

66731451

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

- INSTRUCTION BOOK 3518

**BM FORM**

proof of purchase



owner registration sticker



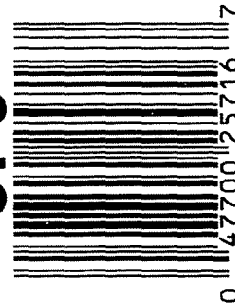
**ORDER NO. 25716**

**BARREL LENGTH 24"**

**CAPACITY 6**

**G6731451**

**UPC**



M-24  
INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6731451

| OP #         | OPERATION NAME                                                                                                                         | READINGS               | DATE    | INITIAL |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------|------------------------|---------|---------|
| 410          | SERIALIZE BOLT HANDLE                                                                                                                  |                        | 4-2-08  | L.P.D.  |
| 420          | ASSEMBLE ACTION                                                                                                                        |                        | 4-2-08  | L.P.D.  |
| 430          | ASSEMBLE TO STOCK                                                                                                                      |                        | 4-2-08  | TRW     |
| 440          | PROOF                                                                                                                                  | MAGNA - FLUX           | 4-2-08  | TRW     |
| 460          | CHECK HEADSPACE                                                                                                                        | APR 04 2008            | 4-2-08  | TRW     |
| 470          | DIS-ASSEMBLE ACTION                                                                                                                    |                        | 4-3-08  | L.P.D.  |
| 480          | MAGNAFLUX BBL ACTION                                                                                                                   | OPERATOR <u>currie</u> | 4/4/08  | currie  |
| 490          | MAGNAFLUX BOLT                                                                                                                         |                        |         |         |
| 500          | ROLLMARK CALIBER                                                                                                                       |                        | 4-3-08  | CW      |
| 510          | DRILL AND TAP<br>SIGHT HOLES                                                                                                           |                        | 4-3-08  | FM      |
| 520          | GOFF BLAST BBL / REC                                                                                                                   |                        | 4-7-08  | DG      |
| 530 &<br>540 | APPLY COATINGS<br>(BARREL ACTION)                                                                                                      |                        | 4-11-08 | CM      |
|              | (BOLT)                                                                                                                                 |                        |         |         |
| 560          | RE-ASSEMBLE ACTION                                                                                                                     |                        |         |         |
|              | A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                                                                                                    |                        | 4-14-08 | L.P.D.  |
|              | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD                                                                         |                        | 4-14-08 | L.P.D.  |
|              | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                                                                                                 |                        | 4-14-08 | L.P.D.  |
|              | D) OIL FIRING PIN ASSEMBLY                                                                                                             |                        | 4-17-08 | L.P.D.  |
|              | 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> |                        |         |         |

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>6.0</u> <u>6.5</u> <u>5.5</u>                            | 4-21-08 | TRW     |
| CONT.        |                                                                          |                                                             |         |         |
|              | G) SAFETY OFF FORCE <span>2 LBS MIN</span>                               | <u>2.25</u> <u>2.5</u> <u>2.5</u>                           | 4-21-08 | TRW     |
|              | H) TRIGGER PULL TEST<br>AND RETAINABILITY                                |                                                             |         |         |
|              | I) FIRING PIN INDENT <span>.020 MIN</span>                               | <u>.022</u> <u>.0235</u> <u>.0225</u>                       | 4-21-08 | TRW     |
|              | J) ASSEMBLE STOCK                                                        |                                                             | 4-17-08 | J.P.D.  |
|              | K) ASSEMBLE SWIVEL<br>STUDS                                              |                                                             | 4-21-08 | TRW     |
|              | L) ATTACH FRONT AND<br>REAR SIGHT ASSY'S                                 |                                                             | 4-22-08 | J.P.D.  |
|              | M) IRON SIGHT<br>ALIGNMENT                                               |                                                             | 4-22-08 | J.P.D.  |
|              | N) DETACH FRONT AND<br>REAR SIGHTS AND PLACE<br>IN NUMBERED CONTAINER    |                                                             | 4-22-08 | J.P.D.  |
| 640 &<br>650 | FUNCTION TEST AND<br>TARGET                                              | <u>PASS</u> FAIL<br><u>PASS</u> FAIL                        | 4-18-08 | TRW     |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
| 660          | INSPECT FOR LIVE AMMO                                                    |                                                             | 4-18-08 |         |
| 670          | FINAL INSPECTION<br>A) HEADSPACE                                         |                                                             | 4-21-08 | TRW     |
|              | B) TRIGGER PULL <span>+/- .5 LBS<br/>MIN 2.50 LBS<br/>MAX 4.0 LBS</span> | <u>2.57</u> <u>2.54</u> <u>2.56</u> <u>2.53</u> <u>2.58</u> | 4-21-08 | TRW     |
|              | C) FUNCTION                                                              |                                                             | 4-21-08 | TRW     |
| 690          | PACK                                                                     |                                                             | 6/18/08 | FM      |

F004 REV 5/2006

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 1-9-08

TESTER TRW

|         | 2.50 LBS<br>INITIAL | 2.50 LBS AFTER 50<br>CYCLES | FINAL TEST & TO RESET<br>2.50 LBS |       | COMMENTS |
|---------|---------------------|-----------------------------|-----------------------------------|-------|----------|
| PULL #1 | 2.60                | 2.67                        |                                   | 2.45  |          |
| PULL #2 | 2.46                | 2.65                        |                                   | 2.40  |          |
| PULL #3 | 2.50                | 2.55                        |                                   | 2.73  |          |
| PULL #4 | 2.79                | 2.31                        |                                   | 2.62  |          |
| PULL #5 | 2.73                | 2.77                        |                                   | 2.79  |          |
| TOTAL   | 13.08               | 12.95                       |                                   | 12.99 |          |
| AVERAGE | 2.61                | 2.59                        |                                   | 2.59  |          |

|         | 3.00 LBS<br>INITIAL | 3.00 LBS AFTER 20<br>CYCLES |  | COMMENTS |
|---------|---------------------|-----------------------------|--|----------|
| PULL #1 | 3.14                | 3.30                        |  |          |
| PULL #2 | 3.22                | 3.15                        |  |          |
| PULL #3 | 3.25                | 3.12                        |  |          |
| PULL #4 | 3.08                | 3.13                        |  |          |
| PULL #5 | 3.10                | 3.14                        |  |          |
| TOTAL   | 15.79               | 15.84                       |  |          |
| AVERAGE | 3.15                | 3.16                        |  |          |

|         | 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 | 4.25                | 4.29                        |                                   | 4.63                                    |
| PULL #2 | 4.39                | 4.65                        |                                   | 4.41                                    |
| PULL #3 | 4.02                | 4.29                        |                                   | 4.45                                    |
| PULL #4 | 4.20                | 4.41                        |                                   | 4.44                                    |
| PULL #5 | 4.10                | 4.42                        |                                   | 4.51                                    |
| TOTAL   | 20.96               | 22.06                       |                                   | 22.44                                   |
| AVERAGE | 4.19                | 4.41                        |                                   | 4.48                                    |

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6731451.\_\_0  
FILE DATE AND TIME: 04/18/2008 10:03

