

G 6534974

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

**UPC**



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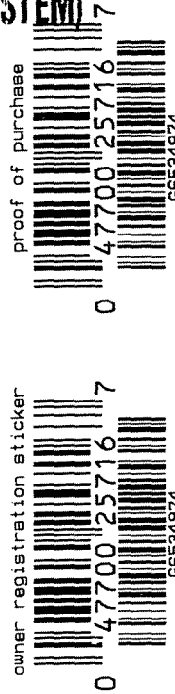
SERIAL NO.



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

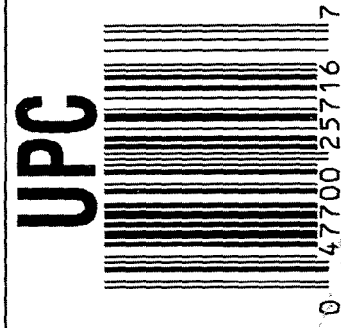
- INSTRUCTION BOOK 3518

DD FORM



|               |       |
|---------------|-------|
| ORDER NO.     | 25716 |
| BARREL LENGTH | 24"   |
| CAPACITY      | 6     |

G6534974



**M-24**  
**INSPECTION CHECKLIST-NEW GUNS**

GUN SERIAL # G6534974

| OP #         | OPERATION NAME                                                                                                                         | READINGS                | DATE    | INITIAL |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------|-------------------------|---------|---------|
| 420 &<br>430 | ASSEMBLE ACTION<br>ASSEMBLE TO STOCK                                                                                                   |                         | 11/3/05 | CD      |
| 440          | PROOF                                                                                                                                  |                         | 11/3/05 | CD      |
| 460          | CHECK HEADSPACE                                                                                                                        | MAGNA-FLUX<br>INSPECTED | 11/3/05 | CD      |
| 470          | DIS-ASSEMBLE ACTION                                                                                                                    | JAN 12 2006             | 11/3/05 | CD      |
| 480 &<br>490 | MAGNAFLUX BBL ACTION<br>MAGNAFLUX BOLT                                                                                                 | 480 490 FOR C/PD        | 1/9/06  | C/PD    |
| 500          | ROLLMARK CALIBER                                                                                                                       |                         | 1/9/06  | CW      |
| 510          | DRILL AND TAP<br>SIGHT HOLES                                                                                                           |                         | 1-6-06  | TRW     |
| 520          | GOFF BLAST BBL / REC                                                                                                                   |                         | 1-9-06  | LB      |
| 530 &<br>540 | APPLY COATINGS<br>(BARREL ACTION)                                                                                                      |                         | 1/11    | HP      |
|              | (BOLT)                                                                                                                                 |                         |         |         |
| 560          | RE-ASSEMBLE ACTION                                                                                                                     |                         |         |         |
|              | A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                                                                                                    |                         | 1-18-06 | RTZ     |
|              | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD                                                                         |                         | 1-18-06 | RTZ     |
|              | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                                                                                                 |                         | 1-18-06 | RTZ     |
|              | D) OIL FIRING PIN ASSEMBLY                                                                                                             |                         | 1-18-06 | 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> |                         | 2/16/06 | MGJ     |
| REV-8405     |                                                                                                                                        |                         |         |         |

| OP #         | OPERATION NAME                                                           | READINGS                                                    | DATE     | INITIAL |
|--------------|--------------------------------------------------------------------------|-------------------------------------------------------------|----------|---------|
| 560          | F) SAFETY ON FORCE <span>2 LBS MIN<br/>10 LBS MAX</span>                 | <u>5.2</u> <u>5.2</u> <u>4.5</u>                            | 1-28-06  | RTA     |
| CONT.        | G) SAFETY OFF FORCE <span>2 LBS MIN</span>                               | <u>2.2</u> <u>2.2</u> <u>2.2</u>                            | 1-28-06  | RTA     |
|              | H) TRIGGER PULL TEST<br>AND RETAINABILITY                                |                                                             | 2/16/06  | MDJ     |
|              | I) FIRING PIN INDENT <span>.020 MIN</span>                               | <u>.022</u> <u>.021</u> <u>.021</u>                         | 7-19-06  | OH      |
|              | J) ASSEMBLE STOCK                                                        |                                                             | 1-18-06  | RTL     |
|              | K) ASSEMBLE SWIVEL<br>STUDS                                              |                                                             | 8-10-06  | A       |
|              | L) ATTACH FRONT AND<br>REAR SIGHT ASSY'S                                 |                                                             | 1-18-06  | A       |
|              | M) IRON SIGHT<br>ALIGNMENT                                               |                                                             | 1-18-06  | A       |
|              | N) DETACH FRONT AND<br>REAR SIGHTS AND PLACE<br>IN NUMBERED CONTAINER    |                                                             | 1-18-06  | A       |
| 640 &<br>650 | FUNCTION TEST AND<br>TARGET                                              | <u>PASS</u> FAIL<br><u>PASS</u> FAIL                        | 1/20/06  | MDJ     |
|              | MALFUNCTION <i>OH after firing</i>                                       | CORRECTION <i>OK</i>                                        | 1-24-06  | TRW     |
|              | MALFUNCTION                                                              | CORRECTION                                                  |          |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |          |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |          |         |
| 660          | INSPECT FOR LIVE AMMO                                                    |                                                             | 1-19-06  | MDJ     |
| 670          | FINAL INSPECTION<br>A) HEADSPACE                                         |                                                             | 2/16/06  | MDJ     |
|              | B) TRIGGER PULL <span>+/- .5 LBS<br/>MIN 2.50 LBS<br/>MAX 4.0 LBS</span> | <u>2.40</u> <u>2.26</u> <u>2.35</u> <u>2.35</u> <u>2.51</u> | 1-25-06  | TRW     |
|              | C) FUNCTION                                                              |                                                             | 8-10-06  | A       |
| 690          | PACK                                                                     |                                                             | 10-30-06 | RTA     |

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 1-17-06  
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 | 2.51                | 2.50                        |                                   | 2.47  |          |
| PULL #2 | 2.54                | 2.42                        |                                   | 2.45  |          |
| PULL #3 | 2.48                | 2.43                        |                                   | 2.43  |          |
| PULL #4 | 2.44                | 2.50                        |                                   | 2.53  |          |
| PULL #5 | 2.62                | 2.43                        |                                   | 2.45  |          |
| TOTAL   | 12.59               | 12.28                       |                                   | 12.33 |          |
| AVERAGE | 2.51                | 2.45                        |                                   | 2.46  |          |

|         | 3.00 LBS<br>INITIAL | 3.00 LBS AFTER<br>20 CYCLES |  | COMMENTS |
|---------|---------------------|-----------------------------|--|----------|
| PULL #1 | 3.09                | 3.06                        |  |          |
| PULL #2 | 3.06                | 2.92                        |  |          |
| PULL #3 | 3.05                | 2.84                        |  |          |
| PULL #4 | 3.00                | 2.88                        |  |          |
| PULL #5 | 3.17                | 2.86                        |  |          |
| TOTAL   | 15.37               | 14.56                       |  |          |
| AVERAGE | 3.07                | 2.91                        |  |          |

|         | 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 | 4.08                | 4.14                        |                                   | 4.23                                    |
| PULL #2 | 4.11                | 4.12                        |                                   | 4.03                                    |
| PULL #3 | 3.95                | 4.08                        |                                   | 4.15                                    |
| PULL #4 | 4.08                | 3.96                        |                                   | 4.28                                    |
| PULL #5 | 4.16                | 3.95                        |                                   | 4.16                                    |
| TOTAL   | 20.38               | 20.25                       |                                   | 20.85                                   |
| AVERAGE | 4.07                | 4.05                        |                                   | 4.17                                    |

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6534974.\_\_\_0  
FILE DATE AND TIME: 01/19/2006 22:45

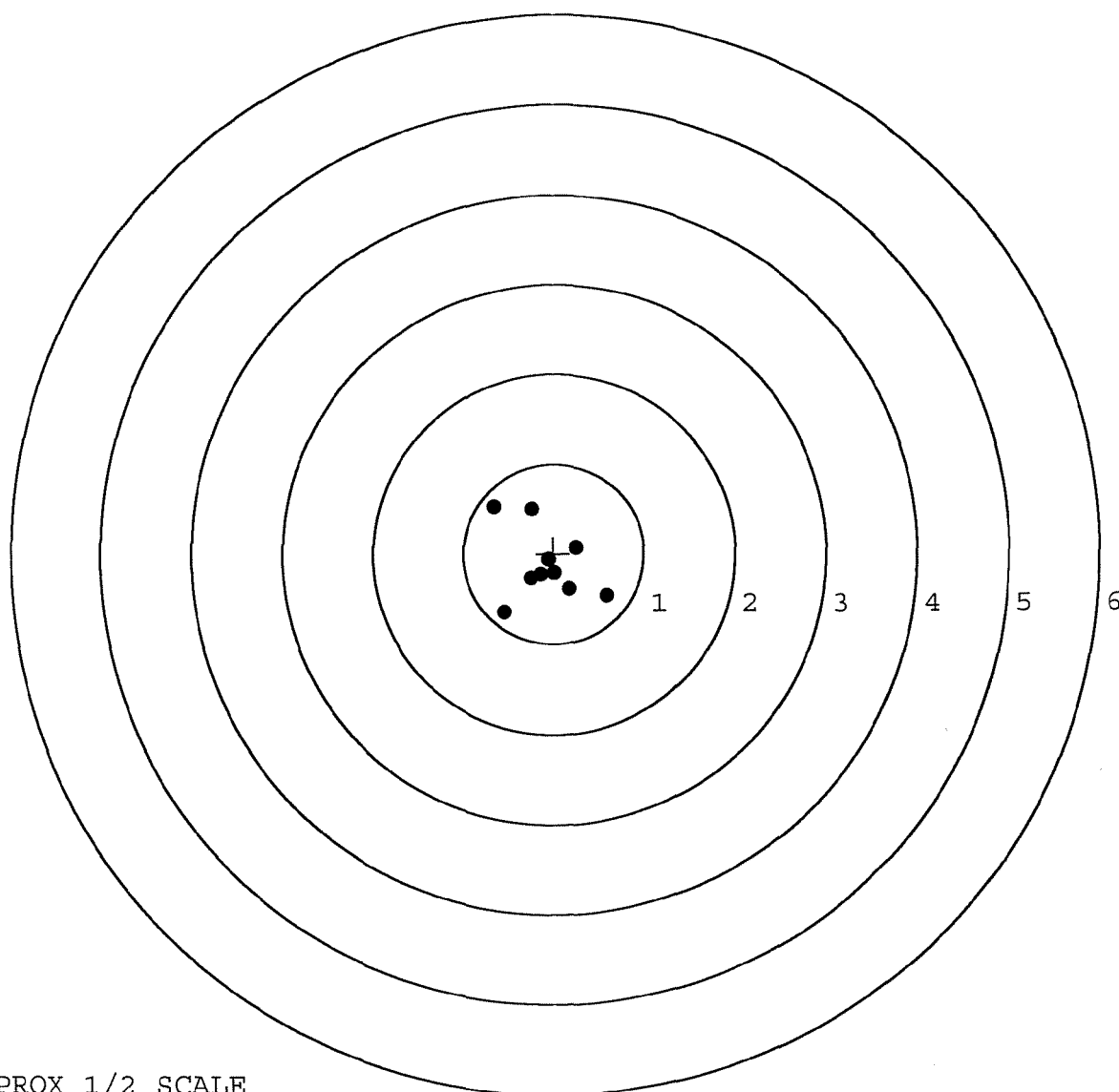
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |       |
|-------------------------------------------------------------|-------|
| The Average X Centroid of the Five Target Set:              | 0.041 |
| The Average Y Centroid of the Five Target Set:              | 0.049 |
| The Average Point of Impact of the Five Target Set:         | 0.064 |
| The Average Mean Radius of the Five Target Set:             | 0.623 |
| The Distance from POA to Centroid Target #1:                | 0.149 |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.345 |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.131 |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.153 |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.530 |

