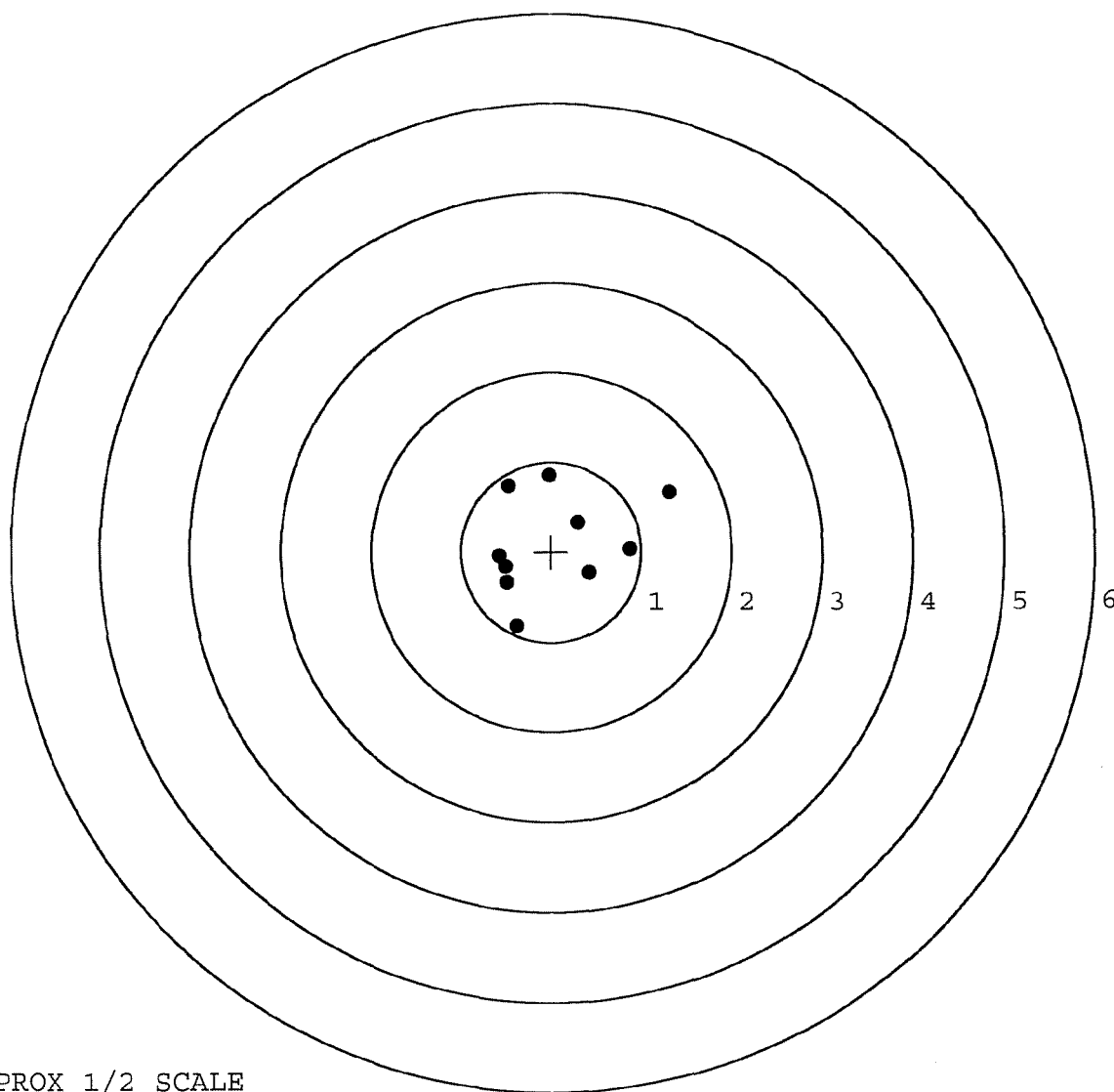
X CENTROID: -0.009  
Y CENTROID: -0.067  
POA TO CENTROID: 0.068  
HORZ SPREAD: 1.135  
VERT SPREAD: 1.681  
GROUP SPREAD: 1.797  
MIN RADIUS: 0.103  
MAX RADIUS: 1.044  
MEAN RADIUS: 0.499  
# IN 1 IN DIAMETER: 5  
# IN 2 IN DIAMETER: 9  
# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535431. \_\_0  
TARGET NUMBER: 3  
FILE DATE: 03/09/2006  
FILE TIME: 07:28

|                     | POINT# | X      | Y      |
|---------------------|--------|--------|--------|
|                     | 1:     | 1.307  | 0.658  |
|                     | 2:     | 0.879  | 0.031  |
|                     | 3:     | 0.300  | 0.323  |
|                     | 4:     | 0.422  | -0.233 |
| X CENTROID:         | 5:     | -0.387 | -0.826 |
| Y CENTROID:         | 6:     | -0.495 | -0.336 |
| POA TO CENTROID:    | 7:     | -0.576 | -0.044 |
| HORZ SPREAD:        | 8:     | -0.479 | 0.734  |
| VERT SPREAD:        | 9:     | -0.023 | 0.851  |
| GROUP SPREAD:       | 10:    | -0.507 | -0.161 |
| MIN RADIUS:         |        | 0.340  |        |
| MAX RADIUS:         |        | 1.381  |        |
| MEAN RADIUS:        |        | 0.760  |        |
| # IN 1 IN DIAMETER: |        | 1      |        |
| # IN 2 IN DIAMETER: |        | 8      |        |
| # in 3 IN DIAMETER: |        | 10     |        |

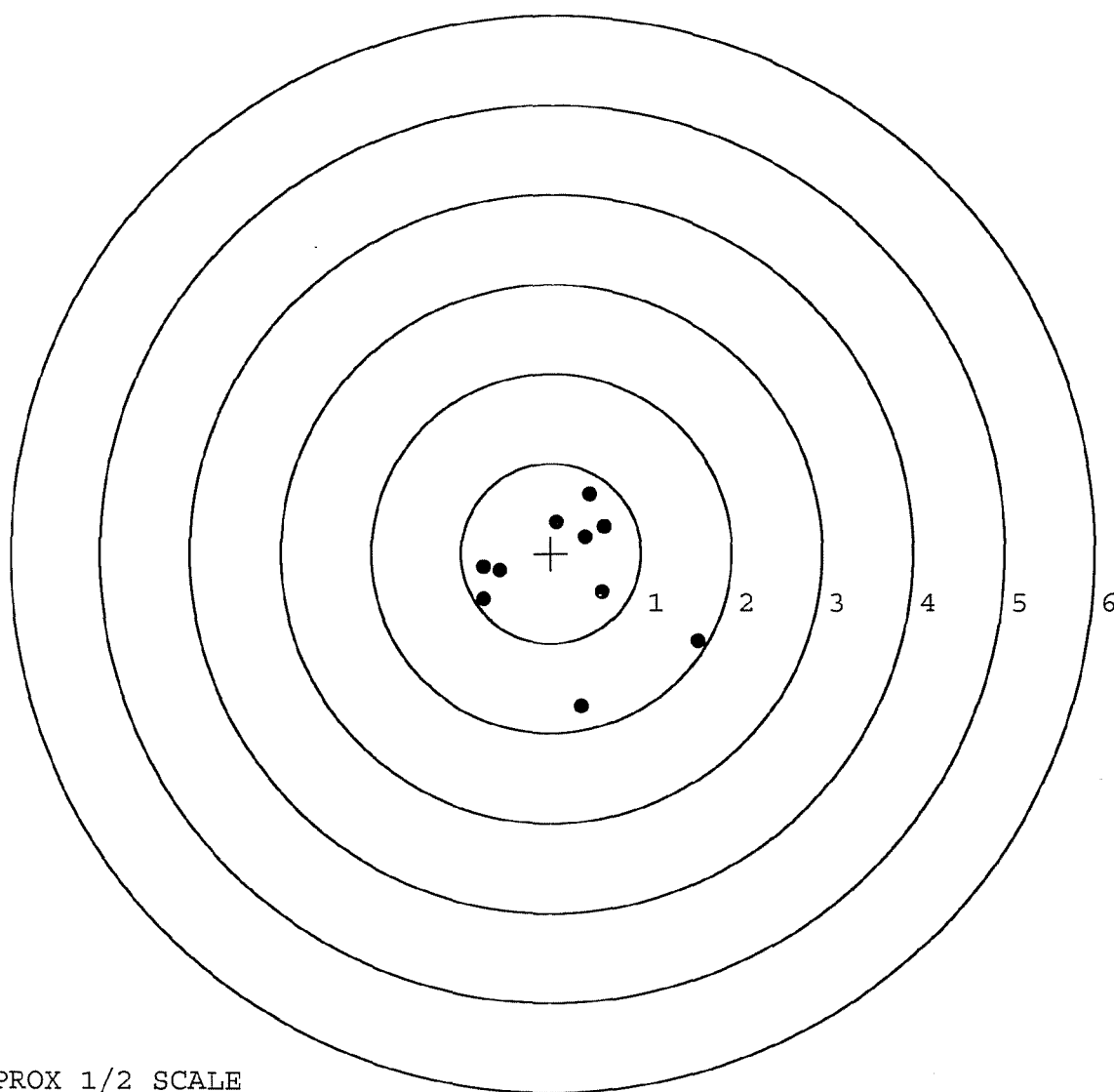


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535431. \_\_0  
TARGET NUMBER: 4  
FILE DATE: 03/09/2006  
