

G-653 5401

**ORDER 25716**  
M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)  
**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**

proof of purchase



owner registration sticker



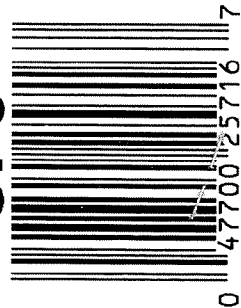
**ORDER NO. 25716**

**BARREL LENGTH 24"**

**CAPACITY 6**

**G6535401**

**UPC**



M-24  
INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G 653 5401

| OP #         | OPERATION NAME                                                                                                                         | READINGS           | DATE     | INITIAL   |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------|--------------------|----------|-----------|
| 410          | SERIALIZE BOLT HANDLE                                                                                                                  |                    | 8-22-06  | RTZ       |
| 420          | ASSEMBLE ACTION                                                                                                                        |                    | 8-22-06  | RTZ       |
| 430          | ASSEMBLE TO STOCK                                                                                                                      |                    | 8-23-06  | RP        |
| 440          | PROOF                                                                                                                                  |                    | 8-23-06  | TRW       |
| 460          | CHECK HEADSPACE                                                                                                                        | INSPECTED          | 8-23-06  | TRW       |
| 470          | DIS-ASSEMBLE ACTION                                                                                                                    | AUG 24 2006        | 8-23-06  | RTZ       |
| 480          | MAGNAFLUX BBL ACTION                                                                                                                   | OPERATOR <i>mm</i> | 8/24/06  | <i>mm</i> |
| 490          | MAGNAFLUX BOLT                                                                                                                         |                    |          |           |
| 500          | ROLLMARK CALIBER                                                                                                                       |                    | 8-24-06  | CW        |
| 510          | DRILL AND TAP<br>SIGHT HOLES                                                                                                           |                    | 8-23-06  | TRW       |
| 520          | GOFF BLAST BBL / REC                                                                                                                   |                    | 8-25-06  | LB        |
| 530 &<br>540 | APPLY COATINGS<br>(BARREL ACTION)                                                                                                      |                    |          |           |
|              | (BOLT)                                                                                                                                 |                    | 8/31/06  | RB        |
| 560          | RE-ASSEMBLE ACTION                                                                                                                     |                    |          |           |
|              | A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                                                                                                    |                    | 9-6-06   | RTZ       |
|              | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD                                                                         |                    | 9-6-06   | RTZ       |
|              | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                                                                                                 |                    | 9-6-06   | RTZ       |
|              | D) OIL FIRING PIN ASSEMBLY                                                                                                             |                    | 9-6-06   | RTZ       |
|              | 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> |                    | 10/12/06 | <i>mm</i> |

F004 REV 5/2006

| OP #         | OPERATION NAME                                                           | READINGS                                                    | DATE     | INITIAL |
|--------------|--------------------------------------------------------------------------|-------------------------------------------------------------|----------|---------|
| 560          | F) SAFETY ON FORCE <span>2 LBS MIN<br/>10 LBS MAX</span>                 | <u>7.6</u> <u>7.5</u> <u>7.5</u>                            | 9-7-06   | DA      |
| CONT.        |                                                                          |                                                             |          |         |
|              | G) SAFETY OFF FORCE <span>2 LBS MIN</span>                               | <u>3.2</u> <u>3.0</u> <u>3.2</u>                            | 9-7-06   | DA      |
|              | H) TRIGGER PULL TEST<br>AND RETAINABILITY                                |                                                             | 10/12/06 | mm      |
|              | I) FIRING PIN INDENT <span>.020 MIN</span>                               | <u>.025</u> <u>.026</u> <u>.026</u>                         | 9-7-06   | DA      |
|              | J) ASSEMBLE STOCK                                                        |                                                             | 9-6-06   | RT      |
|              | K) ASSEMBLE SWIVEL<br>STUDS                                              |                                                             | 10/12/06 | mm      |
|              | L) ATTACH FRONT AND<br>REAR SIGHT ASSY'S                                 |                                                             | 9-6-06   | RT      |
|              | M) IRON SIGHT<br>ALIGNMENT                                               |                                                             | 9-6-06   | RT      |
|              | N) DETACH FRONT AND<br>REAR SIGHTS AND PLACE<br>IN NUMBERED CONTAINER    |                                                             | 9-6-06   | RT      |
| 640 &<br>650 | FUNCTION TEST AND<br>TARGET                                              | <u>PASS</u> FAIL<br><u>PASS</u> FAIL                        | 9-6-06   | X.P.P.  |
|              | MALFUNCTION                                                              | CORRECTION                                                  |          |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |          |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |          |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |          |         |
| 660          | INSPECT FOR LIVE AMMO                                                    |                                                             | 9/6/06   | mm      |
| 670          | FINAL INSPECTION<br>A) HEADSPACE                                         |                                                             | 10/12/06 | mm      |
|              | B) TRIGGER PULL <span>+/- .5 LBS<br/>MIN 2.50 LBS<br/>MAX 4.0 LBS</span> | <u>2.43</u> <u>2.38</u> <u>2.60</u> <u>2.45</u> <u>2.41</u> | 9-7-06   | DA      |
|              | C) FUNCTION                                                              |                                                             | 10/12/06 | mm      |
| 690          | PACK                                                                     |                                                             | 10-3-06  | DA      |

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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 7-29-06

TESTER mtl

|         | 2.50 LBS<br>INITIAL | 2.50 LBS AFTER 50<br>CYCLES | FINAL TEST & TO RESET<br>2.50 LBS |       | COMMENTS |
|---------|---------------------|-----------------------------|-----------------------------------|-------|----------|
| PULL #1 | 2.53                | 2.56                        |                                   | 2.64  |          |
| PULL #2 | 2.50                | 2.59                        |                                   | 2.73  |          |
| PULL #3 | 2.59                | 2.50                        |                                   | 2.69  |          |
| PULL #4 | 2.70                | 2.47                        |                                   | 2.68  |          |
| PULL #5 | 2.64                | 2.44                        |                                   | 2.66  |          |
| TOTAL   | 12.96               | 12.53                       |                                   | 13.40 |          |
| AVERAGE | 2.59                | 2.51                        |                                   | 2.68  |          |

|         | 3.00 LBS<br>INITIAL | 3.00 LBS AFTER 20<br>CYCLES |  | COMMENTS |
|---------|---------------------|-----------------------------|--|----------|
| PULL #1 | 2.92                | 3.01                        |  |          |
| PULL #2 | 2.94                | 3.10                        |  |          |
| PULL #3 | 3.02                | 3.28                        |  |          |
| PULL #4 | 3.07                | 3.10                        |  |          |
| PULL #5 | 3.09                | 3.09                        |  |          |
| TOTAL   | 15.04               | 15.58                       |  |          |
| AVERAGE | 3.01                | 3.12                        |  |          |

|         | 4.00 LBS<br>INITIAL | 4.00 LBS AFTER 20<br>CYCLES | MAX SETTING GREATER<br>THAN 4 LBS | RESET TO 4 LBS FOR<br>TARGET & ACCURACY |
|---------|---------------------|-----------------------------|-----------------------------------|-----------------------------------------|
| PULL #1 | 3.95                | 4.14                        |                                   | 4.04                                    |
| PULL #2 | 4.00                | 4.13                        |                                   | 4.09                                    |
| PULL #3 | 4.06                | 4.20                        |                                   | 4.11                                    |
| PULL #4 | 4.07                | 4.16                        |                                   | 4.06                                    |
| PULL #5 | 4.12                | 4.19                        |                                   | 4.08                                    |
| TOTAL   | 20.20               | 20.82                       |                                   | 20.38                                   |
| AVERAGE | 4.04                | 4.16                        |                                   | 4.08                                    |

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6535401.\_\_\_0  
FILE DATE AND TIME: 09/06/2006 05:39

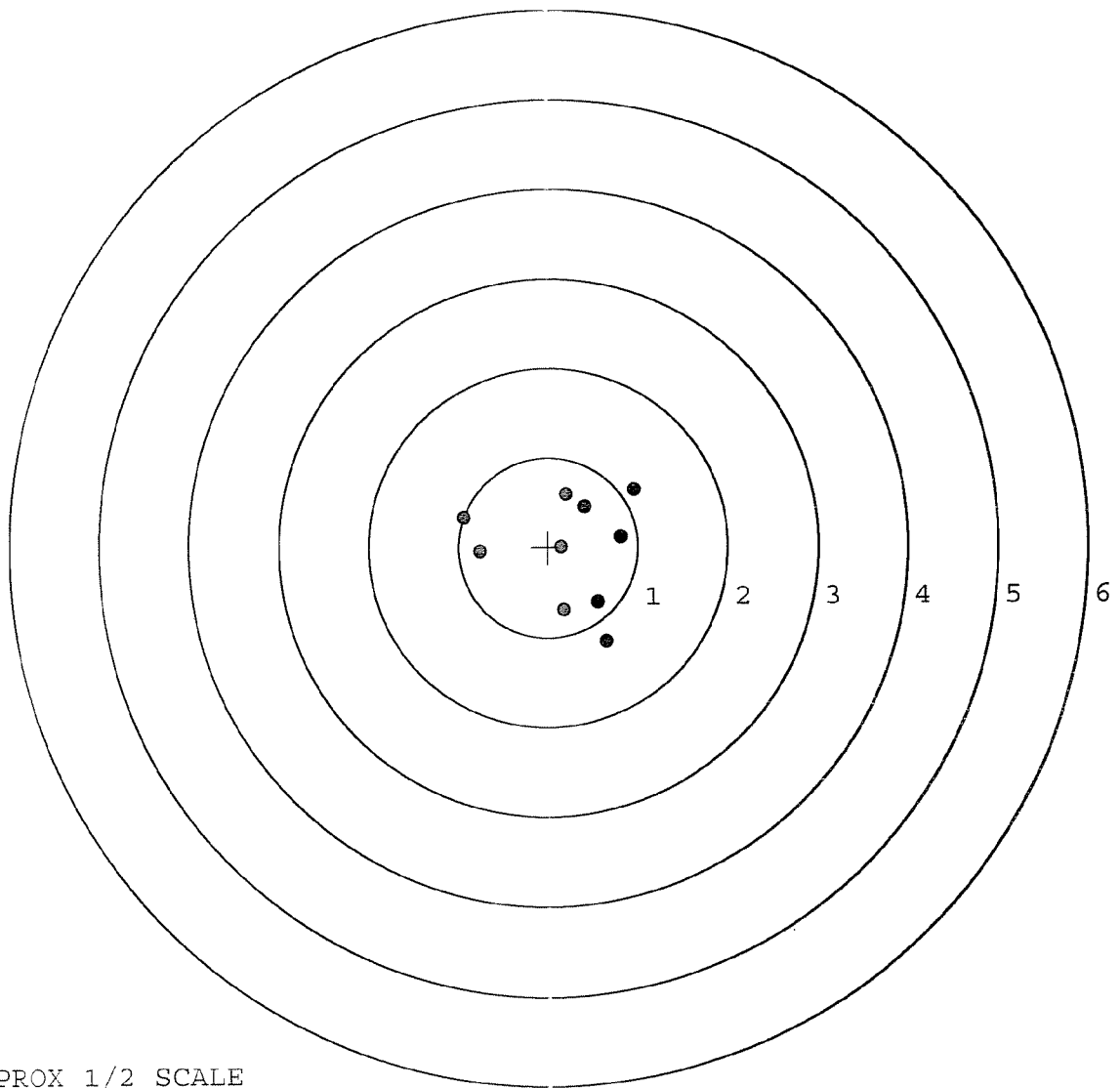
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | 0.078  |
| The Average Y Centroid of the Five Target Set:              | -0.018 |
| The Average Point of Impact of the Five Target Set:         | 0.080  |
| The Average Mean Radius of the Five Target Set:             | 0.723  |
| The Distance from POA to Centroid Target #1:                | 0.223  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.252  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.173  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.179  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.211  |

SERIAL NUMBER: G6535401. \_\_0  
TARGET NUMBER: 1  
FILE DATE: 09/06/2006  
FILE TIME: 05:39

X CENTROID: 0.221  
Y CENTROID: -0.030  
POA TO CENTROID: 0.223  
HORZ SPREAD: 1.901  
VERT SPREAD: 1.685  
GROUP SPREAD: 2.109  
MIN RADIUS: 0.075  
MAX RADIUS: 1.219  
MEAN RADIUS: 0.746  
# IN 1 IN DIAMETER: 1  
# IN 2 IN DIAMETER: 8  
# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.649  | -1.051 |
| 2:     | 0.556  | -0.609 |
| 3:     | 0.175  | -0.699 |
| 4:     | 0.958  | 0.634  |
| 5:     | 0.809  | 0.108  |
| 6:     | 0.412  | 0.449  |
| 7:     | 0.205  | 0.590  |
| 8:     | 0.150  | -0.005 |
| 9:     | -0.763 | -0.050 |
| 10:    | -0.943 | 0.332  |



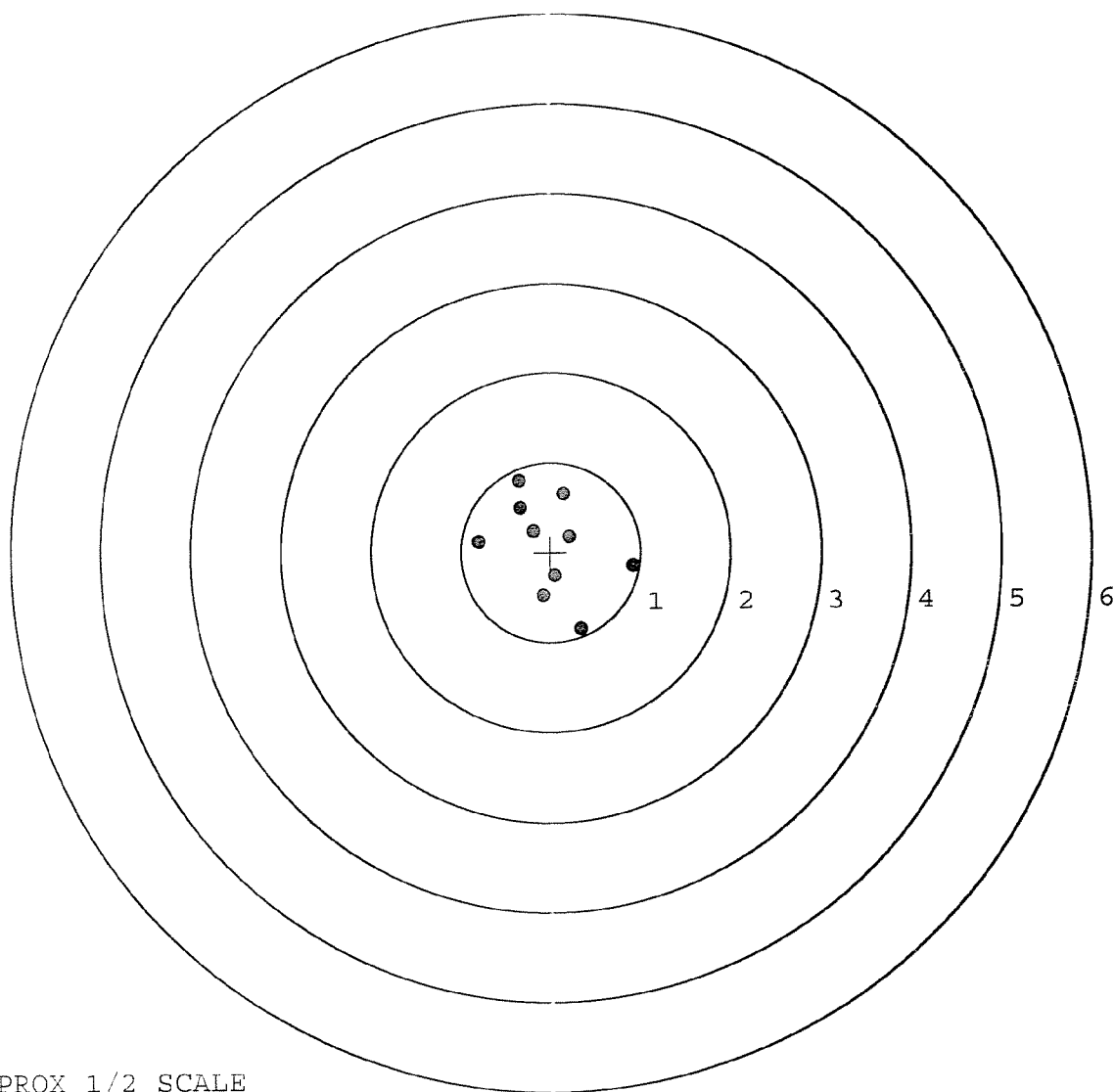
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535401. \_\_0  
TARGET NUMBER: 2  
FILE DATE: 09/06/2006  
FILE TIME: 05:39