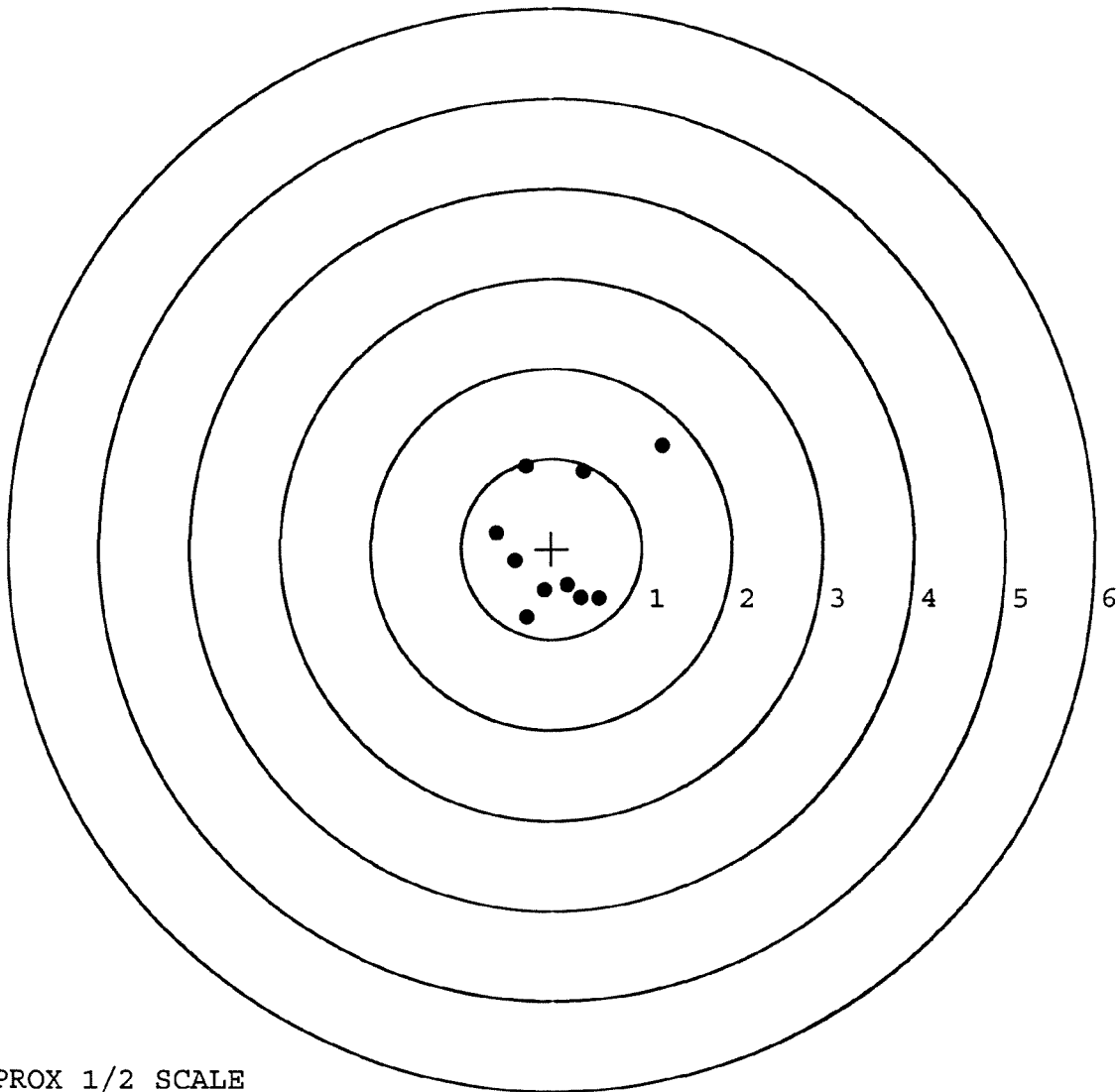
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | 0.039  |
| The Average Y Centroid of the Five Target Set:              | -0.111 |
| The Average Point of Impact of the Five Target Set:         | 0.117  |
| The Average Mean Radius of the Five Target Set:             | 0.821  |
| The Distance from POA to Centroid Target #1:                | 0.095  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.152  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.125  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.232  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.525  |

SERIAL NUMBER: G6731451.\_\_\_0  
TARGET NUMBER: 1  
FILE DATE: 04/18/2008  
FILE TIME: 10:03

X CENTROID: 0.093  
Y CENTROID: 0.020  
POA TO CENTROID: 0.095  
HORZ SPREAD: 1.851  
VERT SPREAD: 1.898  
GROUP SPREAD: 2.428  
MIN RADIUS: 0.437  
MAX RADIUS: 1.596  
MEAN RADIUS: 0.785  
# IN 1 IN DIAMETER: 1  
# IN 2 IN DIAMETER: 9  
# in 3 IN DIAMETER: 9

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.233  | 1.137  |
| 2:     | 0.355  | 0.857  |
| 3:     | -0.285 | 0.916  |
| 4:     | -0.618 | 0.174  |
| 5:     | -0.410 | -0.140 |
| 6:     | 0.522  | -0.558 |
| 7:     | 0.323  | -0.548 |
| 8:     | 0.175  | -0.409 |
| 9:     | -0.085 | -0.464 |
| 10:    | -0.281 | -0.761 |

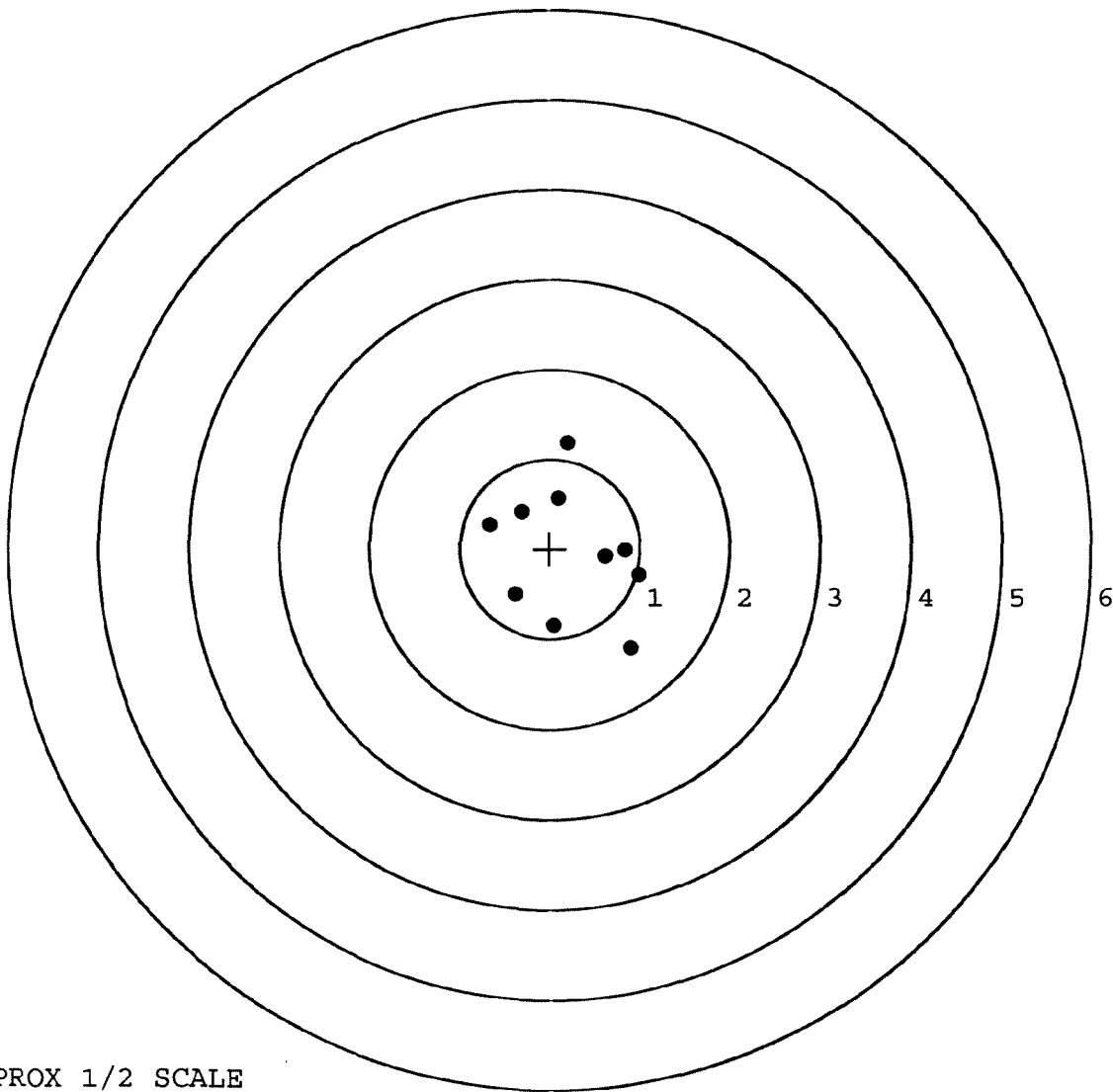


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6731451. \_\_ 0  
TARGET NUMBER: 2  
FILE DATE: 04/18/2008  
FILE TIME: 10:03

X CENTROID: 0.230  
Y CENTROID: -0.046  
POA TO CENTROID: 0.234  
HORZ SPREAD: 1.659  
VERT SPREAD: 2.292  
GROUP SPREAD: 2.394  
MIN RADIUS: 0.389  
MAX RADIUS: 1.251  
MEAN RADIUS: 0.818  
# IN 1 IN DIAMETER: 1  
# IN 2 IN DIAMETER: 8  
# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.893  | -1.107 |
| 2:     | 0.988  | -0.302 |
| 3:     | 0.840  | -0.023 |
| 4:     | 0.616  | -0.090 |
| 5:     | 0.042  | -0.855 |
| 6:     | -0.390 | -0.517 |
| 7:     | -0.671 | 0.266  |
| 8:     | -0.318 | 0.417  |
| 9:     | 0.095  | 0.561  |
| 10:    | 0.203  | 1.185  |

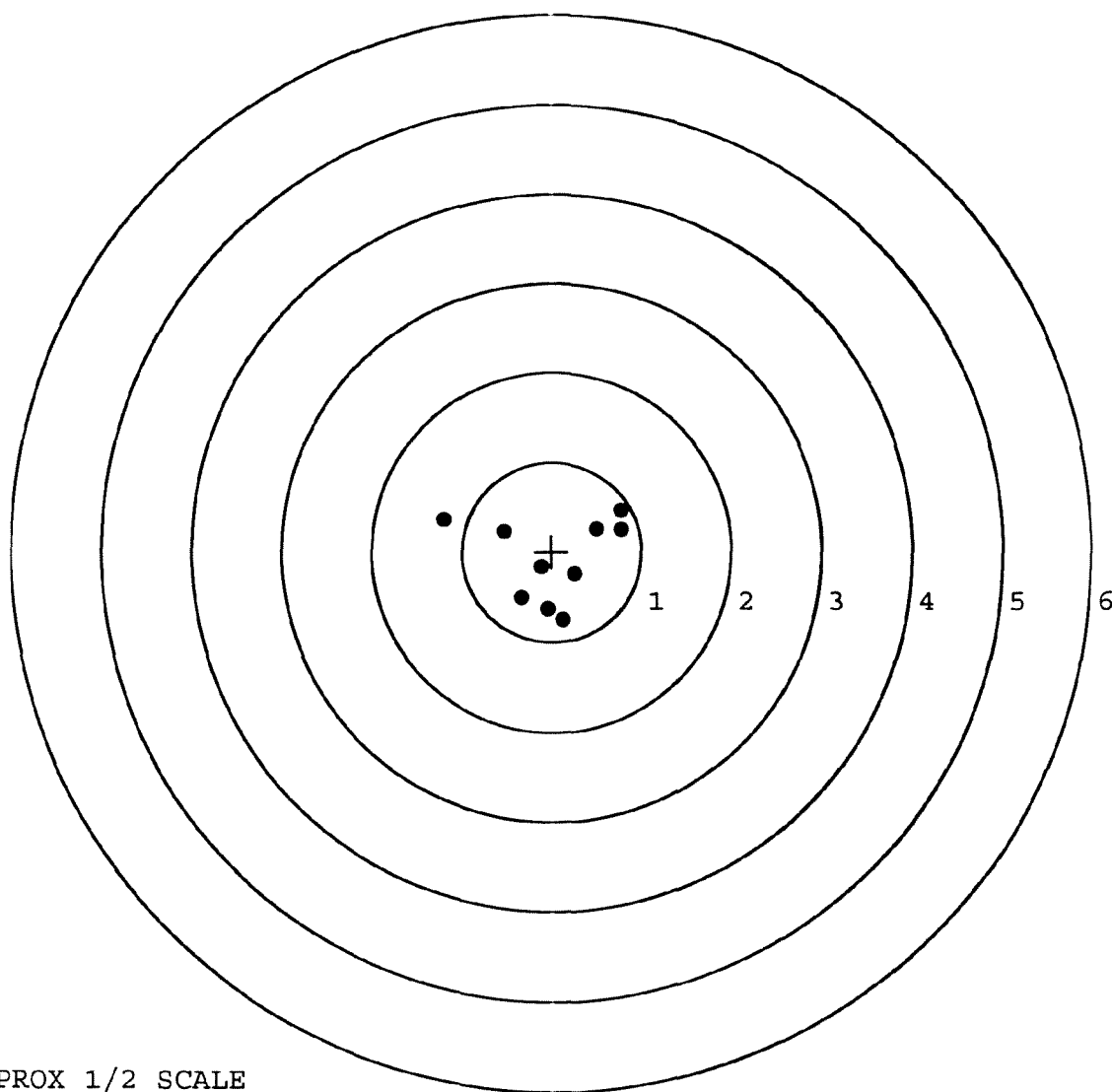


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6731451. \_\_0  
TARGET NUMBER: 3  
FILE DATE: 04/18/2008  
FILE TIME: 10:03

X CENTROID: 0.018  
Y CENTROID: -0.080  
POA TO CENTROID: 0.082  
HORZ SPREAD: 1.979  
VERT SPREAD: 1.230  
GROUP SPREAD: 1.982  
MIN RADIUS: 0.163  
MAX RADIUS: 1.299  
MEAN RADIUS: 0.655  
# IN 1 IN DIAMETER: 2  
# IN 2 IN DIAMETER: 9  
# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.772  | 0.249  |
| 2:     | 0.773  | 0.464  |
| 3:     | -0.535 | 0.228  |
| 4:     | -1.206 | 0.355  |
| 5:     | 0.258  | -0.253 |
| 6:     | -0.114 | -0.175 |
| 7:     | 0.123  | -0.766 |
| 8:     | -0.047 | -0.644 |
| 9:     | -0.341 | -0.514 |
| 10:    | 0.497  | 0.256  |

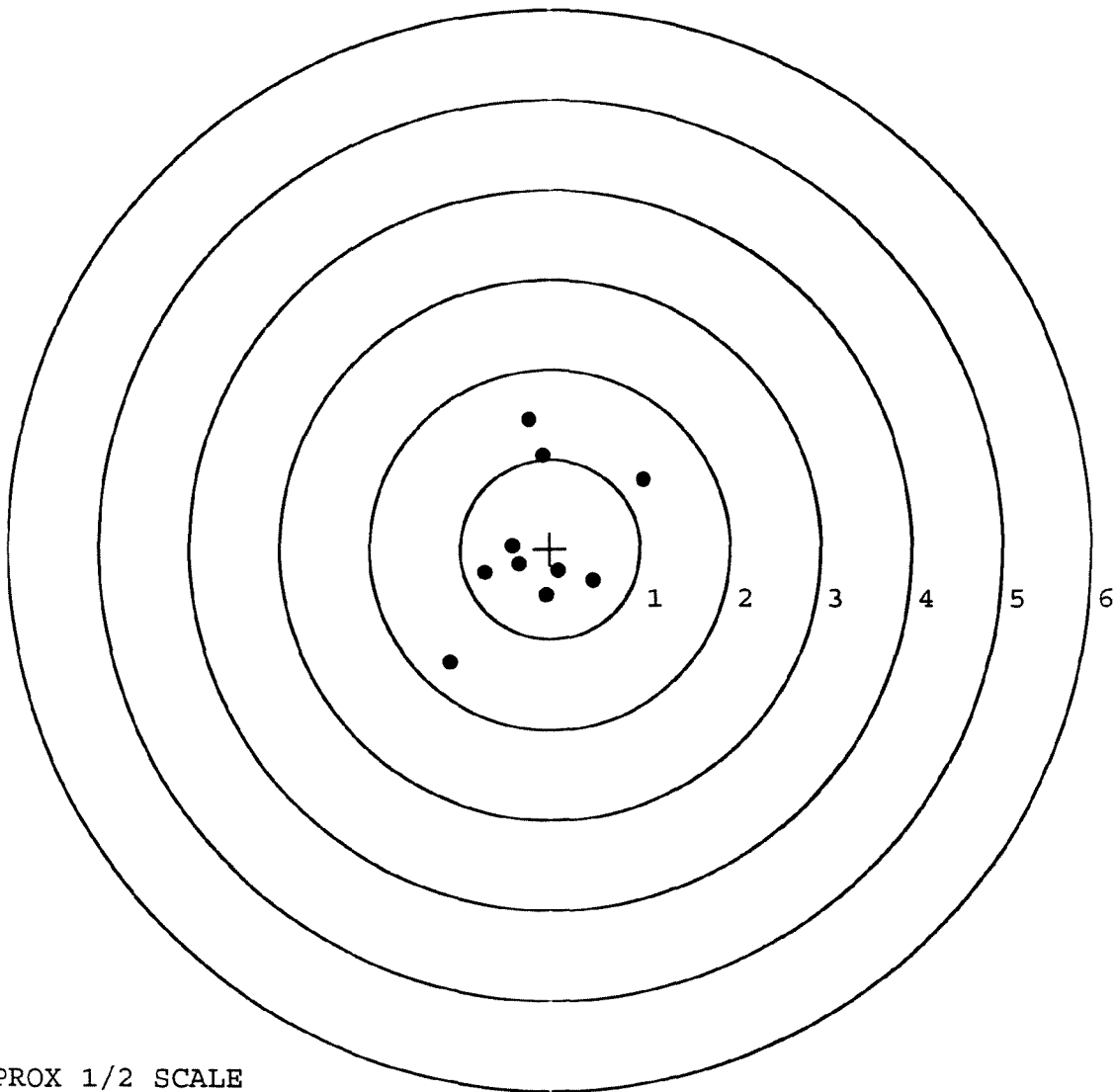


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6731451. \_\_0  
TARGET NUMBER: 4  
FILE DATE: 04/18/2008  
FILE TIME: 10:03

X CENTROID: -0.138  
Y CENTROID: 0.046  
POA TO CENTROID: 0.145  
HORZ SPREAD: 2.147  
VERT SPREAD: 2.719  
GROUP SPREAD: 2.968  
MIN RADIUS: 0.287  
MAX RADIUS: 1.638  
MEAN RADIUS: 0.837  
# IN 1 IN DIAMETER: 3  
# IN 2 IN DIAMETER: 6  
# in 3 IN DIAMETER: 9

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.038  | 0.776  |
| 2:     | -0.084 | 1.046  |
| 3:     | -0.243 | 1.446  |
| 4:     | 0.477  | -0.357 |
| 5:     | 0.090  | -0.248 |
| 6:     | -0.050 | -0.523 |
| 7:     | -0.347 | -0.174 |
| 8:     | -0.425 | 0.038  |
| 9:     | -0.726 | -0.268 |
| 10:    | -1.109 | -1.273 |

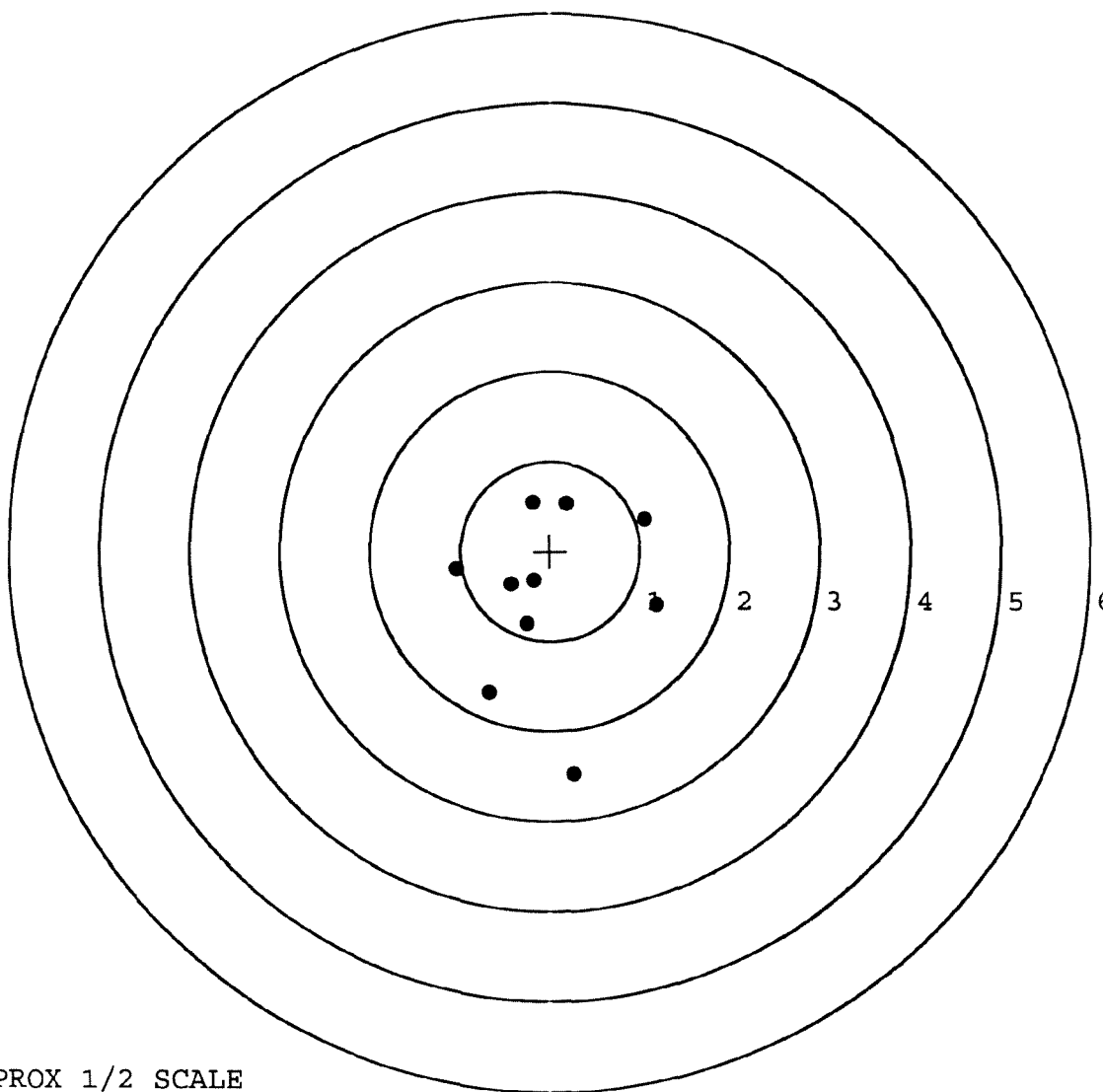


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6731451. \_\_0  
TARGET NUMBER: 5  
FILE DATE: 04/18/2008  
FILE TIME: 10:03

X CENTROID: -0.010  
Y CENTROID: -0.495  
POA TO CENTROID: 0.495  
HORZ SPREAD: 2.237  
VERT SPREAD: 3.023  
GROUP SPREAD: 3.059  
MIN RADIUS: 0.237  
MAX RADIUS: 2.007  
MEAN RADIUS: 1.010  
# IN 1 IN DIAMETER: 3  
# IN 2 IN DIAMETER: 3  
# in 3 IN DIAMETER: 9

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.193  | -0.598 |
| 2:     | 1.053  | 0.354  |
| 3:     | 0.180  | 0.528  |
| 4:     | -0.194 | 0.541  |
| 5:     | -0.183 | -0.333 |
| 6:     | -0.434 | -0.367 |
| 7:     | -0.262 | -0.811 |
| 8:     | -1.044 | -0.206 |
| 9:     | -0.679 | -1.575 |
| 10:    | 0.272  | -2.482 |



TARGET APPROX 1/2 SCALE