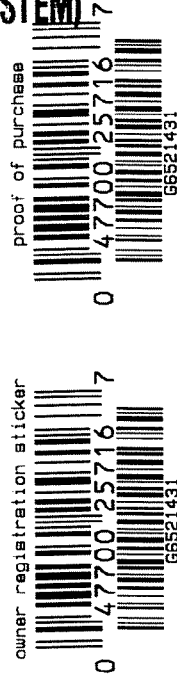


G-652 1431

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

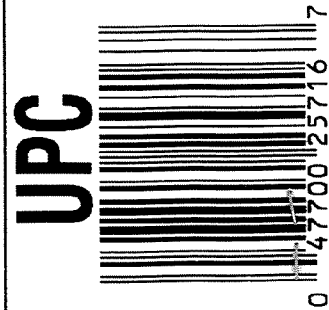
- INSTRUCTION BOOK 3518

DD FORM



|               |              |
|---------------|--------------|
| ORDER NO.     | <b>25716</b> |
| BARREL LENGTH | 24"          |
| CAPACITY      | 6            |

**G6521431**



**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 # G652 1431

| OP #      | OPERATION NAME                                                                                                                         | READINGS                      | DATE    | INITIAL |
|-----------|----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|---------|---------|
| 420 & 430 | ASSEMBLE ACTION<br>ASSEMBLE TO STOCK                                                                                                   |                               | 1-16-06 | RTZ     |
| 440       | PROOF                                                                                                                                  |                               | 1/17/06 | mgd     |
| 460       | CHECK HEADSPACE                                                                                                                        | MAGNA-FLUX<br>INSPECTED       | 1/17/06 | mgd     |
| 470       | DIS-ASSEMBLE ACTION                                                                                                                    | JAN 20 2006                   | 1/17/06 | mgd     |
| 480 & 490 | MAGNAFLUX BBL ACTION<br>MAGNAFLUX BOLT                                                                                                 | OP<br>480 OPERATOR <u>mgd</u> | 1/20/06 | APD     |
| 500       | ROLLMARK CALIBER                                                                                                                       |                               | 1-20-06 | CW      |
| 510       | DRILL AND TAP<br>SIGHT HOLES                                                                                                           |                               | 1-19-06 | MLW     |
| 520       | GOFF BLAST BBL / REC                                                                                                                   |                               | 1-20-06 | LB      |
| 530 & 540 | APPLY COATINGS<br>(BARREL ACTION)                                                                                                      |                               | 1/25    | HP      |
|           | (BOLT)                                                                                                                                 |                               |         |         |
| 560       | RE-ASSEMBLE ACTION                                                                                                                     |                               |         |         |
|           | A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                                                                                                    |                               | 1-20-06 | BC      |
|           | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD                                                                         |                               | 1-30-06 | BC      |
|           | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                                                                                                 |                               | 1-30-06 | BC      |
|           | D) OIL FIRING PIN ASSEMBLY                                                                                                             |                               | 1-30-06 | 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> |                               | 3/14/06 | mgd     |