X CENTROID: -0.009  
Y CENTROID: 0.072  
POA TO CENTROID: 0.072  
HORZ SPREAD: 1.721  
VERT SPREAD: 1.653  
GROUP SPREAD: 1.791  
MIN RADIUS: 0.242  
MAX RADIUS: 0.990  
MEAN RADIUS: 0.607

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.920  | -0.160 |
| 2:     | 0.340  | -0.855 |
| 3:     | -0.083 | -0.483 |
| 4:     | 0.048  | -0.263 |
| 5:     | -0.801 | 0.120  |
| 6:     | 0.149  | 0.653  |
| 7:     | 0.210  | 0.176  |
| 8:     | -0.189 | 0.234  |
| 9:     | -0.337 | 0.498  |
| 10:    | -0.349 | 0.798  |

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

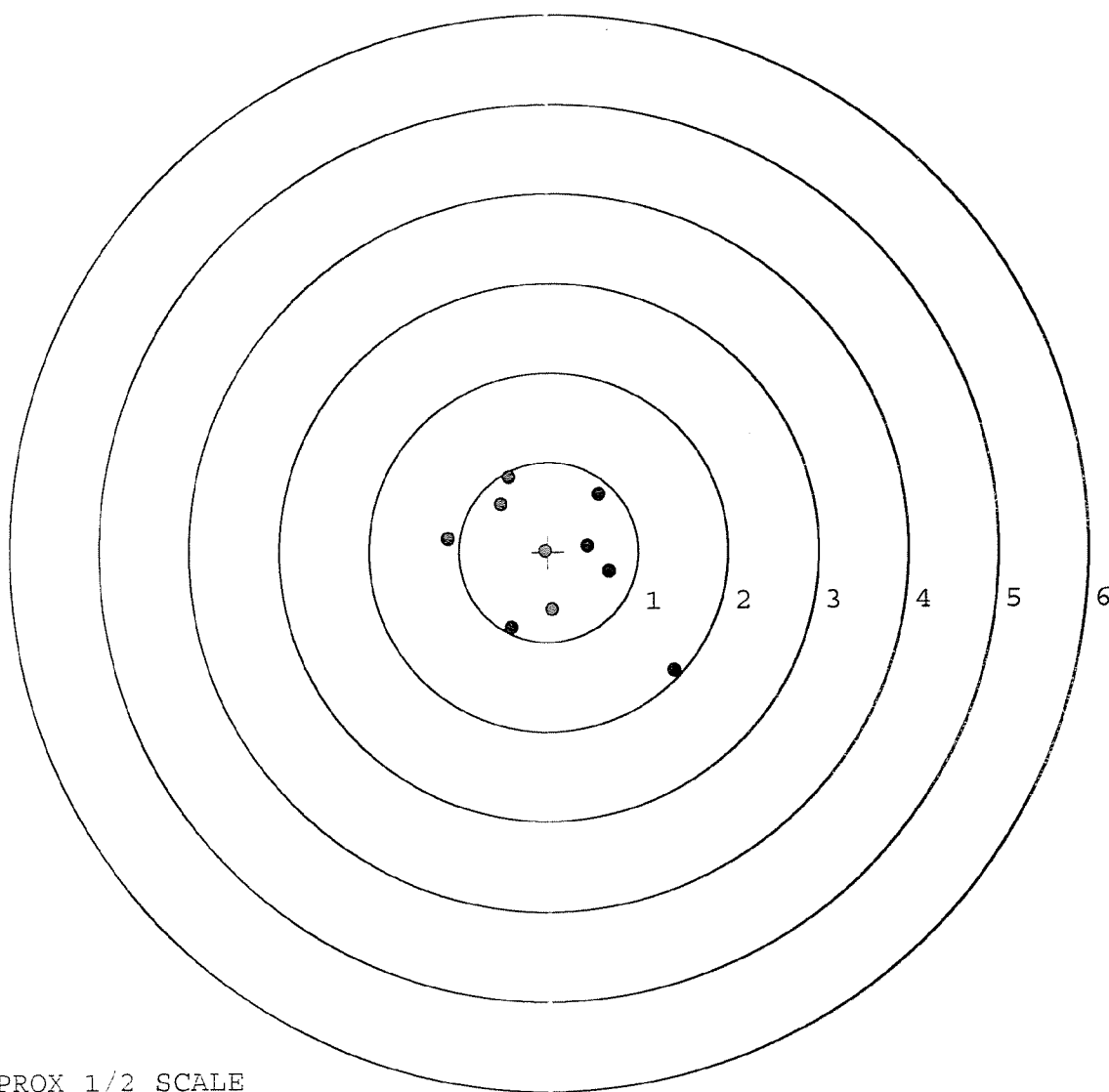


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535401. \_\_0  
TARGET NUMBER: 3  
FILE DATE: 09/06/2006  
FILE TIME: 05:39

X CENTROID: 0.056  
Y CENTROID: -0.082  
POA TO CENTROID: 0.099  
HORZ SPREAD: 2.511  
VERT SPREAD: 2.159  
GROUP SPREAD: 2.914  
MIN RADIUS: 0.130  
MAX RADIUS: 1.824  
MEAN RADIUS: 0.843  
# IN 1 IN DIAMETER: 2  
# IN 2 IN DIAMETER: 7  
# in 3 IN DIAMETER: 9

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.389  | -1.327 |
| 2:     | -0.415 | -0.843 |
| 3:     | 0.045  | -0.642 |
| 4:     | 0.674  | -0.225 |
| 5:     | 0.440  | 0.061  |
| 6:     | -0.039 | 0.007  |
| 7:     | 0.563  | 0.638  |
| 8:     | -0.444 | 0.832  |
| 9:     | -0.533 | 0.530  |
| 10:    | -1.122 | 0.152  |

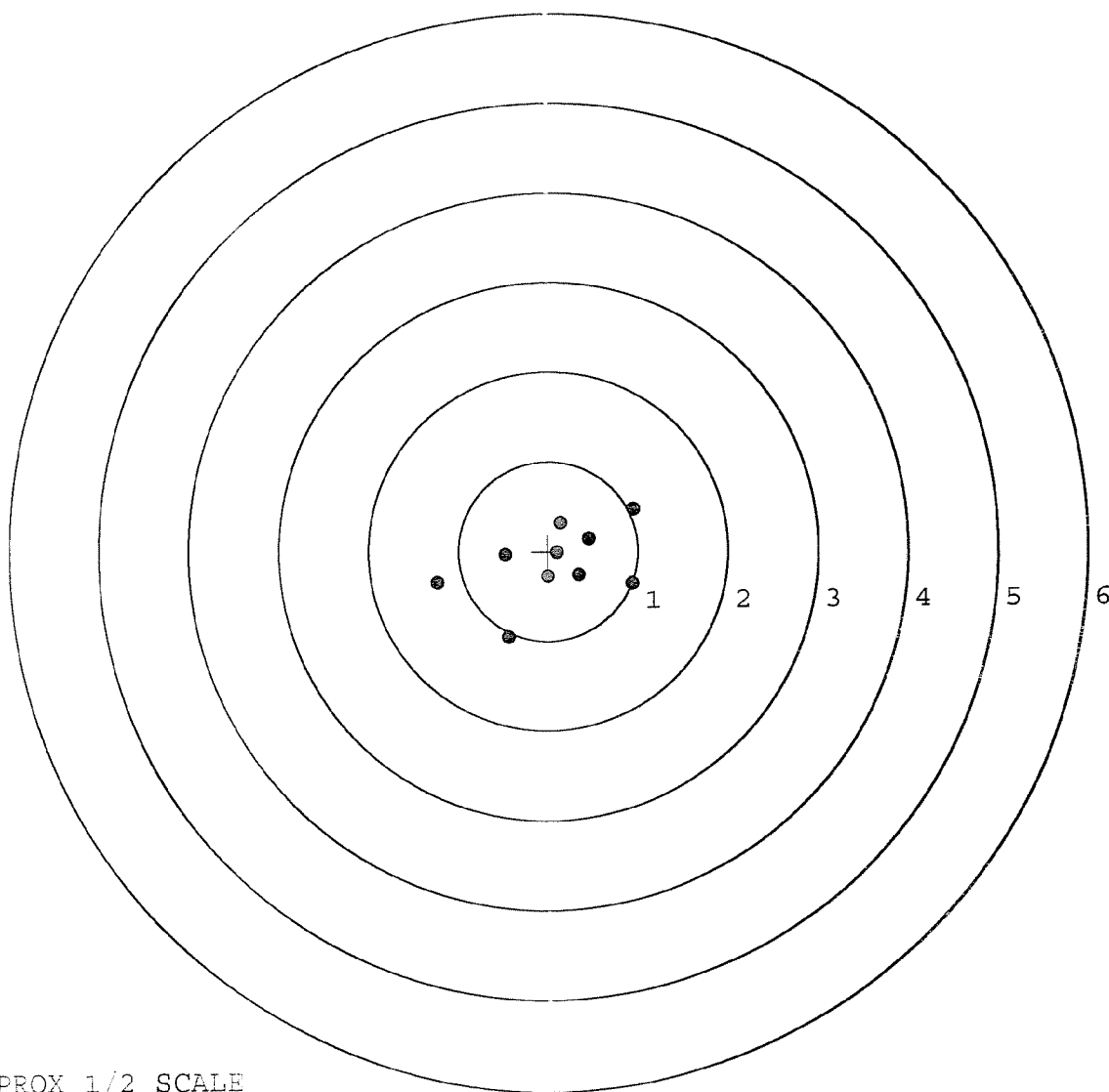


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535401. \_\_0  
TARGET NUMBER: 4  
FILE DATE: 09/06/2006  
FILE TIME: 05:39

X CENTROID: 0.078  
Y CENTROID: -0.138  
POA TO CENTROID: 0.158  
HORZ SPREAD: 2.183  
VERT SPREAD: 1.424  
GROUP SPREAD: 2.329  
MIN RADIUS: 0.125  
MAX RADIUS: 1.329  
MEAN RADIUS: 0.633  
# IN 1 IN DIAMETER: 5  
# IN 2 IN DIAMETER: 8  
# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.444 | -0.960 |
| 2:     | -1.234 | -0.349 |
| 3:     | -0.474 | -0.043 |
| 4:     | 0.949  | 0.464  |
| 5:     | 0.939  | -0.368 |
| 6:     | 0.344  | -0.270 |
| 7:     | -0.006 | -0.284 |
| 8:     | 0.457  | 0.135  |
| 9:     | 0.145  | 0.315  |
| 10:    | 0.105  | -0.015 |

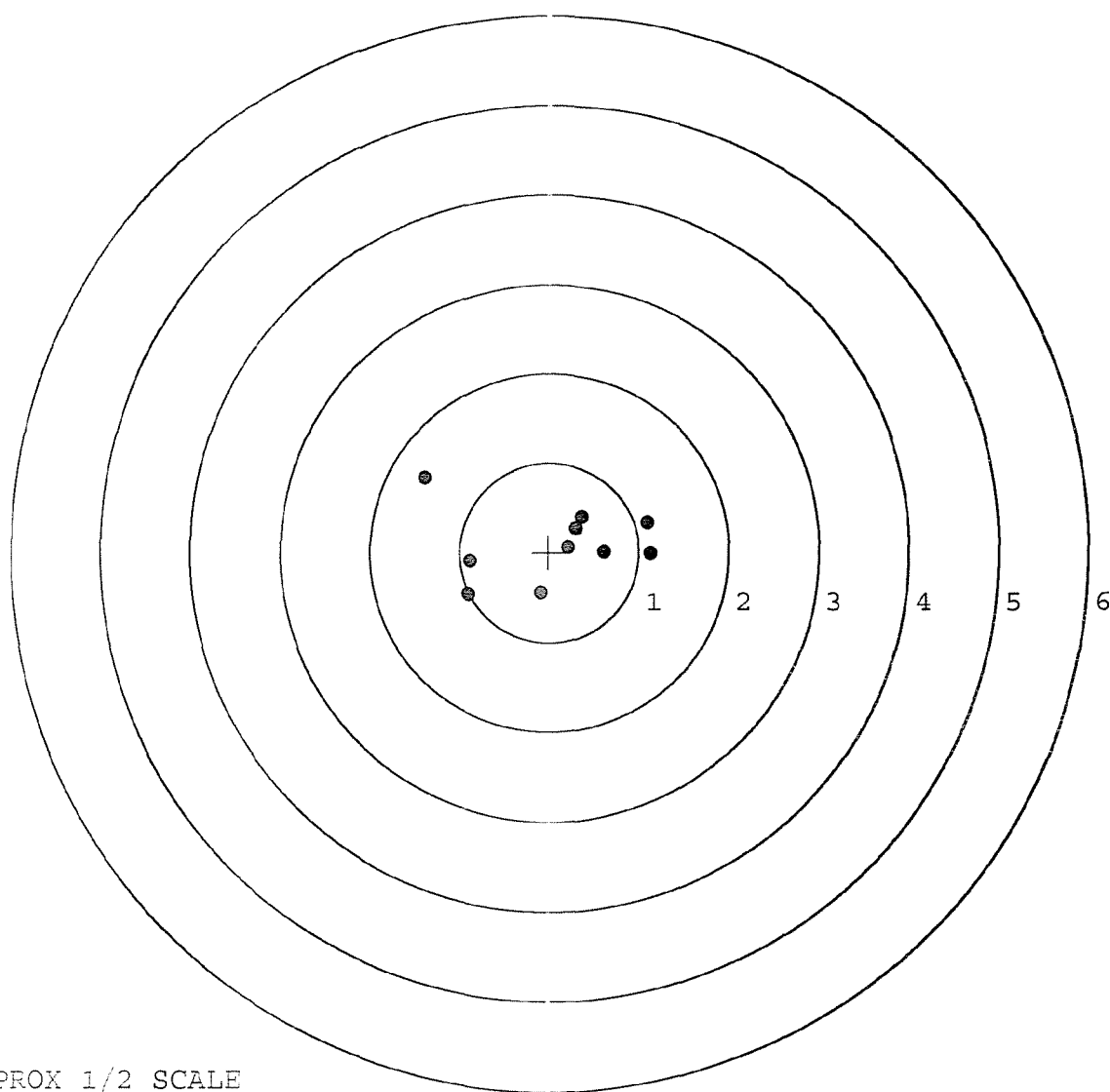


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535401. 0  
TARGET NUMBER: 5  
FILE DATE: 09/06/2006  
FILE TIME: 05:39

X CENTROID: 0.045  
Y CENTROID: 0.087  
POA TO CENTROID: 0.098  
HORZ SPREAD: 2.518  
VERT SPREAD: 1.289  
GROUP SPREAD: 2.655  
MIN RADIUS: 0.173  
MAX RADIUS: 1.612  
MEAN RADIUS: 0.788  
# IN 1 IN DIAMETER: 3  
# IN 2 IN DIAMETER: 6  
# in 3 IN DIAMETER: 9

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -1.387 | 0.827  |
| 2:     | -0.883 | -0.100 |
| 3:     | -0.904 | -0.462 |
| 4:     | -0.089 | -0.450 |
| 5:     | 1.131  | -0.014 |
| 6:     | 1.089  | 0.332  |
| 7:     | 0.616  | 0.013  |
| 8:     | 0.365  | 0.394  |
| 9:     | 0.299  | 0.269  |
| 10:    | 0.216  | 0.059  |



TARGET APPROX 1/2 SCALE