FILE TIME: 07:28

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.635  | -0.975 |
| 2:     | 0.350  | -1.711 |
| 3:     | 0.573  | -0.437 |
| 4:     | 0.432  | 0.658  |
| 5:     | 0.588  | 0.294  |
| 6:     | 0.377  | 0.181  |
| 7:     | 0.057  | 0.349  |
| 8:     | -0.571 | -0.194 |
| 9:     | -0.748 | -0.516 |
| 10:    | -0.753 | -0.157 |

X CENTROID: 0.194  
Y CENTROID: -0.251  
POA TO CENTROID: 0.317  
HORZ SPREAD: 2.388  
VERT SPREAD: 2.369  
GROUP SPREAD: 2.524  
MIN RADIUS: 0.422  
MAX RADIUS: 1.613  
MEAN RADIUS: 0.890  
# IN 1 IN DIAMETER: 2  
# IN 2 IN DIAMETER: 8  
# in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535431. \_\_0

TARGET NUMBER: 5

FILE DATE: 03/09/2006

FILE TIME: 07:28

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.309  | 0.571  |
| 2:     | 0.117  | 0.819  |
| 3:     | -0.235 | 0.364  |
| 4:     | -0.627 | -0.092 |
| 5:     | 0.112  | -0.503 |
| 6:     | -0.307 | -0.350 |
| 7:     | 0.485  | -0.128 |
| 8:     | 0.184  | -0.116 |
| 9:     | -0.082 | -0.084 |
| 10:    | 0.041  | -0.289 |

X CENTROID: 0.000

Y CENTROID: 0.019

POA TO CENTROID: 0.019

HORZ SPREAD: 1.112

VERT SPREAD: 1.322

GROUP SPREAD: 1.322

MIN RADIUS: 0.132

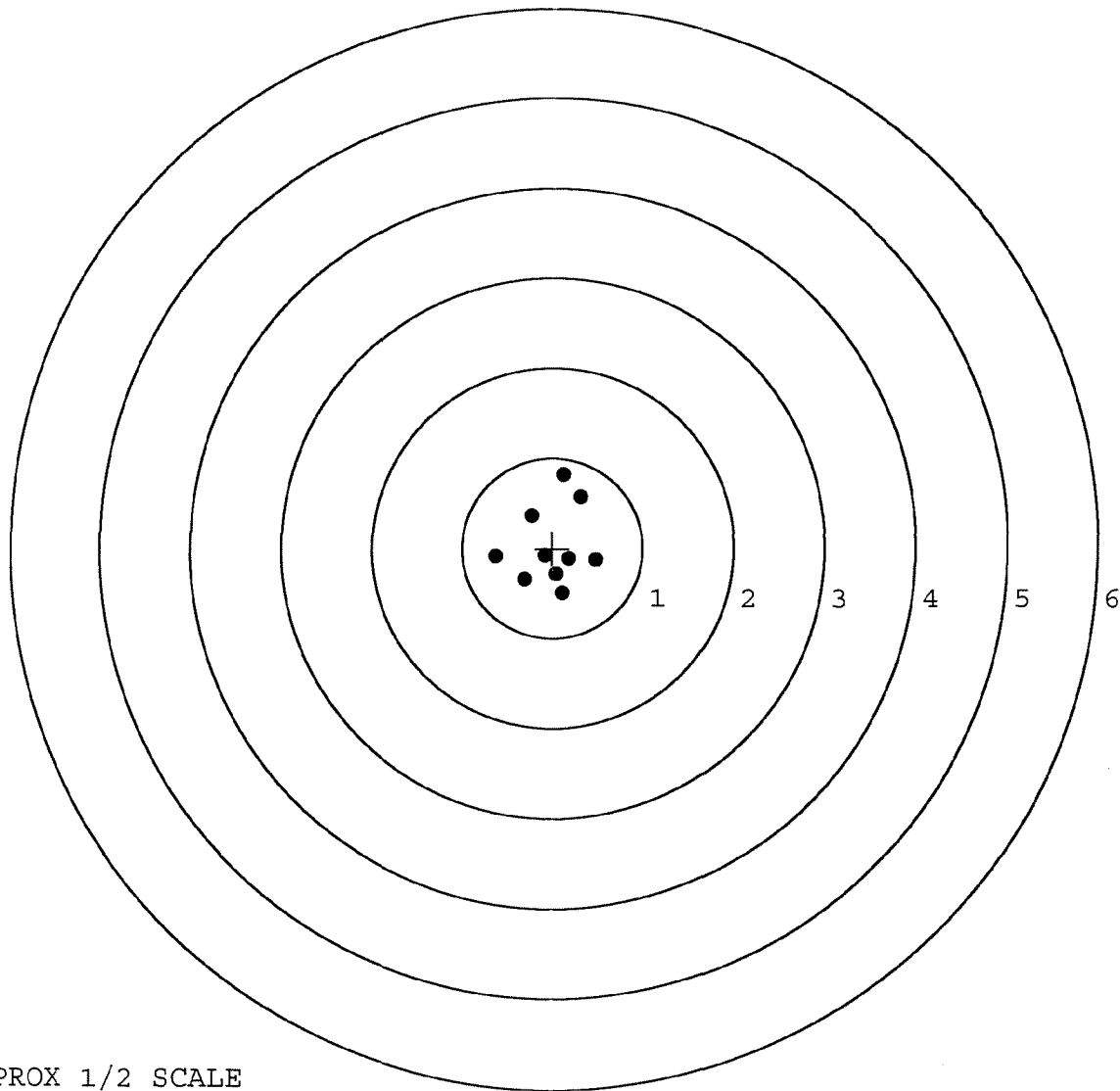
MAX RADIUS: 0.808

MEAN RADIUS: 0.469

# IN 1 IN DIAMETER: 5

# IN 2 IN DIAMETER: 10

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE