

G 653 5408

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

**UPC**



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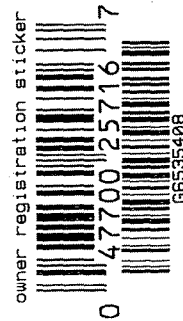
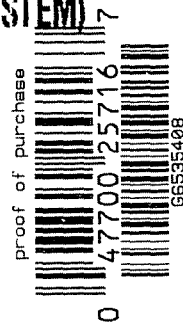
SERIAL NO.



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

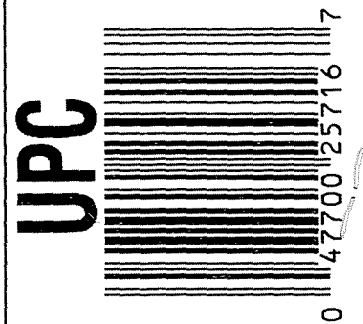
- INSTRUCTION BOOK 3518

**DD FORM**



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

**G6535408**



M-24  
INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6535408

| OP #         | OPERATION NAME                                                                                                                         | READINGS              | DATE    | INITIAL      |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------|-----------------------|---------|--------------|
| 410          | SERIALIZE BOLT HANDLE                                                                                                                  |                       | 8-23-06 | RTZ          |
| 420          | ASSEMBLE ACTION                                                                                                                        |                       | 8-23-06 | RTZ          |
| 430          | ASSEMBLE TO STOCK                                                                                                                      |                       |         |              |
| 440          | PROOF                                                                                                                                  |                       | 8-23-06 | L.P.D.       |
| 460          | CHECK HEADSPACE                                                                                                                        | INSPECTED             | 8-23-06 | L.P.D.       |
| 470          | DIS-ASSEMBLE ACTION                                                                                                                    | AUG 24 2006           | 8-23-06 | RTZ          |
| 480          | MAGNAFLUX BBL ACTION                                                                                                                   | OPERATOR <i>crumb</i> | 8/24/06 | <i>crumb</i> |
| 490          | MAGNAFLUX BOLT                                                                                                                         |                       |         |              |
| 500          | ROLLMARK CALIBER                                                                                                                       |                       | 8-24-06 | CU           |
| 510          | DRILL AND TAP<br>SIGHT HOLES                                                                                                           |                       | 8-24-06 | TRW          |
| 520          | GOFF BLAST BBL / REC                                                                                                                   |                       | 8-25-06 | LB           |
| 530 &<br>540 | APPLY COATINGS<br>(BARREL ACTION)                                                                                                      |                       |         |              |
|              | (BOLT)                                                                                                                                 |                       | 8/29/06 | FB           |
| 560          | RE-ASSEMBLE ACTION                                                                                                                     |                       |         |              |
|              | A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                                                                                                    |                       | 9-11-06 | BLG          |
|              | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD                                                                         |                       | 9-11-06 | BLG          |
|              | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                                                                                                 |                       | 9-11-06 | BLG          |
|              | D) OIL FIRING PIN ASSEMBLY                                                                                                             |                       | 9-12-06 | 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> |                       |         |              |

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| OP #         | OPERATION NAME                                                           | READINGS                                                    | DATE    | INITIAL |
|--------------|--------------------------------------------------------------------------|-------------------------------------------------------------|---------|---------|
| 560          | F) SAFETY ON FORCE <span>2 LBS MIN<br/>10 LBS MAX</span>                 | <u>7°</u> <u>7°</u> <u>8°</u>                               | 10-2-06 | SD      |
| CONT.        |                                                                          |                                                             |         |         |
|              | G) SAFETY OFF FORCE <span>2 LBS MIN</span>                               | <u>4°</u> <u>4°</u> <u>4°</u>                               | 10-2-06 | SD      |
|              | H) TRIGGER PULL TEST<br>AND RETAINABILITY                                |                                                             |         |         |
|              | I) FIRING PIN INDENT <span>.020 MIN</span>                               | <u>.025</u> <u>.026</u> <u>.025</u>                         | 10-2-06 | SD      |
|              | J) ASSEMBLE STOCK                                                        |                                                             | 9-12-06 | LTZ     |
|              | K) ASSEMBLE SWIVEL<br>STUDS                                              |                                                             | 11-8-06 | L.P.D.  |
|              | L) ATTACH FRONT AND<br>REAR SIGHT ASSY'S                                 |                                                             | 9-12-06 | LTZ     |
|              | M) IRON SIGHT<br>ALIGNMENT                                               |                                                             | 9-12-06 | LTZ     |
|              | N) DETACH FRONT AND<br>REAR SIGHTS AND PLACE<br>IN NUMBERED CONTAINER    |                                                             | 9-12-06 | LTZ     |
| 640 &<br>650 | FUNCTION TEST AND<br>TARGET                                              | <u>PASS</u> FAIL<br><u>PASS</u> FAIL                        | 9-13-06 | TRL     |
|              | MALFUNCTION <i>BAC OH</i>                                                | CORRECTION <i>OK</i>                                        | 9-18-06 | TRL     |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
|              | MALFUNCTION                                                              | CORRECTION <i>N/A</i>                                       |         |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
| 660          | INSPECT FOR LIVE AMMO                                                    |                                                             | 9-13-06 | BW      |
| 670          | FINAL INSPECTION<br>A) HEADSPACE                                         |                                                             | 11-8-06 | L.P.D.  |
|              | B) TRIGGER PULL <span>+/- .5 LBS<br/>MIN 2.50 LBS<br/>MAX 4.0 LBS</span> | <u>2.36</u> <u>2.45</u> <u>2.20</u> <u>2.33</u> <u>2.21</u> | 9-18-06 | DA      |
|              | C) FUNCTION                                                              |                                                             | 11-8-06 | L.P.D.  |
| 690          | PACK                                                                     |                                                             |         |         |

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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 9-11-06

TESTER R.P.

|         | 2.50 LBS<br>INITIAL | 2.50 LBS AFTER 50<br>CYCLES | FINAL TEST & TO RESET<br>2.50 LBS |       | COMMENTS |
|---------|---------------------|-----------------------------|-----------------------------------|-------|----------|
| PULL #1 | 2.47                | 2.67                        |                                   | 2.33  |          |
| PULL #2 | 2.60                | 2.64                        |                                   | 2.21  |          |
| PULL #3 | 2.31                | 2.70                        |                                   | 2.27  |          |
| PULL #4 | 2.43                | 2.62                        |                                   | 2.60  |          |
| PULL #5 | 2.66                | 2.65                        |                                   | 2.30  |          |
| TOTAL   | 12.47               | 13.28                       |                                   | 11.71 |          |
| AVERAGE | 2.49                | 2.65                        |                                   | 2.34  |          |

|         | 3.00 LBS<br>INITIAL | 3.00 LBS AFTER 20<br>CYCLES |  | COMMENTS |
|---------|---------------------|-----------------------------|--|----------|
| PULL #1 | 3.26                | 3.35                        |  |          |
| PULL #2 | 3.23                | 3.14                        |  |          |
| PULL #3 | 3.27                | 3.05                        |  |          |
| PULL #4 | 3.11                | 3.14                        |  |          |
| PULL #5 | 3.11                | 3.35                        |  |          |
| TOTAL   | 15.98               | 14.93                       |  |          |
| AVERAGE | 3.19                | 3.20                        |  |          |

|         | 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 | 4.23                | 4.04                        |                                   | 4.15                                    |
| PULL #2 | 4.29                | 3.92                        |                                   | 4.16                                    |
| PULL #3 | 4.15                | 3.96                        |                                   | 4.01                                    |
| PULL #4 | 4.08                | 3.88                        |                                   | 4.00                                    |
| PULL #5 | 4.05                | 4.03                        |                                   | 3.96                                    |
| TOTAL   | 20.80               | 19.83                       |                                   | 20.28                                   |
| AVERAGE | 4.16                | 3.96                        |                                   | 4.05                                    |

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6535408.\_\_\_0  
FILE DATE AND TIME: 09/14/2006 01:33

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

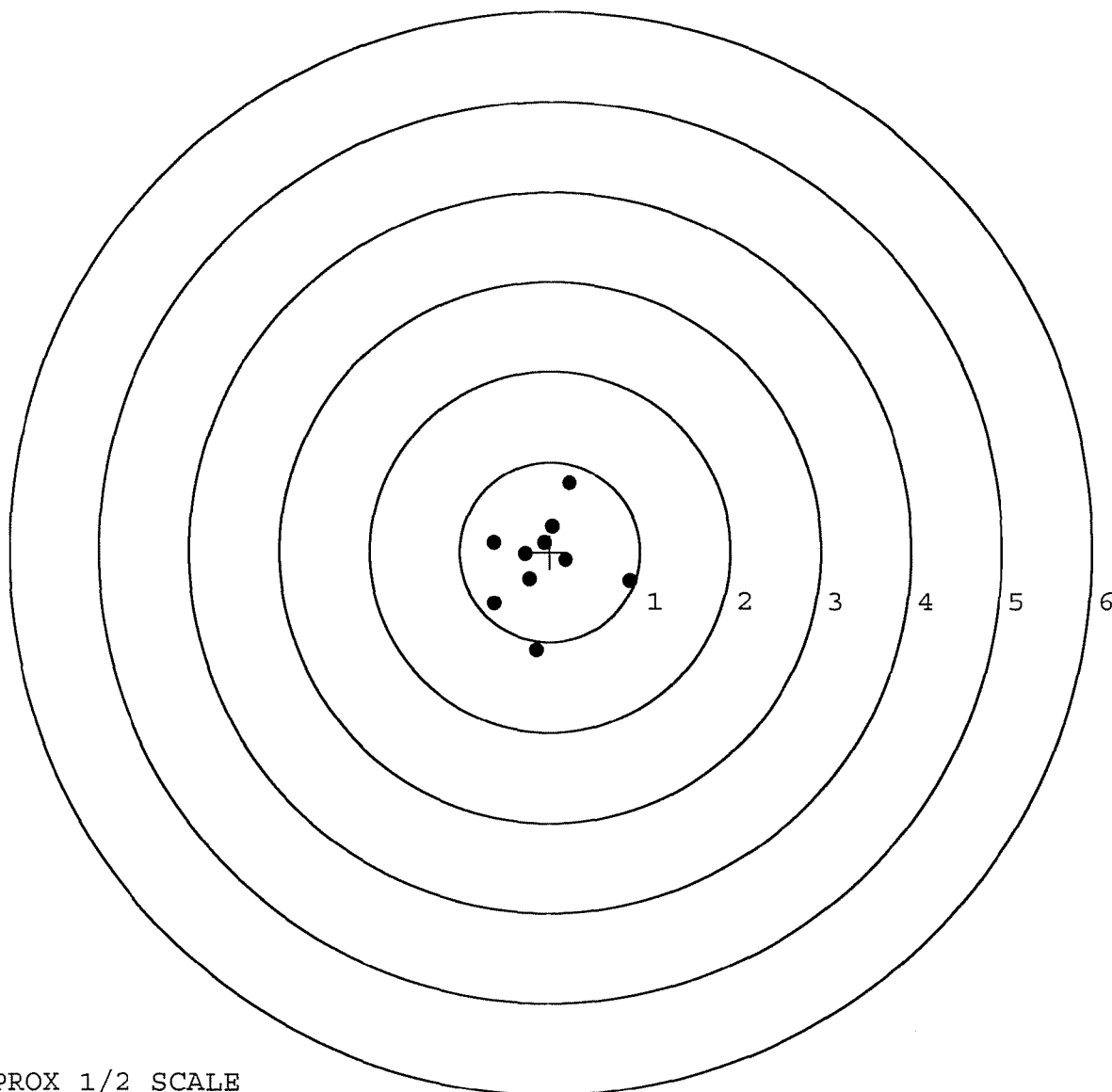
|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.011 |
| The Average Y Centroid of the Five Target Set:              | -0.089 |
| The Average Point of Impact of the Five Target Set:         | 0.089  |
| The Average Mean Radius of the Five Target Set:             | 0.714  |
| The Distance from POA to Centroid Target #1:                | 0.134  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.103  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.056  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.171  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.013  |

SERIAL NUMBER: G6535408. \_\_0  
TARGET NUMBER: 1  
FILE DATE: 09/14/2006  
FILE TIME: 01:33

X CENTROID: -0.065  
Y CENTROID: -0.117  
POA TO CENTROID: 0.134  
HORZ SPREAD: 1.514  
VERT SPREAD: 1.864  
GROUP SPREAD: 1.899  
MIN RADIUS: 0.219  
MAX RADIUS: 0.987  
MEAN RADIUS: 0.556

# IN 1 IN DIAMETER: 5  
# IN 2 IN DIAMETER: 10  
# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.889  | -0.325 |
| 2:     | -0.149 | -1.100 |
| 3:     | -0.618 | -0.577 |
| 4:     | 0.215  | 0.764  |
| 5:     | 0.031  | 0.281  |
| 6:     | 0.177  | -0.088 |
| 7:     | -0.232 | -0.305 |
| 8:     | -0.063 | 0.102  |
| 9:     | -0.277 | -0.025 |
| 10:    | -0.625 | 0.104  |



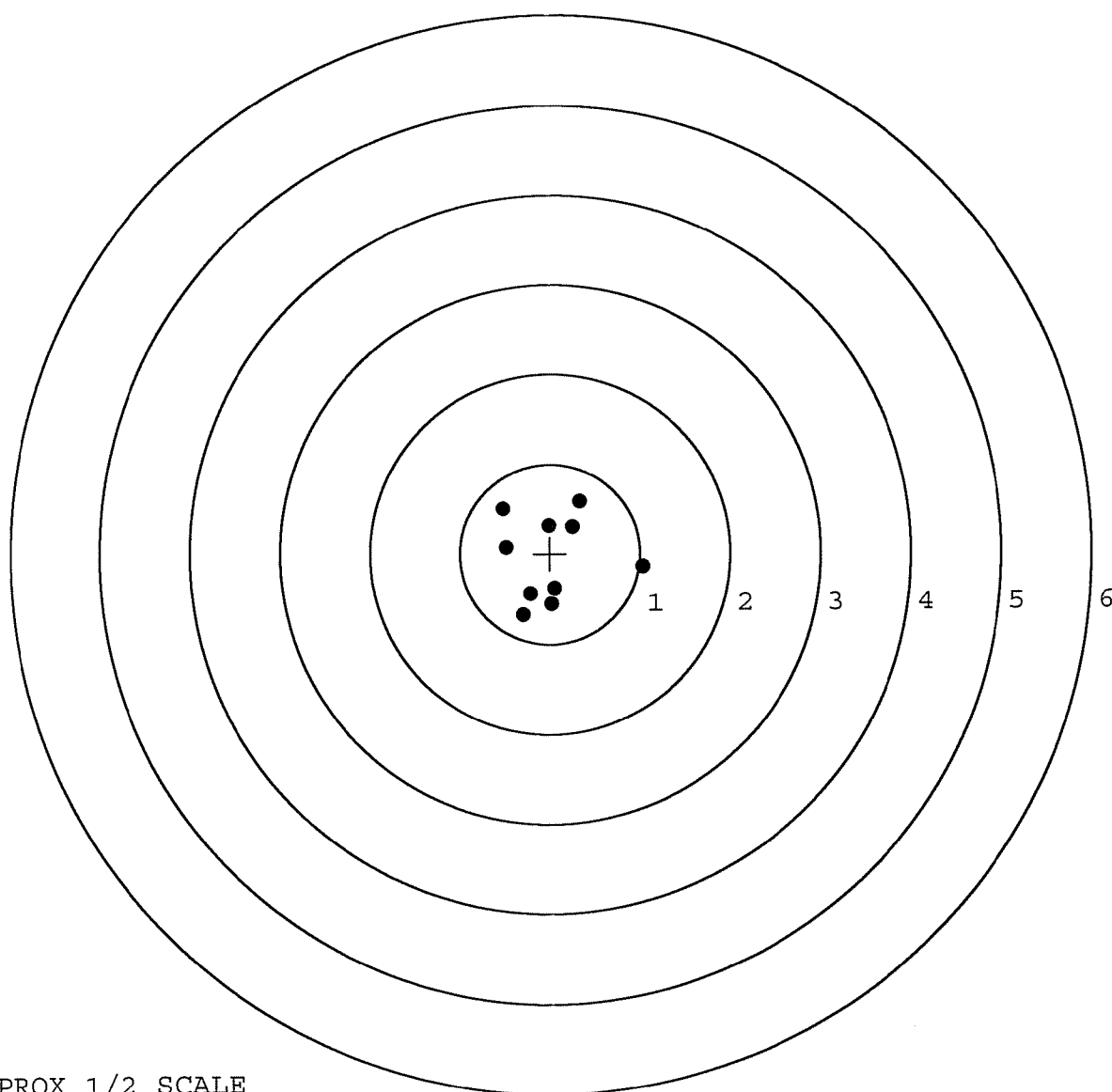
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535408.\_\_\_0  
TARGET NUMBER: 2  
FILE DATE: 09/14/2006  
FILE TIME: 01:33

X CENTROID: 0.013  
Y CENTROID: -0.049  
POA TO CENTROID: 0.050  
HORZ SPREAD: 1.548  
VERT SPREAD: 1.271  
GROUP SPREAD: 1.683  
MIN RADIUS: 0.342  
MAX RADIUS: 1.021  
MEAN RADIUS: 0.584

# IN 1 IN DIAMETER: 4  
# IN 2 IN DIAMETER: 9  
# in 3 IN DIAMETER: 10

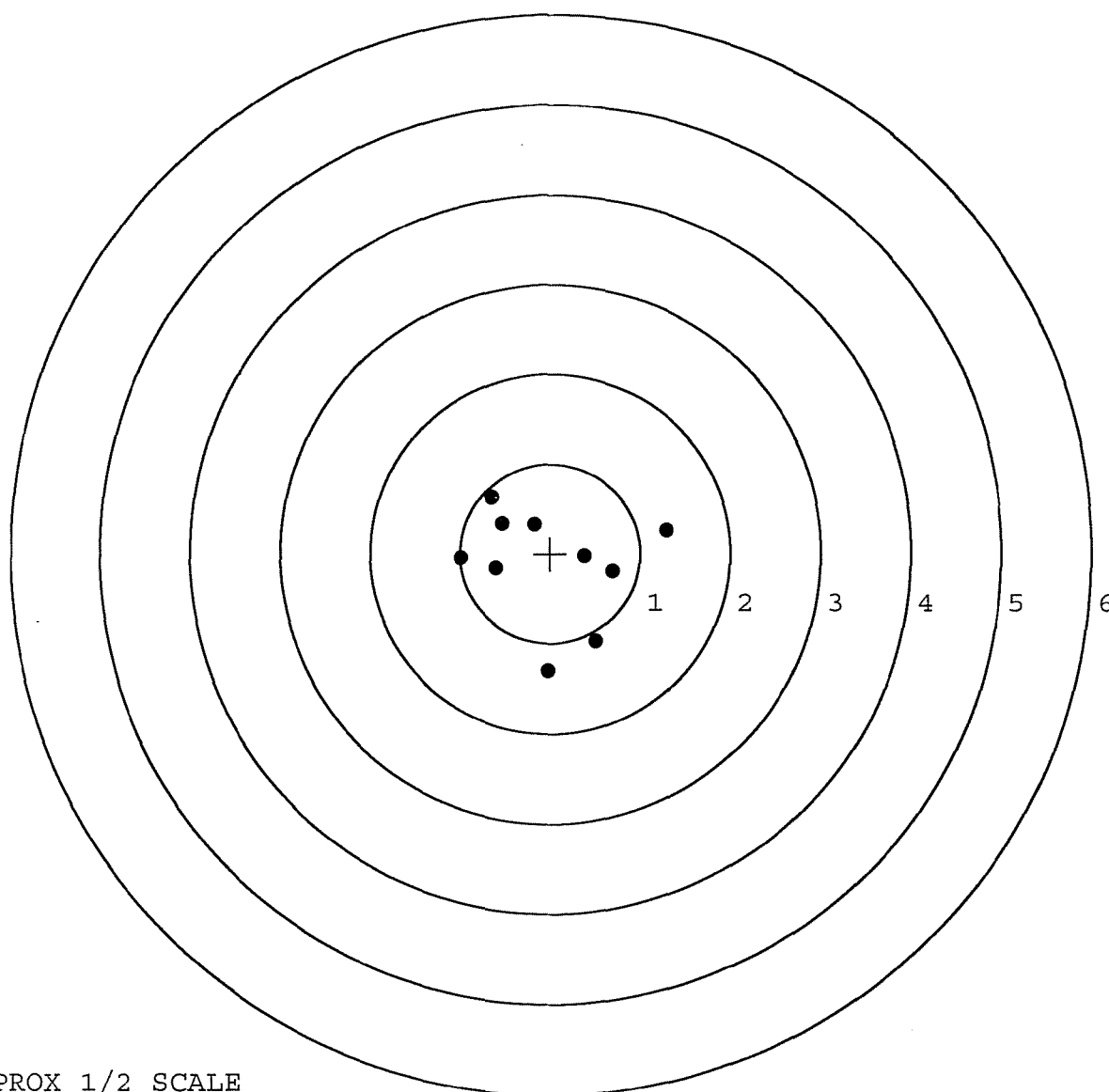
| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.028  | -0.160 |
| 2:     | 0.339  | 0.586  |
| 3:     | 0.257  | 0.295  |
| 4:     | -0.019 | 0.310  |
| 5:     | -0.490 | 0.071  |
| 6:     | -0.520 | 0.500  |
| 7:     | 0.047  | -0.389 |
| 8:     | 0.016  | -0.566 |
| 9:     | -0.226 | -0.450 |
| 10:    | -0.306 | -0.685 |



SERIAL NUMBER: G6535408. \_\_0  
TARGET NUMBER: 3  
FILE DATE: 09/14/2006  
FILE TIME: 01:33

X CENTROID: -0.010  
Y CENTROID: -0.119  
POA TO CENTROID: 0.120  
HORZ SPREAD: 2.285  
VERT SPREAD: 1.943  
GROUP SPREAD: 2.307  
MIN RADIUS: 0.404  
MAX RADIUS: 1.354  
MEAN RADIUS: 0.843  
# IN 1 IN DIAMETER: 2  
# IN 2 IN DIAMETER: 7  
# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.020 | -1.313 |
| 2:     | 0.517  | -0.984 |
| 3:     | 0.706  | -0.194 |
| 4:     | 1.290  | 0.259  |
| 5:     | 0.385  | -0.031 |
| 6:     | -0.179 | 0.323  |
| 7:     | -0.539 | 0.335  |
| 8:     | -0.659 | 0.630  |
| 9:     | -0.603 | -0.161 |
| 10:    | -0.995 | -0.058 |

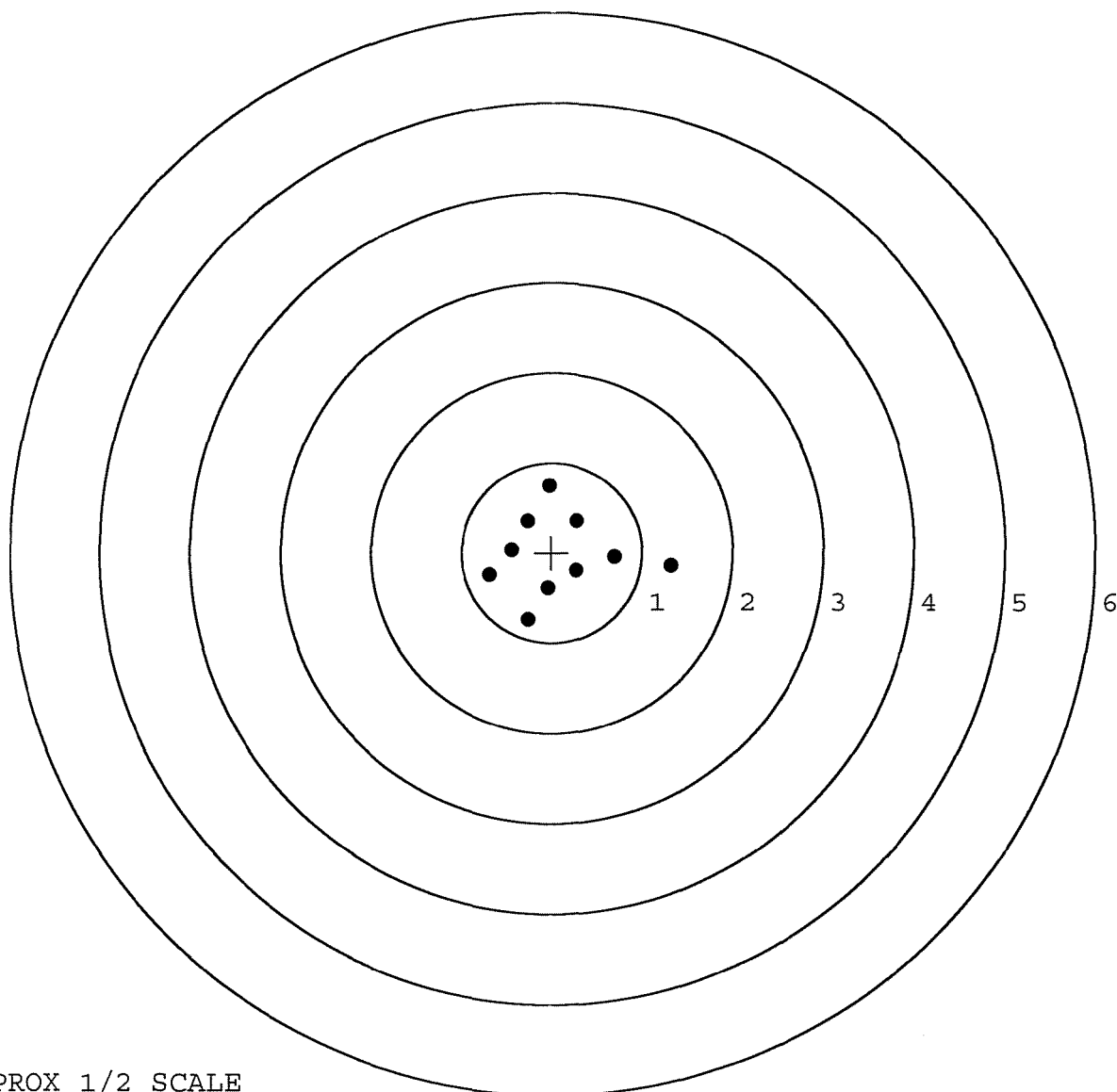


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535408. \_\_0  
TARGET NUMBER: 4  
FILE DATE: 09/14/2006  
FILE TIME: 01:33

X CENTROID: 0.084  
Y CENTROID: -0.034  
POA TO CENTROID: 0.090  
HORZ SPREAD: 2.008  
VERT SPREAD: 1.488  
GROUP SPREAD: 2.010  
MIN RADIUS: 0.259  
MAX RADIUS: 1.238  
MEAN RADIUS: 0.636  
# IN 1 IN DIAMETER: 3  
# IN 2 IN DIAMETER: 9  
# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.029 | 0.740  |
| 2:     | -0.267 | 0.349  |
| 3:     | 0.276  | 0.351  |
| 4:     | 1.316  | -0.153 |
| 5:     | 0.702  | -0.051 |
| 6:     | 0.279  | -0.205 |
| 7:     | -0.041 | -0.400 |
| 8:     | -0.261 | -0.748 |
| 9:     | -0.692 | -0.250 |
| 10:    | -0.444 | 0.028  |

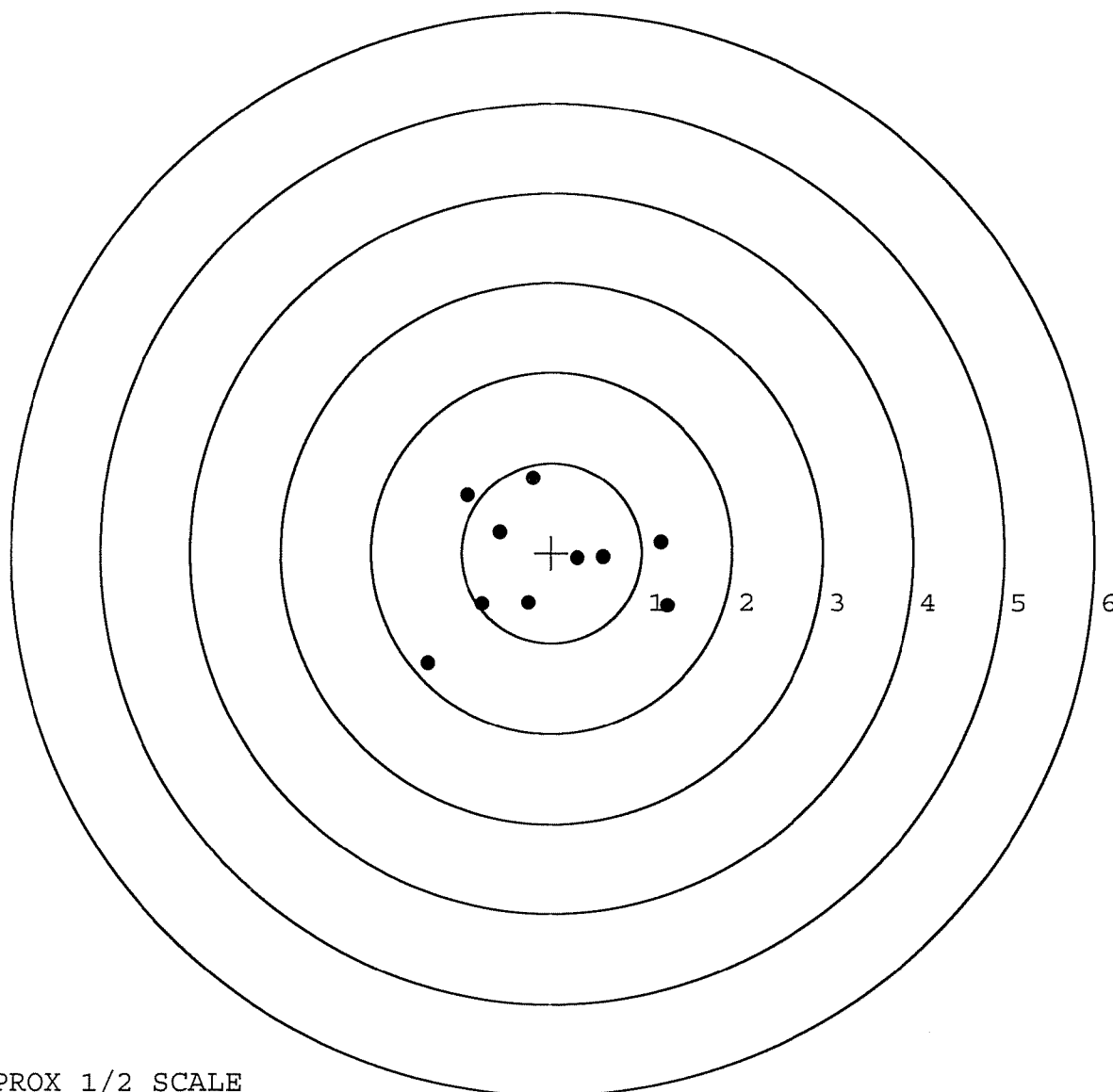


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535408. 0  
TARGET NUMBER: 5  
FILE DATE: 09/14/2006  
FILE TIME: 01:33

X CENTROID: -0.076  
Y CENTROID: -0.125  
POA TO CENTROID: 0.146  
HORZ SPREAD: 2.656  
VERT SPREAD: 2.057  
GROUP SPREAD: 2.914  
MIN RADIUS: 0.371  
MAX RADIUS: 1.703  
MEAN RADIUS: 0.950  
# IN 1 IN DIAMETER: 2  
# IN 2 IN DIAMETER: 6  
# in 3 IN DIAMETER: 9

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.938 | 0.637  |
| 2:     | -0.574 | 0.229  |
| 3:     | -0.211 | 0.829  |
| 4:     | -1.373 | -1.228 |
| 5:     | -0.767 | -0.572 |
| 6:     | -0.259 | -0.559 |
| 7:     | 0.290  | -0.062 |
| 8:     | 0.577  | -0.050 |
| 9:     | 1.213  | 0.116  |
| 10:    | 1.283  | -0.588 |



TARGET APPROX 1/2 SCALE