REV-8405

| OP #         | OPERATION NAME                                                           | READINGS                                                    | DATE    | INITIAL |
|--------------|--------------------------------------------------------------------------|-------------------------------------------------------------|---------|---------|
| 560          | F) SAFETY ON FORCE <span>2 LBS MIN<br/>10 LBS MAX</span>                 | <u>4.5</u> <u>2.5</u> <u>4.5</u>                            | 2/3/06  | DA      |
| CONT.        | G) SAFETY OFF FORCE <span>2 LBS MIN</span>                               | <u>2.0</u> <u>2.0</u> <u>2.0</u>                            | 2/3/06  | DA      |
|              | H) TRIGGER PULL TEST<br>AND RETAINABILITY                                |                                                             |         |         |
|              | I) FIRING PIN INDENT <span>.020 MIN</span>                               | <u>1.021</u> <u>1.022</u> <u>1.022</u>                      | 3-14-06 | DA      |
|              | J) ASSEMBLE STOCK                                                        |                                                             | 2-1-06  | RTZ     |
|              | K) ASSEMBLE SWIVEL<br>STUDS                                              |                                                             | 3/14/06 | MPD     |
|              | L) ATTACH FRONT AND<br>REAR SIGHT ASSY'S                                 |                                                             | 2-1-06  | RTZ     |
|              | M) IRON SIGHT<br>ALIGNMENT                                               |                                                             | 2-1-06  | RTZ     |
|              | N) DETACH FRONT AND<br>REAR SIGHTS AND PLACE<br>IN NUMBERED CONTAINER    |                                                             | 2-1-06  | RTZ     |
| 640 &<br>650 | FUNCTION TEST AND<br>TARGET                                              | <span>PASS</span> FAIL <span>PASS</span> FAIL               | 2/1/06  | MPD     |
|              | MALFUNCTION                                                              | CORRECTION                                                  | N/A     |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
| 660          | INSPECT FOR LIVE AMMO                                                    |                                                             | 2-1-06  | MTM     |
| 670          | FINAL INSPECTION<br>A) HEADSPACE                                         |                                                             | 3/14/06 | MPD     |
|              | B) TRIGGER PULL <span>+/- .5 LBS<br/>MIN 2.50 LBS<br/>MAX 4.0 LBS</span> | <u>2.02</u> <u>2.33</u> <u>2.16</u> <u>2.19</u> <u>2.21</u> | 2/3/06  | DA      |
|              | C) FUNCTION                                                              |                                                             | 3/14/06 | MPD     |
| 690          | PACK                                                                     |                                                             | 3-28-06 | 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 1-24-06

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 | 2.54                | 2.31                        |                                   | 2.36  |          |
| PULL #2 | 2.46                | 2.49                        |                                   | 2.51  |          |
| PULL #3 | 2.46                | 2.56                        |                                   | 2.59  |          |
| PULL #4 | 2.54                | 2.57                        |                                   | 2.50  |          |
| PULL #5 | 2.53                | 2.49                        |                                   | 2.49  |          |
| TOTAL   | 12.53               | 12.42                       |                                   | 12.45 |          |
| AVERAGE | 2.50                | 2.48                        |                                   | 2.49  |          |

|         | 3.00 LBS<br>INITIAL | 3.00 LBS AFTER<br>20 CYCLES |  | COMMENTS |
|---------|---------------------|-----------------------------|--|----------|
| PULL #1 | 3.29                | 3.07                        |  |          |
| PULL #2 | 3.29                | 3.11                        |  |          |
| PULL #3 | 3.21                | 3.09                        |  |          |
| PULL #4 | 3.17                | 3.05                        |  |          |
| PULL #5 | 3.15                | 3.14                        |  |          |
| TOTAL   | 16.11               | 15.46                       |  |          |
| AVERAGE | 3.22                | 3.09                        |  |          |

|         | 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 | 4.04                | 4.02                        |                                   | 4.05                                    |
| PULL #2 | 4.05                | 4.07                        |                                   | 3.96                                    |
| PULL #3 | 4.03                | 3.86                        |                                   | 3.98                                    |
| PULL #4 | 4.12                | 4.04                        |                                   | 4.15                                    |
| PULL #5 | 4.09                | 3.99                        |                                   | 4.11                                    |
| TOTAL   | 20.33               | 19.98                       |                                   | 20.25                                   |
| AVERAGE | 4.06                | 3.99                        |                                   | 4.05                                    |

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6521431.\_\_0  
FILE DATE AND TIME: 02/01/2006 15:28

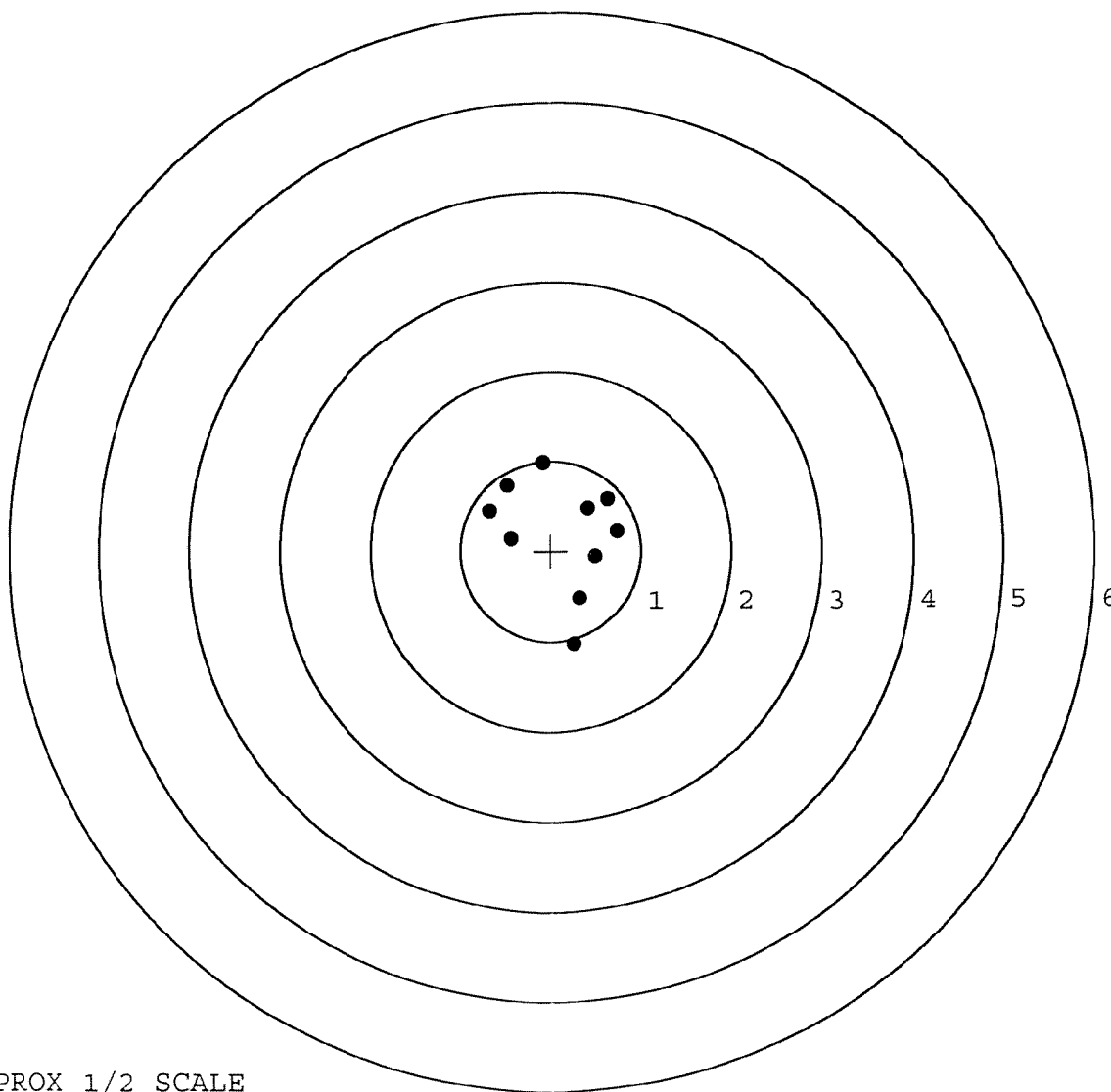
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |       |
|-------------------------------------------------------------|-------|
| The Average X Centroid of the Five Target Set:              | 0.021 |
| The Average Y Centroid of the Five Target Set:              | 0.056 |
| The Average Point of Impact of the Five Target Set:         | 0.059 |
| The Average Mean Radius of the Five Target Set:             | 0.566 |
| The Distance from POA to Centroid Target #1:                | 0.221 |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.141 |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.275 |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.298 |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.134 |

SERIAL NUMBER: G6521431. \_\_0  
TARGET NUMBER: 1  
FILE DATE: 02/01/2006  
FILE TIME: 15:28

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.258  | -1.040 |
| 2:     | 0.316  | -0.528 |
| 3:     | 0.490  | -0.069 |
| 4:     | 0.736  | 0.211  |
| 5:     | 0.409  | 0.469  |
| 6:     | 0.633  | 0.567  |
| 7:     | -0.087 | 0.981  |
| 8:     | -0.485 | 0.723  |
| 9:     | -0.677 | 0.444  |
| 10:    | -0.446 | 0.136  |

X CENTROID: 0.115  
Y CENTROID: 0.189  
POA TO CENTROID: 0.221  
HORZ SPREAD: 1.413  
VERT SPREAD: 2.021  
GROUP SPREAD: 2.050  
MIN RADIUS: 0.406  
MAX RADIUS: 1.238  
MEAN RADIUS: 0.712  
# IN 1 IN DIAMETER: 2  
# IN 2 IN DIAMETER: 9  
# in 3 IN DIAMETER: 10

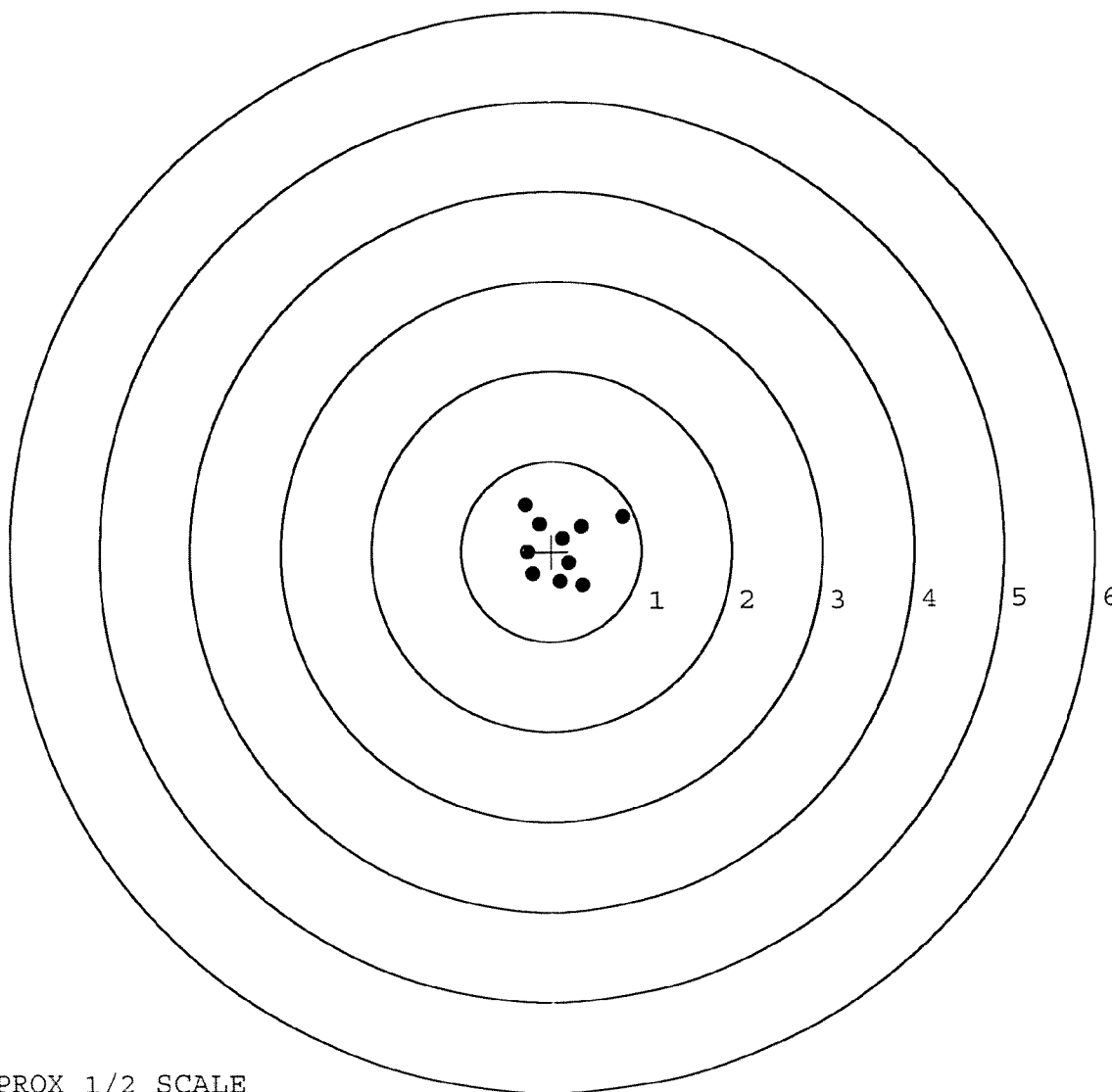


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6521431. \_\_0  
TARGET NUMBER: 2  
FILE DATE: 02/01/2006  
FILE TIME: 15:28

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.792  | 0.373  |
| 2:     | -0.291 | 0.515  |
| 3:     | -0.139 | 0.303  |
| 4:     | 0.332  | 0.268  |
| 5:     | 0.124  | 0.144  |
| 6:     | 0.341  | -0.382 |
| 7:     | 0.192  | -0.130 |
| 8:     | 0.095  | -0.334 |
| 9:     | -0.207 | -0.249 |
| 10:    | -0.267 | -0.011 |

X CENTROID: 0.097  
Y CENTROID: 0.050  
POA TO CENTROID: 0.109  
HORZ SPREAD: 1.083  
VERT SPREAD: 0.897  
GROUP SPREAD: 1.177  
MIN RADIUS: 0.098  
MAX RADIUS: 0.766  
MEAN RADIUS: 0.402  
# IN 1 IN DIAMETER: 8  
# IN 2 IN DIAMETER: 10  
# in 3 IN DIAMETER: 10

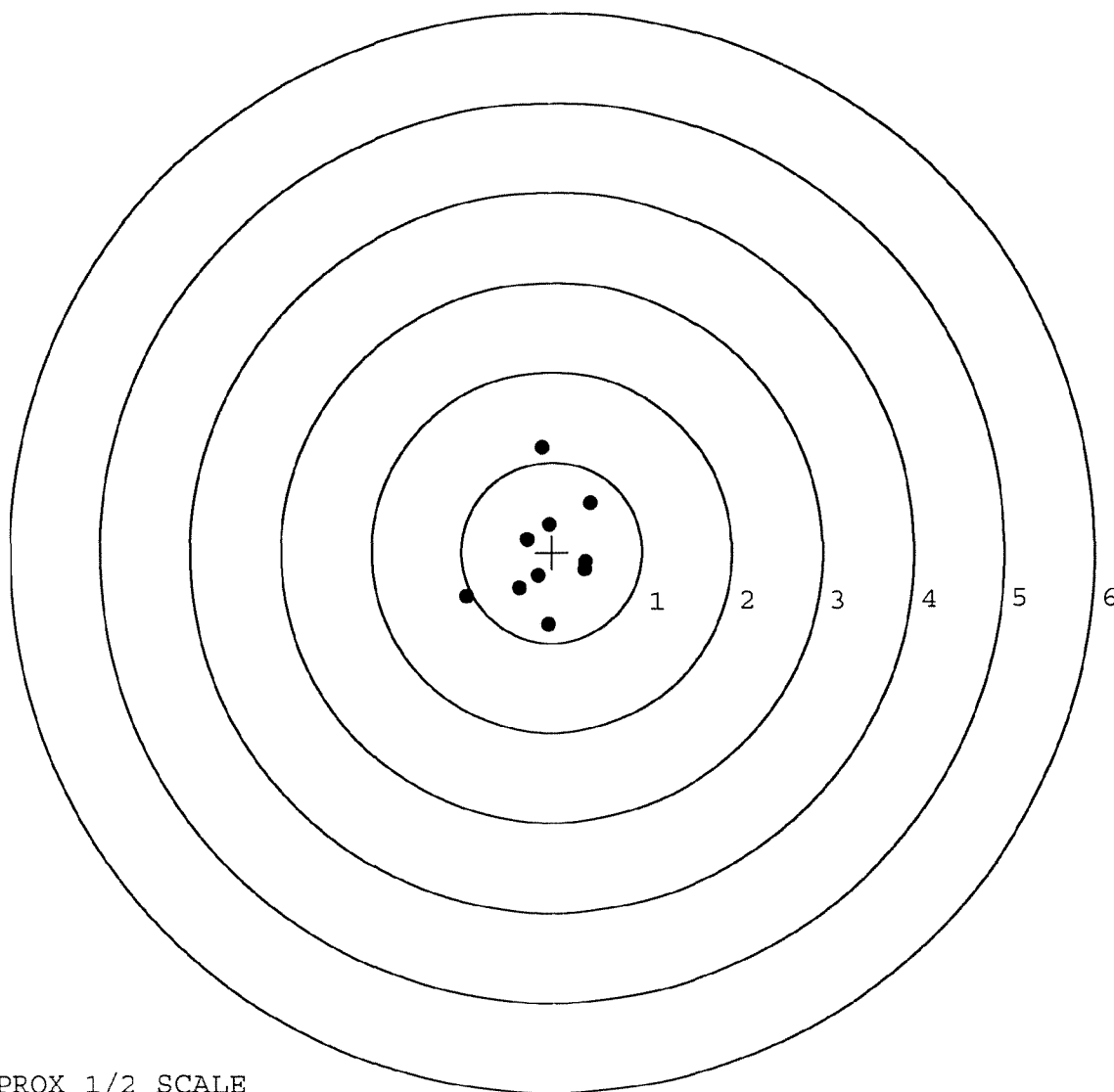


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6521431. \_\_0  
 TARGET NUMBER: 3  
 FILE DATE: 02/01/2006  
 FILE TIME: 15:28

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.041 | -0.805 |
| 2:     | 0.369  | -0.115 |
| 3:     | 0.437  | 0.539  |
| 4:     | -0.361 | -0.400 |
| 5:     | -0.155 | -0.266 |
| 6:     | -0.021 | 0.311  |
| 7:     | -0.269 | 0.143  |
| 8:     | -0.941 | -0.494 |
| 9:     | -0.105 | 1.163  |
| 10:    | 0.366  | -0.205 |

X CENTROID: -0.072  
 Y CENTROID: -0.013  
 POA TO CENTROID: 0.073  
 HORZ SPREAD: 1.378  
 VERT SPREAD: 1.968  
 GROUP SPREAD: 1.969  
 MIN RADIUS: 0.251  
 MAX RADIUS: 1.176  
 MEAN RADIUS: 0.597  
 # IN 1 IN DIAMETER: 6  
 # IN 2 IN DIAMETER: 9  
 # in 3 IN DIAMETER: 10

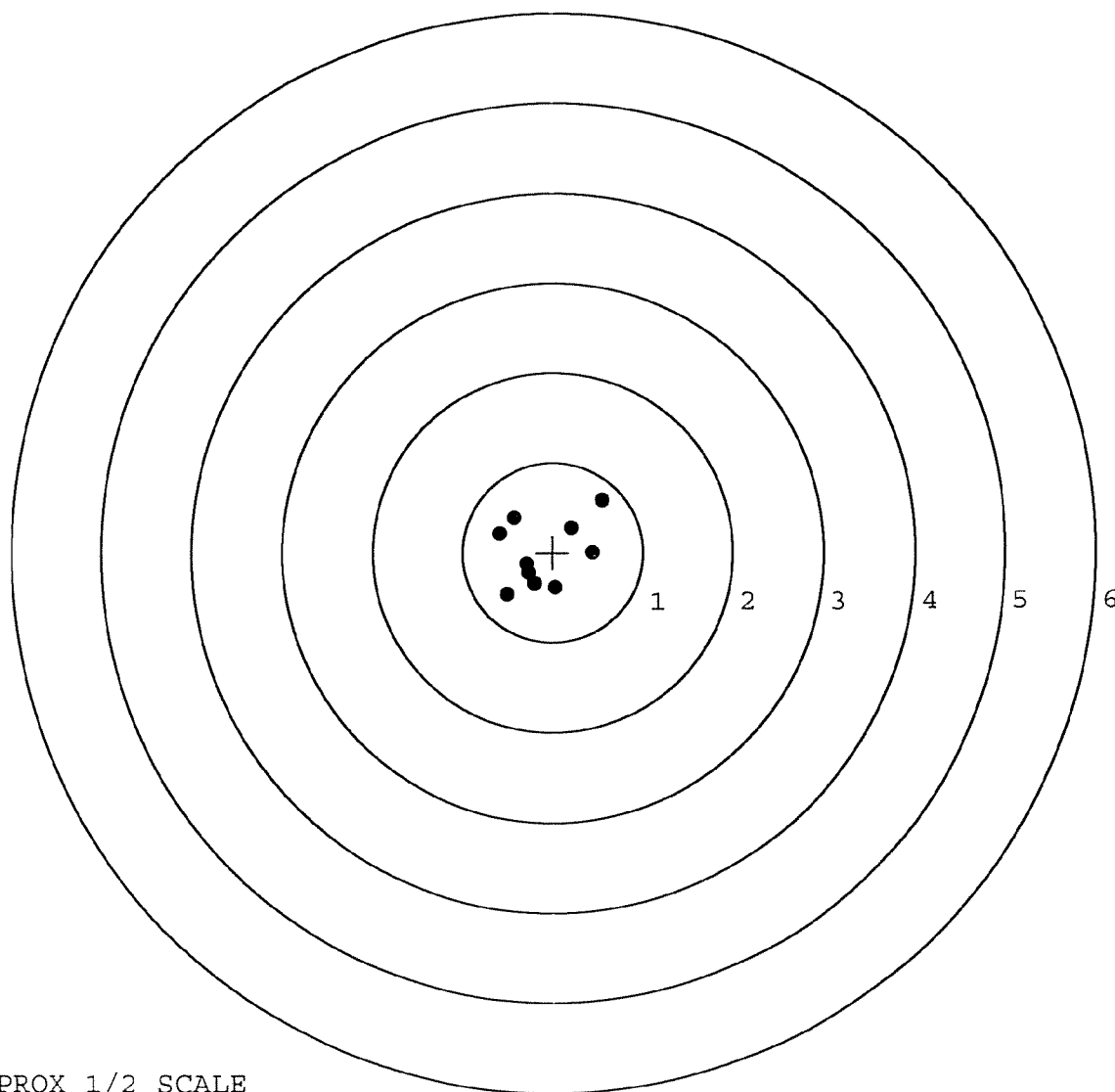


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6521431. \_\_0  
TARGET NUMBER: 4  
FILE DATE: 02/01/2006  
FILE TIME: 15:28

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.445  | -0.003 |
| 2:     | 0.207  | 0.274  |
| 3:     | 0.551  | 0.584  |
| 4:     | -0.431 | 0.390  |
| 5:     | -0.591 | 0.214  |
| 6:     | -0.289 | -0.128 |
| 7:     | -0.512 | -0.471 |
| 8:     | 0.033  | -0.394 |
| 9:     | -0.202 | -0.347 |
| 10:    | -0.272 | -0.229 |

X CENTROID: -0.106  
Y CENTROID: -0.011  
POA TO CENTROID: 0.107  
HORZ SPREAD: 1.142  
VERT SPREAD: 1.055  
GROUP SPREAD: 1.498  
MIN RADIUS: 0.217  
MAX RADIUS: 0.886  
MEAN RADIUS: 0.477  
# IN 1 IN DIAMETER: 5  
# IN 2 IN DIAMETER: 10  
# in 3 IN DIAMETER: 10

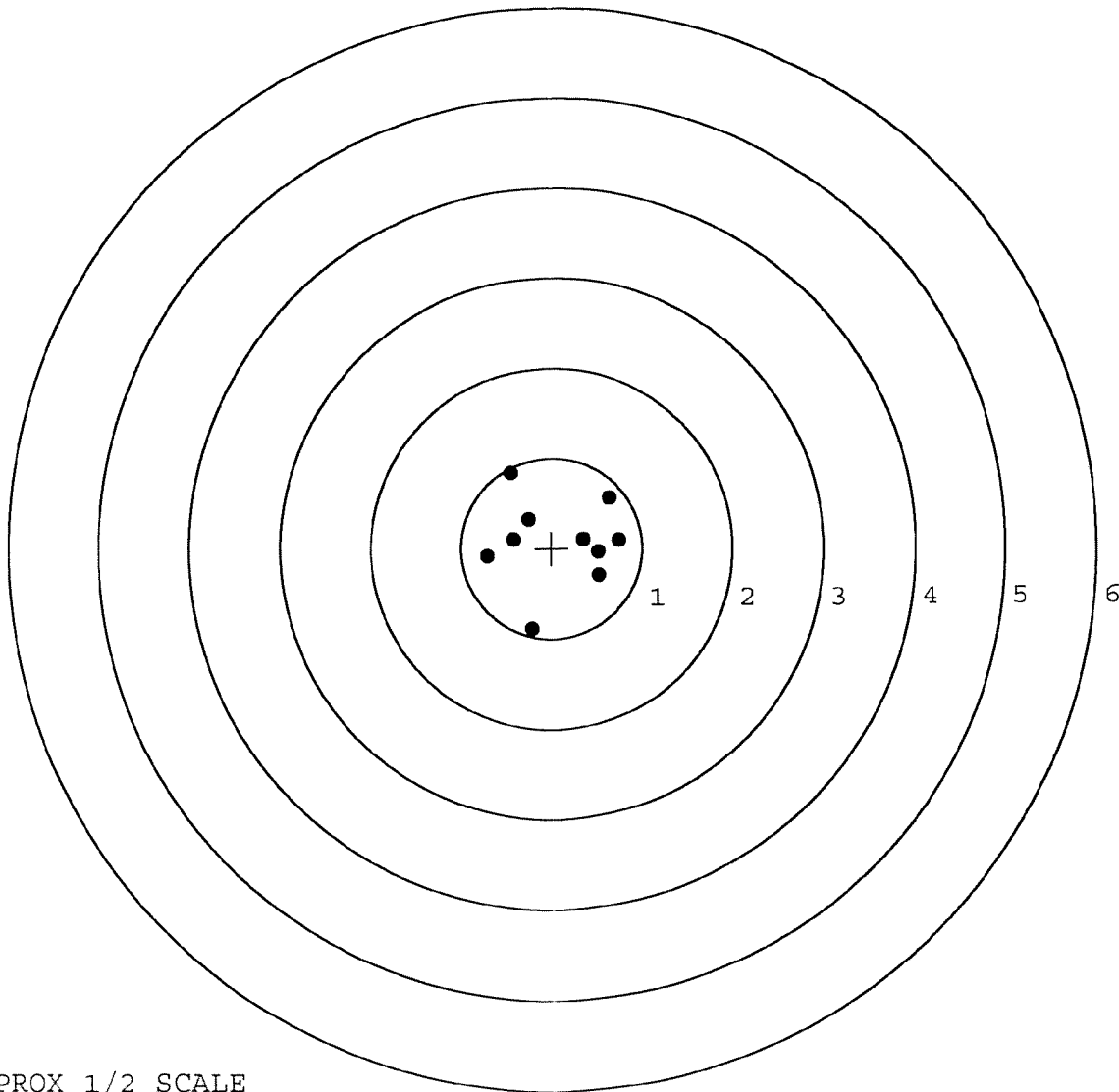


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6521431. \_\_0  
TARGET NUMBER: 5  
FILE DATE: 02/01/2006  
FILE TIME: 15:28

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.523  | -0.313 |
| 2:     | 0.740  | 0.084  |
| 3:     | 0.349  | 0.095  |
| 4:     | 0.514  | -0.049 |
| 5:     | 0.634  | 0.552  |
| 6:     | -0.451 | 0.838  |
| 7:     | -0.259 | 0.326  |
| 8:     | -0.424 | 0.095  |
| 9:     | -0.713 | -0.095 |
| 10:    | -0.224 | -0.899 |

X CENTROID: 0.069  
Y CENTROID: 0.063  
POA TO CENTROID: 0.094  
HORZ SPREAD: 1.453  
VERT SPREAD: 1.737  
GROUP SPREAD: 1.752  
MIN RADIUS: 0.282  
MAX RADIUS: 1.006  
MEAN RADIUS: 0.640  
# IN 1 IN DIAMETER: 4  
# IN 2 IN DIAMETER: 9  
# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE