

G673 1463

M-24  
INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # 66731463

| OP #         | OPERATION NAME                                                 | READINGS             | DATE    | INITIAL |
|--------------|----------------------------------------------------------------|----------------------|---------|---------|
| 410          | SERIALIZE BOLT HANDLE                                          |                      | 3-4-08  | RPD     |
| 420          | ASSEMBLE ACTION                                                |                      | 3-4-08  | RPD     |
| 430          | ASSEMBLE TO STOCK                                              |                      | 3-4-08  | TRW     |
| 440          | PROOF                                                          | MAGNA - FLUX         | 3-4-08  | TRW     |
| 460          | CHECK HEADSPACE                                                | MAX 0.6 2008         | 3-4-08  | TRW     |
| 470          | DIS-ASSEMBLE ACTION                                            |                      | 3-4-08  | RPD     |
| 480          | MAGNAFLUX BBL ACTION                                           | OPERATOR <u>unnd</u> | 3/6/08  | unnd    |
| 490          | MAGNAFLUX BOLT                                                 |                      |         |         |
| 500          | ROLLMARK CALIBER                                               |                      | 3-5-08  | CW      |
| 510          | DRILL AND TAP<br>SIGHT HOLES                                   |                      | 3-5-08  | TRW     |
| 520          | GOFF BLAST BBL / REC                                           |                      | 3-6-08  | JDG     |
| 530 &<br>540 | APPLY COATINGS<br>(BARREL ACTION)                              |                      | 3-10-08 | CW      |
|              | (BOLT)                                                         |                      |         |         |
| 560          | RE-ASSEMBLE ACTION                                             |                      |         |         |
|              | A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                            |                      | 3-13-08 | RTZ     |
|              | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD |                      | 3-13-08 | RTZ     |
|              | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                         |                      | 3-13-08 | RTZ     |
|              | D) OIL FIRING PIN ASSEMBLY                                     |                      | 3-13-08 | RTZ     |
|              | E) ADJUST TRIGGER PULL<br>TO MIN. SETTING AND<br>STAKE         | 2.50 LBS +/- .5 LBS  |         |         |

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>5.5</u> <u>5.5</u> <u>5.5</u>                            | 3/18/08 | DA      |
| CONT.        |                                                                          |                                                             |         |         |
|              | G) SAFETY OFF FORCE <span>2 LBS MIN</span>                               | <u>3.75</u> <u>3.50</u> <u>3.75</u>                         | 3/18/08 | DA      |
|              | H) TRIGGER PULL TEST<br>AND RETAINABILITY                                |                                                             |         |         |
|              | I) FIRING PIN INDENT <span>.020 MIN</span>                               | <u>.023</u> <u>.0235</u> <u>.023</u>                        | 3/18/08 | DA      |
|              | J) ASSEMBLE STOCK                                                        |                                                             | 3-13-08 | RTZ     |
|              | K) ASSEMBLE SWIVEL<br>STUDS                                              |                                                             | 3-18-08 | DA      |
|              | L) ATTACH FRONT AND<br>REAR SIGHT ASSY'S                                 |                                                             | 3-18-08 | RTZ     |
|              | M) IRON SIGHT<br>ALIGNMENT                                               |                                                             | 3-18-08 | RTZ     |
|              | N) DETACH FRONT AND<br>REAR SIGHTS AND PLACE<br>IN NUMBERED CONTAINER    |                                                             | 3-18-08 | RTZ     |
| 640 &<br>650 | FUNCTION TEST AND<br>TARGET                                              | <u>PASS</u> FAIL<br><u>PASS</u> FAIL                        | 3-17-08 | TRW     |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
| 660          | INSPECT FOR LIVE AMMO                                                    |                                                             | 3-17-08 | RP      |
| 670          | FINAL INSPECTION<br>A) HEADSPACE                                         |                                                             | 3-18-08 | RTZ     |
|              | B) TRIGGER PULL <span>+/- .5 LBS<br/>MIN 2.50 LBS<br/>MAX 4.0 LBS</span> | <u>2.49</u> <u>2.49</u> <u>2.57</u> <u>2.50</u> <u>2.48</u> | 3/18/08 | DA      |
|              | C) FUNCTION                                                              |                                                             | 3-18-08 | RTZ     |
| 690          | PACK                                                                     |                                                             | 3/19/08 | DA      |

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 1-28-08

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 | 2.49                | 2.57                        |                                   | 2.55  |          |
| PULL #2 | 2.30                | 2.57                        |                                   | 2.44  |          |
| PULL #3 | 2.48                | 2.39                        |                                   | 2.49  |          |
| PULL #4 | 2.48                | 2.37                        |                                   | 2.38  |          |
| PULL #5 | 2.45                | 2.42                        |                                   | 2.23  |          |
| TOTAL   | 12.20               | 12.32                       |                                   | 12.09 |          |
| AVERAGE | 2.44                | 2.46                        |                                   | 2.41  |          |

|         | 3.00 LBS<br>INITIAL | 3.00 LBS AFTER 20<br>CYCLES |  | COMMENTS |
|---------|---------------------|-----------------------------|--|----------|
| PULL #1 | 3.19                | 3.35                        |  |          |
| PULL #2 | 3.19                | 3.07                        |  |          |
| PULL #3 | 3.01                | 3.09                        |  |          |
| PULL #4 | 3.36                | 3.11                        |  |          |
| PULL #5 | 3.19                | 3.10                        |  |          |
| TOTAL   | 15.94               | 15.72                       |  |          |
| AVERAGE | 3.18                | 3.14                        |  |          |

|         | 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                | 3.94                        |                                   | 4.59                                    |
| PULL #2 | 4.42                | 3.98                        |                                   | 4.57                                    |
| PULL #3 | 4.14                | 4.27                        |                                   | 4.58                                    |
| PULL #4 | 4.20                | 4.17                        |                                   | 4.41                                    |
| PULL #5 | 4.25                | 4.23                        |                                   | 4.54                                    |
| TOTAL   | 21.26               | 20.59                       |                                   | 22.69                                   |
| AVERAGE | 4.25                | 4.11                        |                                   | 4.53                                    |

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6731463.\_\_0  
FILE DATE AND TIME: 03/18/2008 08:13

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.030 |
| The Average Y Centroid of the Five Target Set:              | 0.055  |
| The Average Point of Impact of the Five Target Set:         | 0.062  |
| The Average Mean Radius of the Five Target Set:             | 0.741  |
| The Distance from POA to Centroid Target #1:                | 0.036  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.085  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.139  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.125  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.049  |

SERIAL NUMBER: G6731463. \_\_0

TARGET NUMBER: 1

FILE DATE: 03/18/2008

FILE TIME: 08:13

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.385  | -1.083 |
| 2:     | 0.785  | 1.253  |
| 3:     | 0.612  | 0.811  |
| 4:     | 0.206  | 0.238  |
| 5:     | -1.013 | -0.571 |
| 6:     | -0.647 | -0.423 |
| 7:     | -0.440 | 0.010  |
| 8:     | -0.035 | -0.274 |
| 9:     | -0.230 | -0.415 |
| 10:    | 0.060  | 0.279  |

X CENTROID: -0.032

Y CENTROID: -0.017

POA TO CENTROID: 0.036

HORZ SPREAD: 1.798

VERT SPREAD: 2.336

GROUP SPREAD: 2.561

MIN RADIUS: 0.257

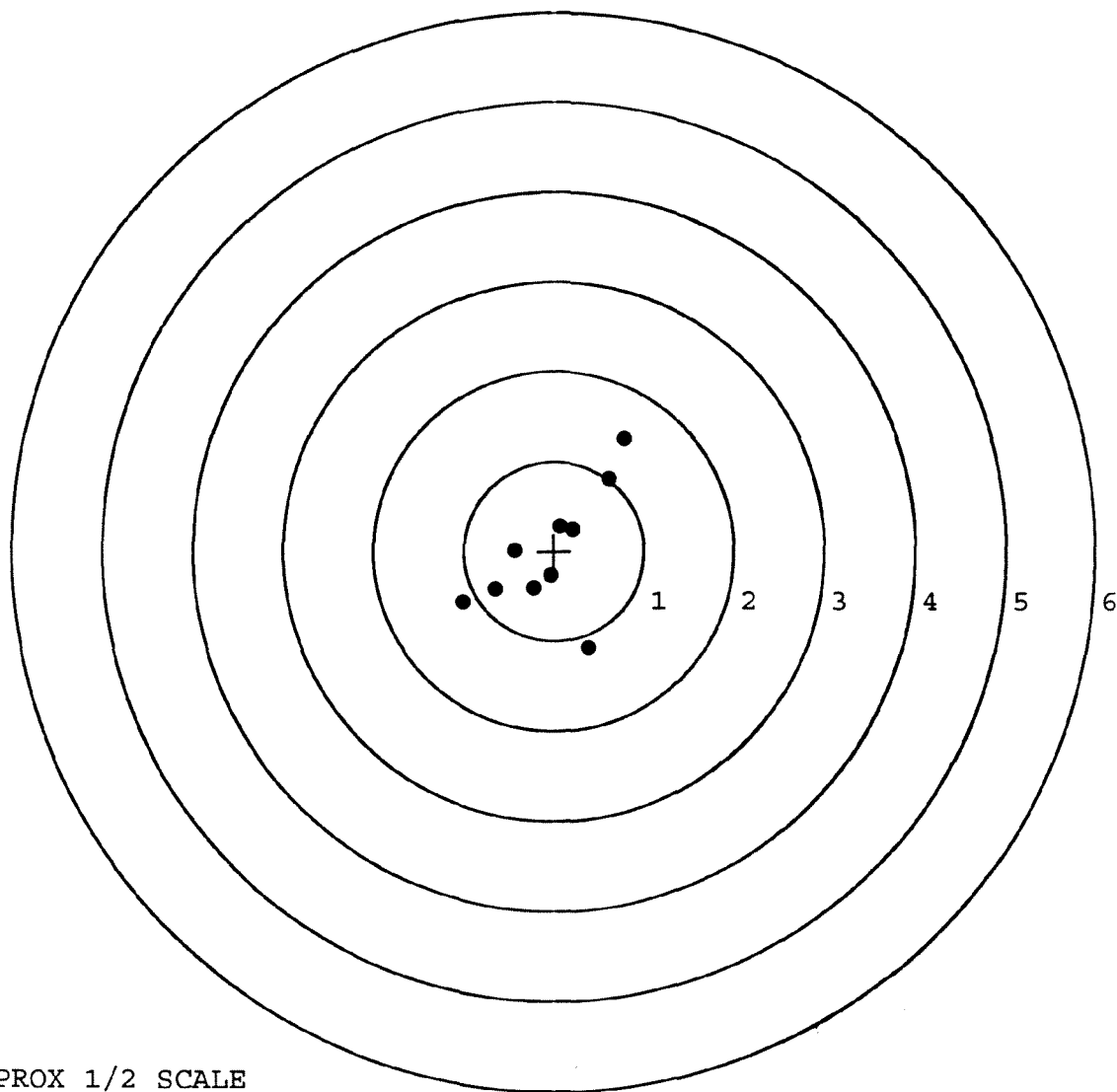
MAX RADIUS: 1.510

MEAN RADIUS: 0.734

# IN 1 IN DIAMETER: 5

# IN 2 IN DIAMETER: 6

# in 3 IN DIAMETER: 9

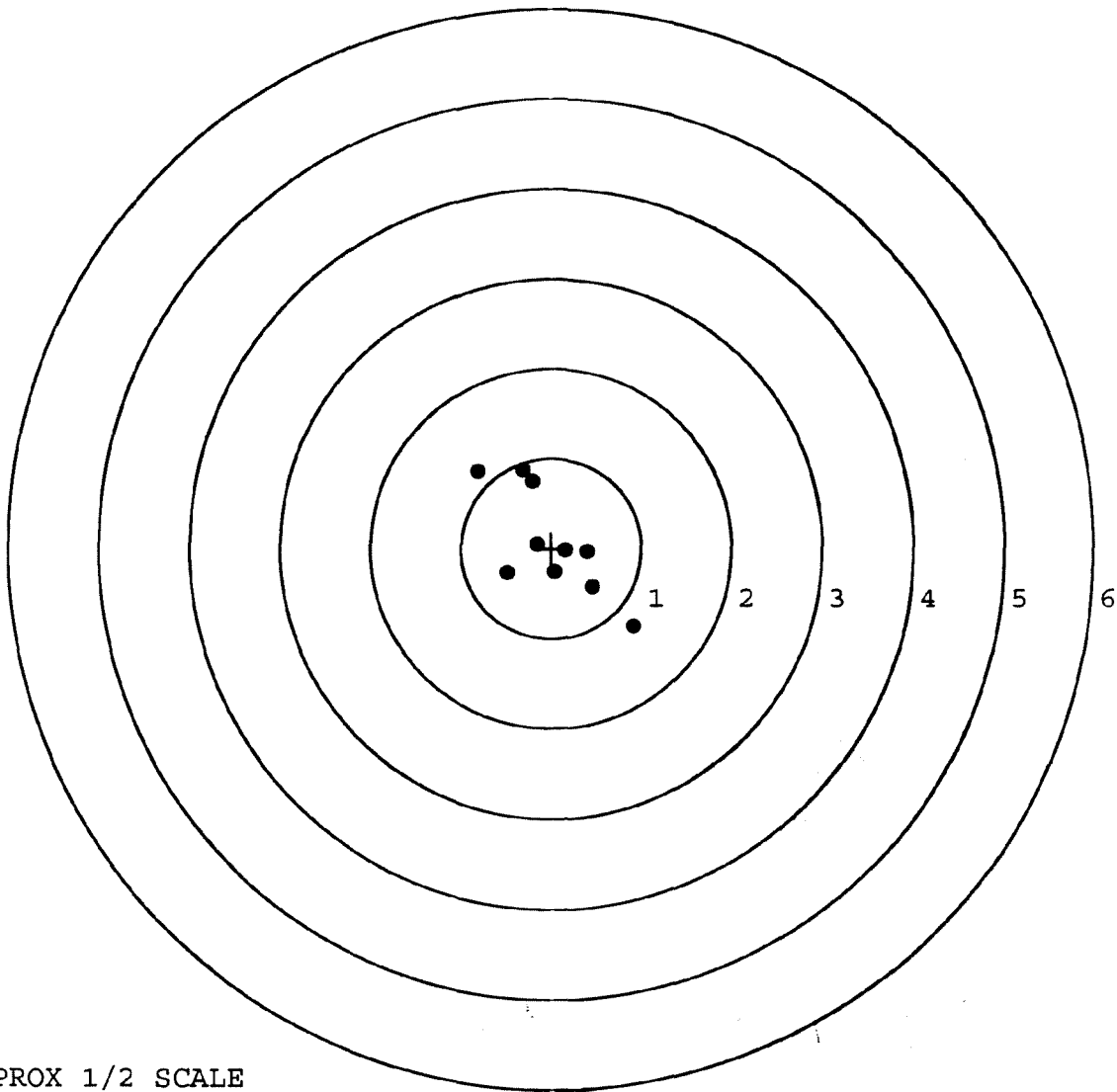


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6731463. \_\_0  
TARGET NUMBER: 2  
FILE DATE: 03/18/2008  
FILE TIME: 08:13

X CENTROID: -0.002  
Y CENTROID: 0.063  
POA TO CENTROID: 0.063  
HORZ SPREAD: 1.718  
VERT SPREAD: 1.741  
GROUP SPREAD: 2.435  
MIN RADIUS: 0.157  
MAX RADIUS: 1.304  
MEAN RADIUS: 0.637  
# IN 1 IN DIAMETER: 4  
# IN 2 IN DIAMETER: 8  
# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.810 | 0.856  |
| 2:     | -0.316 | 0.871  |
| 3:     | -0.211 | 0.746  |
| 4:     | -0.493 | -0.272 |
| 5:     | -0.159 | 0.051  |
| 6:     | 0.908  | -0.870 |
| 7:     | 0.455  | -0.432 |
| 8:     | 0.405  | -0.040 |
| 9:     | 0.037  | -0.261 |
| 10:    | 0.159  | -0.021 |

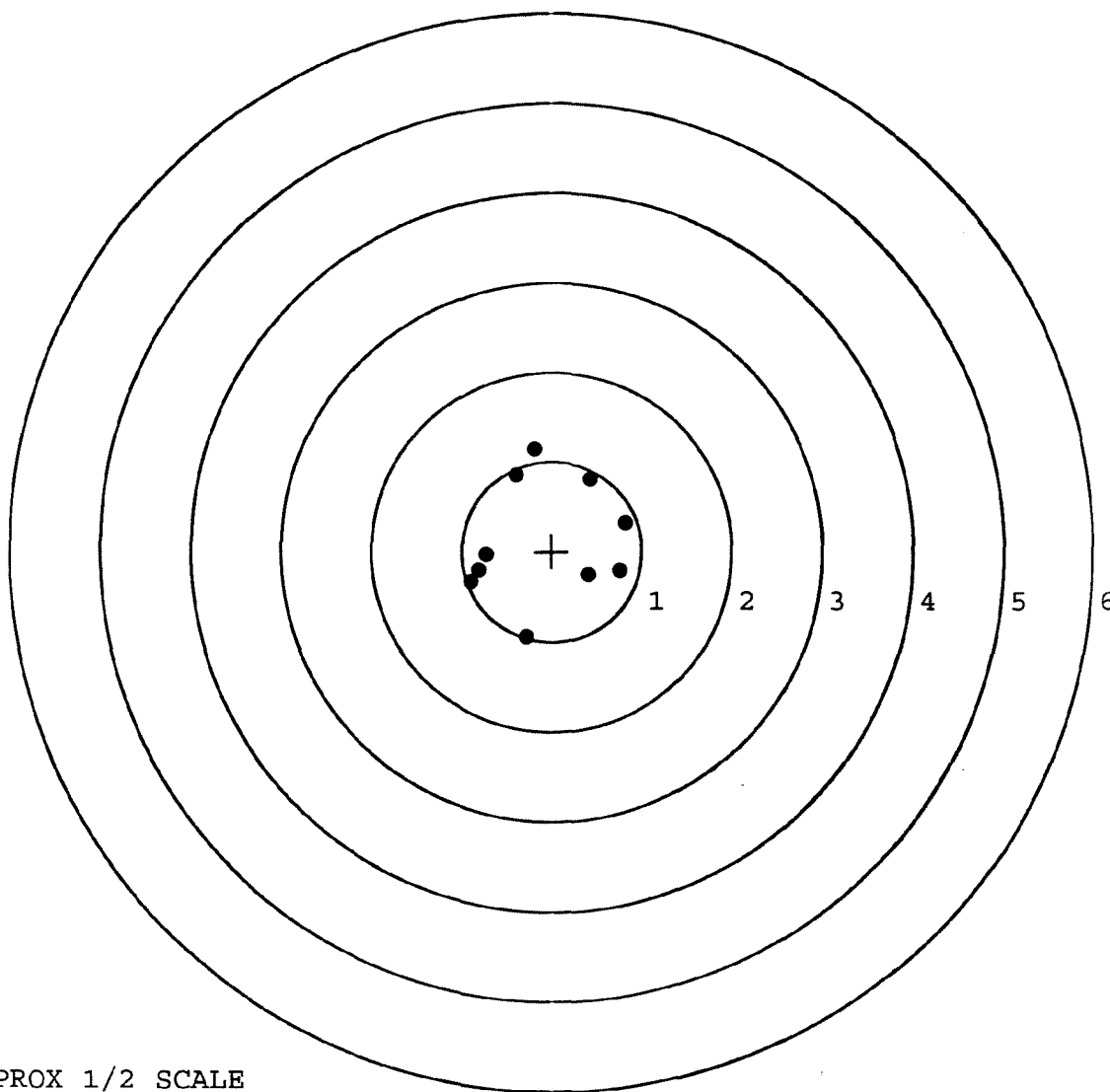


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6731463. \_\_ 0  
TARGET NUMBER: 3  
FILE DATE: 03/18/2008  
FILE TIME: 08:13

X CENTROID: -0.089  
Y CENTROID: 0.109  
POA TO CENTROID: 0.141  
HORZ SPREAD: 1.712  
VERT SPREAD: 2.089  
GROUP SPREAD: 2.091  
MIN RADIUS: 0.623  
MAX RADIUS: 1.080  
MEAN RADIUS: 0.860  
# IN 1 IN DIAMETER: 0  
# IN 2 IN DIAMETER: 8  
# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.189 | 1.138  |
| 2:     | -0.395 | 0.851  |
| 3:     | 0.429  | 0.803  |
| 4:     | 0.817  | 0.314  |
| 5:     | 0.757  | -0.218 |
| 6:     | 0.412  | -0.261 |
| 7:     | -0.291 | -0.951 |
| 8:     | -0.895 | -0.335 |
| 9:     | -0.807 | -0.212 |
| 10:    | -0.726 | -0.034 |

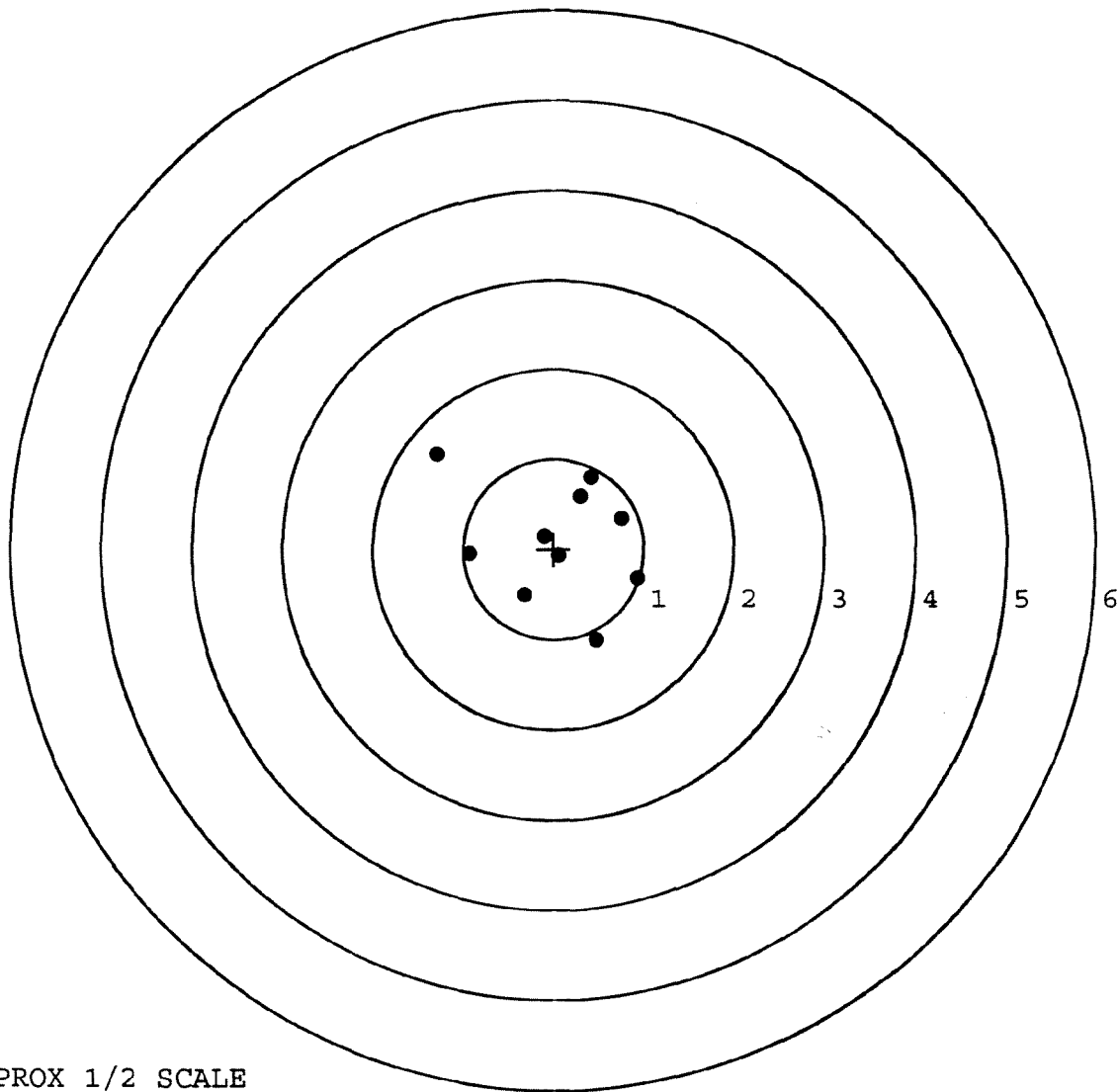


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6731463. \_\_0  
TARGET NUMBER: 4  
FILE DATE: 03/18/2008  
FILE TIME: 08:13

X CENTROID: 0.028  
Y CENTROID: 0.093  
POA TO CENTROID: 0.097  
HORZ SPREAD: 2.211  
VERT SPREAD: 2.056  
GROUP SPREAD: 2.704  
MIN RADIUS: 0.141  
MAX RADIUS: 1.623  
MEAN RADIUS: 0.791  
# IN 1 IN DIAMETER: 2  
# IN 2 IN DIAMETER: 8  
# in 3 IN DIAMETER: 9

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.415  | 0.797  |
| 2:     | 0.299  | 0.583  |
| 3:     | 0.752  | 0.338  |
| 4:     | 0.927  | -0.331 |
| 5:     | 0.473  | -1.008 |
| 6:     | -0.328 | -0.512 |
| 7:     | -0.928 | -0.052 |
| 8:     | 0.055  | -0.075 |
| 9:     | -0.105 | 0.140  |
| 10:    | -1.284 | 1.048  |

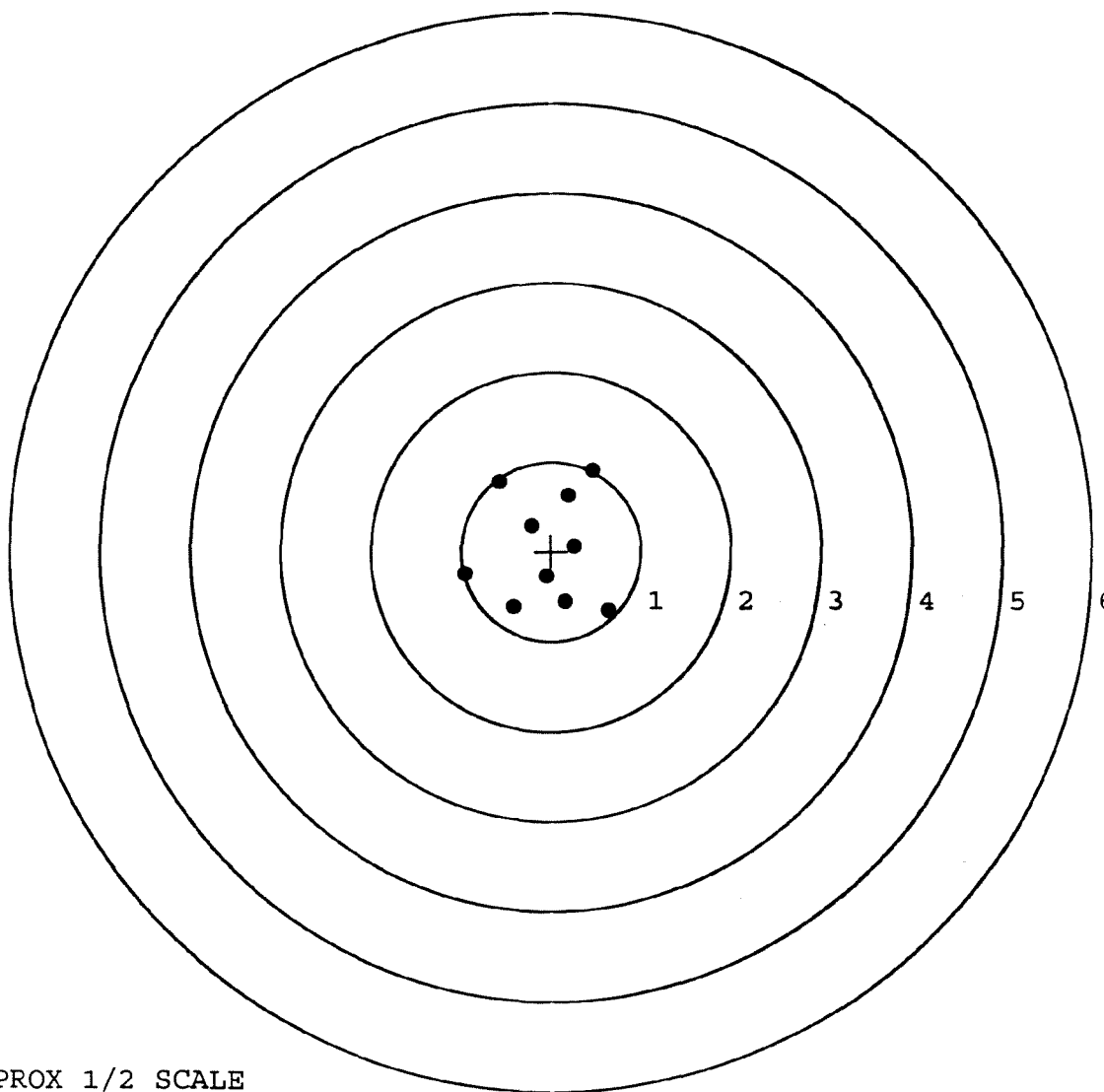


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6731463. \_\_0  
TARGET NUMBER: 5  
FILE DATE: 03/18/2008  
FILE TIME: 08:13

X CENTROID: -0.053  
Y CENTROID: 0.027  
POA TO CENTROID: 0.060  
HORZ SPREAD: 1.593  
VERT SPREAD: 1.567  
GROUP SPREAD: 1.835  
MIN RADIUS: 0.308  
MAX RADIUS: 1.020  
MEAN RADIUS: 0.681  
# IN 1 IN DIAMETER: 3  
# IN 2 IN DIAMETER: 9  
# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.465  | 0.906  |
| 2:     | 0.189  | 0.626  |
| 3:     | -0.577 | 0.776  |
| 4:     | -0.226 | 0.292  |
| 5:     | 0.254  | 0.056  |
| 6:     | -0.954 | -0.258 |
| 7:     | 0.639  | -0.661 |
| 8:     | 0.160  | -0.562 |
| 9:     | -0.424 | -0.621 |
| 10:    | -0.057 | -0.285 |



TARGET APPROX 1/2 SCALE

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66731463

**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**

**G6731463**

**UPC**