SERIAL NUMBER: G6534974. \_\_0  
TARGET NUMBER: 1  
FILE DATE: 01/19/2006  
FILE TIME: 22:45

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.244 | 0.496  |
| 2:     | -0.661 | 0.531  |
| 3:     | -0.548 | -0.651 |
| 4:     | 0.589  | -0.468 |
| 5:     | 0.257  | 0.073  |
| 6:     | 0.176  | -0.397 |
| 7:     | -0.054 | -0.067 |
| 8:     | -0.250 | -0.277 |
| 9:     | 0.007  | -0.216 |
| 10:    | -0.143 | -0.235 |

X CENTROID: -0.087  
Y CENTROID: -0.121  
POA TO CENTROID: 0.149  
HORZ SPREAD: 1.250  
VERT SPREAD: 1.182  
GROUP SPREAD: 1.600  
MIN RADIUS: 0.063  
MAX RADIUS: 0.869  
MEAN RADIUS: 0.429  
# IN 1 IN DIAMETER: 6  
# IN 2 IN DIAMETER: 10  
# in 3 IN DIAMETER: 10

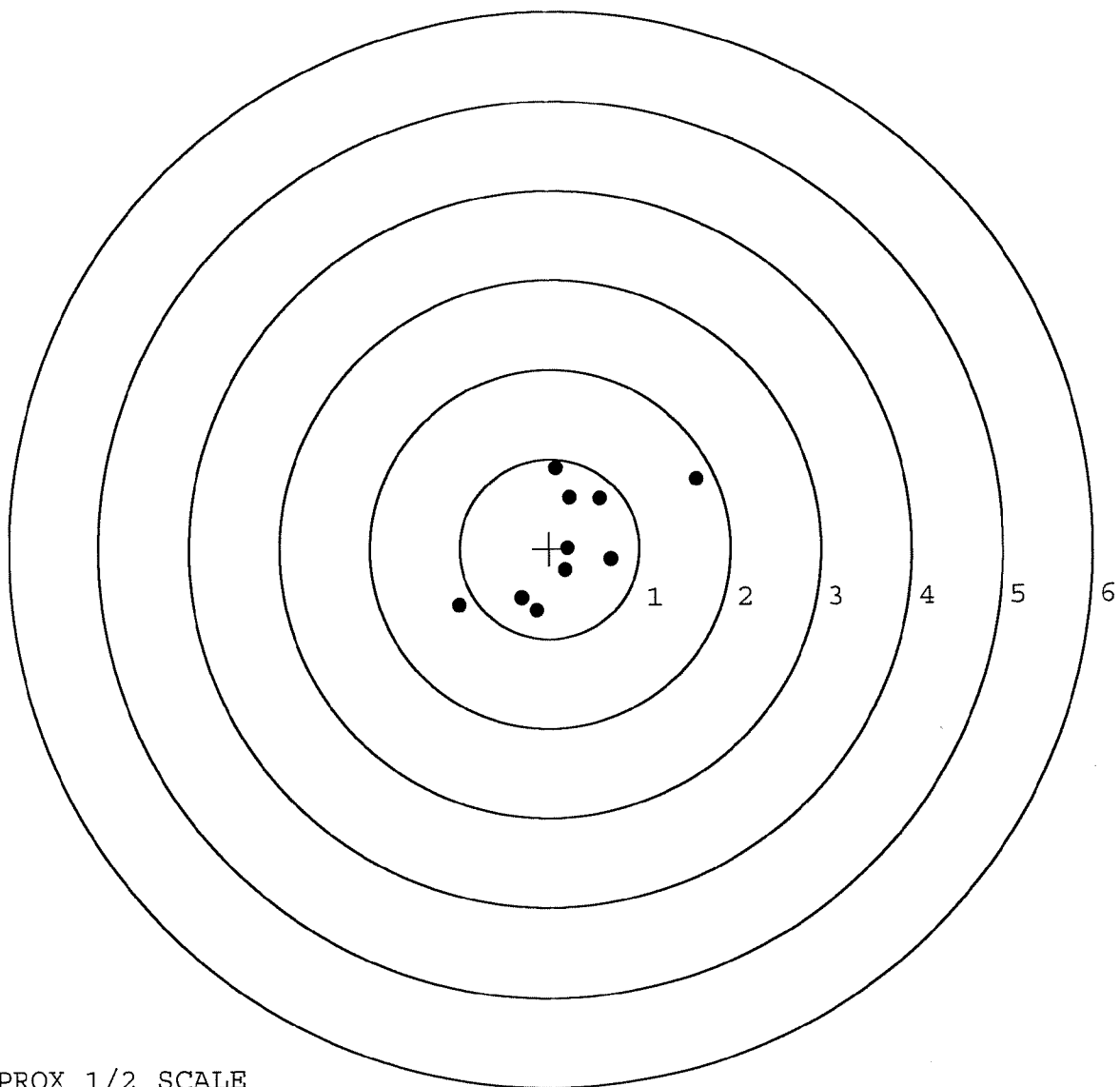


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6534974. \_\_0  
TARGET NUMBER: 2  
FILE DATE: 01/19/2006  
FILE TIME: 22:45

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.075  | 0.901  |
| 2:     | 0.228  | 0.571  |
| 3:     | 0.561  | 0.558  |
| 4:     | 0.682  | -0.128 |
| 5:     | 0.202  | 0.005  |
| 6:     | 0.177  | -0.241 |
| 7:     | -0.150 | -0.690 |
| 8:     | -0.317 | -0.548 |
| 9:     | -1.009 | -0.622 |
| 10:    | 1.627  | 0.773  |

X CENTROID: 0.208  
Y CENTROID: 0.058  
POA TO CENTROID: 0.216  
HORZ SPREAD: 2.636  
VERT SPREAD: 1.591  
GROUP SPREAD: 2.982  
MIN RADIUS: 0.053  
MAX RADIUS: 1.589  
MEAN RADIUS: 0.746  
# IN 1 IN DIAMETER: 2  
# IN 2 IN DIAMETER: 8  
# in 3 IN DIAMETER: 9

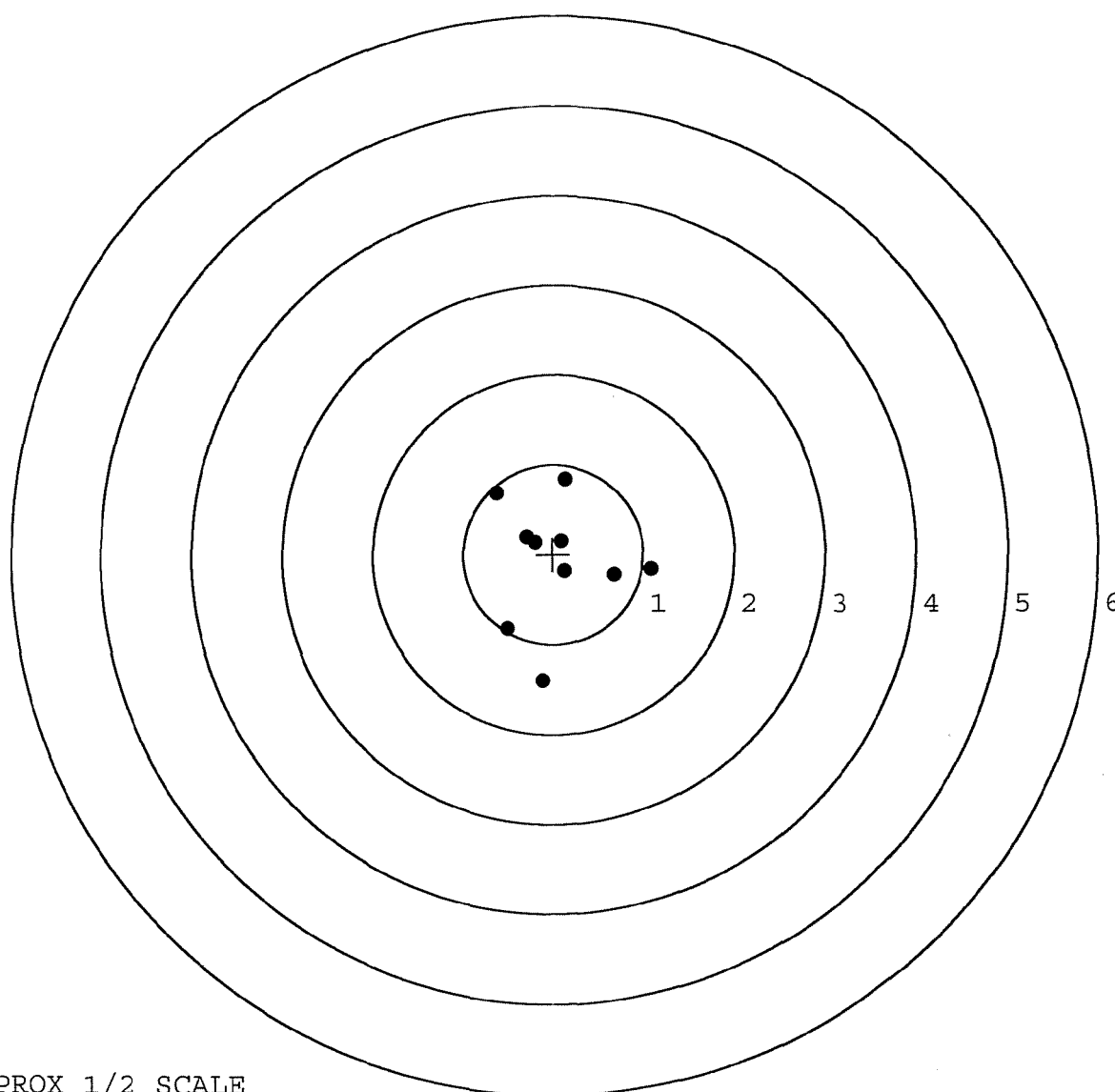


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6534974. \_\_0  
TARGET NUMBER: 3  
FILE DATE: 01/19/2006  
FILE TIME: 22:45

X CENTROID: 0.038  
Y CENTROID: -0.083  
POA TO CENTROID: 0.091  
HORZ SPREAD: 1.719  
VERT SPREAD: 2.253  
GROUP SPREAD: 2.267  
MIN RADIUS: 0.145  
MAX RADIUS: 1.339  
MEAN RADIUS: 0.708  
# IN 1 IN DIAMETER: 4  
# IN 2 IN DIAMETER: 7  
# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.138  | 0.840  |
| 2:     | -0.631 | 0.692  |
| 3:     | -0.295 | 0.195  |
| 4:     | 0.098  | 0.150  |
| 5:     | 0.133  | -0.192 |
| 6:     | 0.681  | -0.232 |
| 7:     | 1.088  | -0.172 |
| 8:     | -0.511 | -0.831 |
| 9:     | -0.115 | -1.413 |
| 10:    | -0.206 | 0.135  |

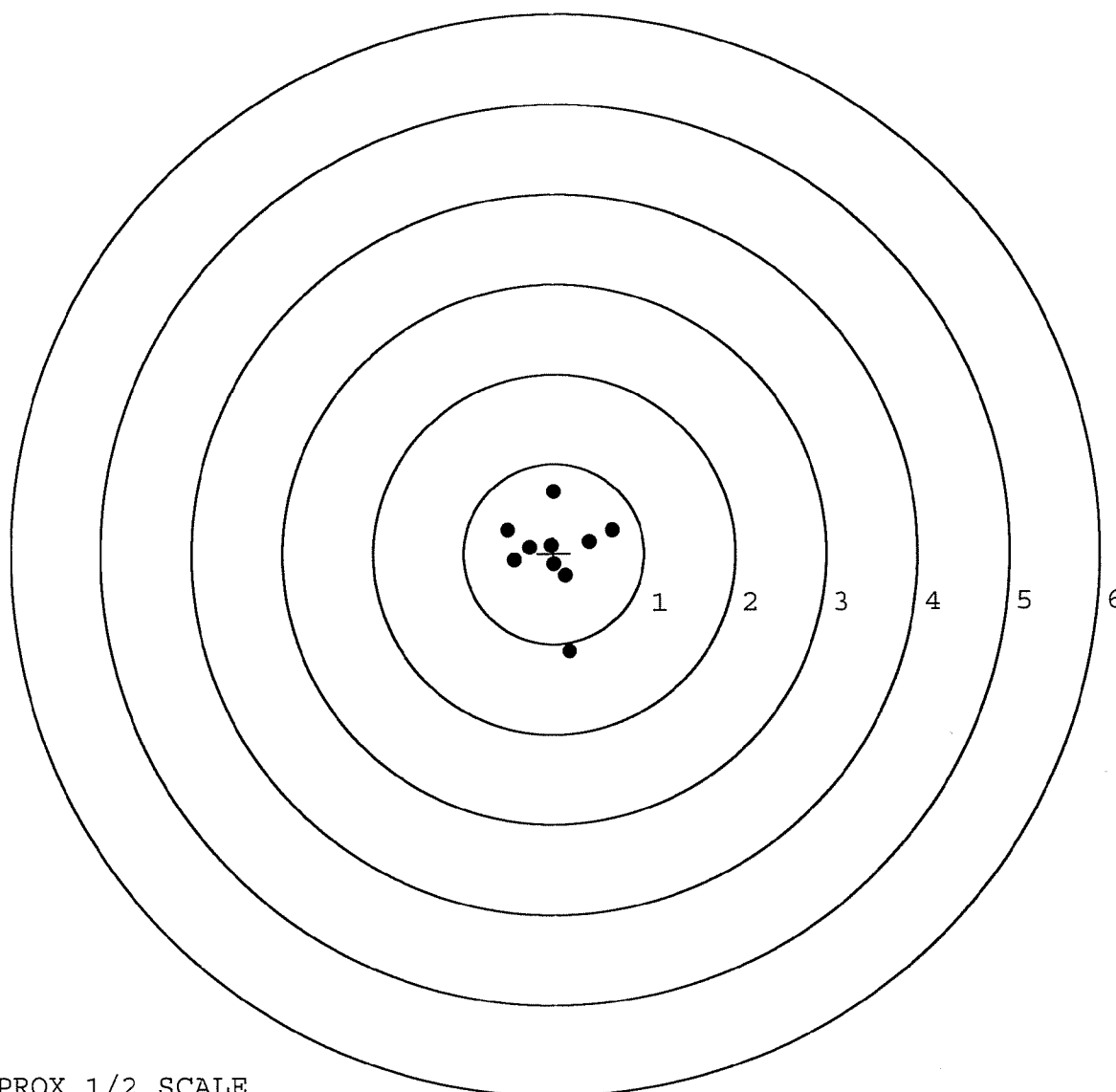


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6534974. \_\_0  
TARGET NUMBER: 4  
FILE DATE: 01/19/2006  
FILE TIME: 22:45

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.001  | 0.693  |
| 2:     | 0.175  | -1.091 |
| 3:     | -0.507 | 0.261  |
| 4:     | -0.439 | -0.079 |
| 5:     | -0.272 | 0.071  |
| 6:     | -0.027 | 0.090  |
| 7:     | 0.000  | -0.121 |
| 8:     | 0.133  | -0.247 |
| 9:     | 0.399  | 0.131  |
| 10:    | 0.650  | 0.254  |

X CENTROID: 0.011  
Y CENTROID: -0.004  
POA TO CENTROID: 0.012  
HORZ SPREAD: 1.157  
VERT SPREAD: 1.784  
GROUP SPREAD: 1.792  
MIN RADIUS: 0.101  
MAX RADIUS: 1.099  
MEAN RADIUS: 0.472  
# IN 1 IN DIAMETER: 6  
# IN 2 IN DIAMETER: 9  
# in 3 IN DIAMETER: 10

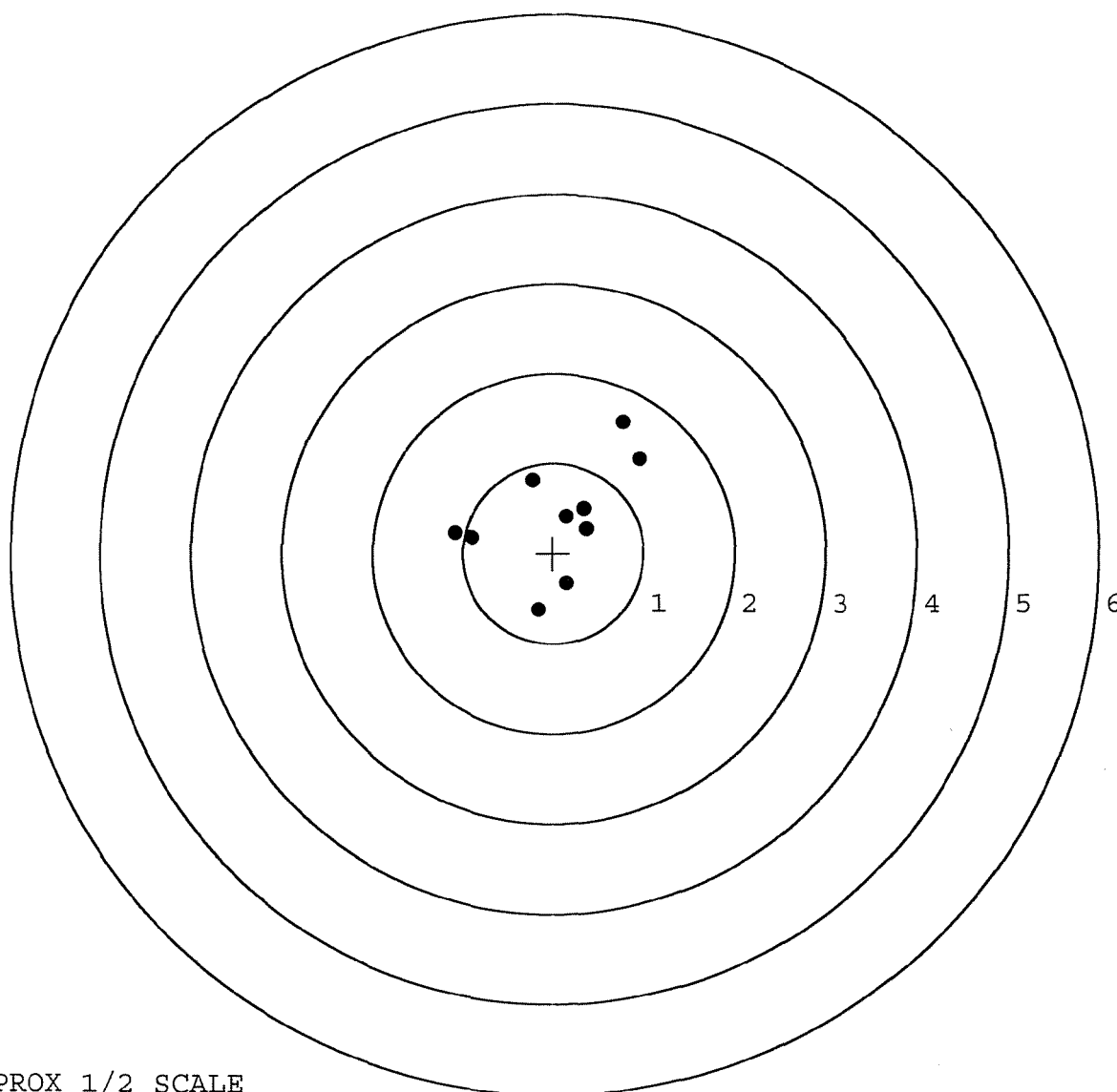


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6534974. \_\_0  
TARGET NUMBER: 5  
FILE DATE: 01/19/2006  
FILE TIME: 22:45

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.227 | 0.809  |
| 2:     | -0.904 | 0.181  |
| 3:     | -1.089 | 0.233  |
| 4:     | -0.166 | -0.629 |
| 5:     | 0.149  | -0.338 |
| 6:     | 0.373  | 0.280  |
| 7:     | 0.343  | 0.505  |
| 8:     | 0.142  | 0.408  |
| 9:     | 0.959  | 1.044  |
| 10:    | 0.768  | 1.457  |

X CENTROID: 0.035  
Y CENTROID: 0.395  
POA TO CENTROID: 0.397  
HORZ SPREAD: 2.048  
VERT SPREAD: 2.086  
GROUP SPREAD: 2.286  
MIN RADIUS: 0.108  
MAX RADIUS: 1.291  
MEAN RADIUS: 0.759  
# IN 1 IN DIAMETER: 4  
# IN 2 IN DIAMETER: 6  
# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE