

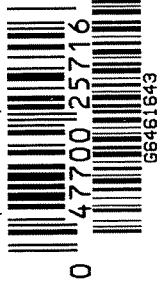
G646 1643

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

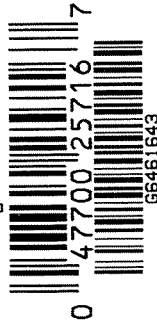
- INSTRUCTION BOOK 3518

**DD FORM**

proof of purchase



owner registration sticker



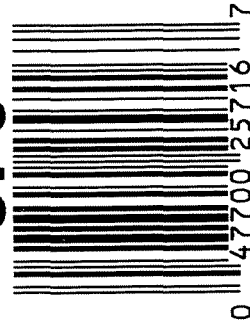
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

**G6461643**

**UPC**



**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.



66461643

## INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL #

66461643

| OP #         | OPERATION NAME                                                 | READINGS               | DATE     | INITIAL   |
|--------------|----------------------------------------------------------------|------------------------|----------|-----------|
| 420 &<br>430 | ASSEMBLE ACTION<br>ASSEMBLE TO STOCK                           |                        | 9-16-05  | RTZ       |
| 440          | PROOF                                                          |                        | 9-20-05  | RTZ       |
| 460          | CHECK HEADSPACE                                                |                        | 9-20-05  | RTZ       |
| 470          | DIS-ASSEMBLE ACTION                                            |                        | 9-21-05  | RTZ       |
| 480 &<br>490 | MAGNAFLUX BBL ACTION<br>MAGNAFLUX BOLT                         | 480 OPERATOR <i>mm</i> | 9/23/05  | <i>mm</i> |
| 500          | ROLLMARK CALIBER                                               |                        | 9-23-05  | CW        |
| 510          | DRILL AND TAP<br>SIGHT HOLES                                   |                        | 9-23-05  | TRW       |
| 520          | GOFF BLAST BBL / REC                                           |                        | 9-26-05  | CB        |
| 530 &<br>540 | APPLY COATINGS<br>(BARREL ACTION)                              |                        | 10/4/05  | RB        |
|              | (BOLT)                                                         |                        | 10/4/05  | RB        |
| 560          | RE-ASSEMBLE ACTION                                             |                        | 10/6/05  | mm        |
|              | A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                            |                        |          |           |
|              | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD |                        | 10/6/05  | mm        |
|              | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                         |                        | 10/6/05  | mm        |
|              | D) OIL FIRING PIN ASSEMBLY                                     |                        | 10-19-05 | RTZ       |
|              | E) ADJUST TRIGGER PULL<br>TO MIN. SETTING AND<br>STAKE         | 2.50 LBS +/- .5 LBS    |          |           |
| REV-8405     |                                                                |                        |          |           |

| OP #         | OPERATION NAME                                                           | READINGS                                                    | DATE                            | INITIAL                      |
|--------------|--------------------------------------------------------------------------|-------------------------------------------------------------|---------------------------------|------------------------------|
| 560          | F) SAFETY ON FORCE <span>2 LBS MIN<br/>10 LBS MAX</span>                 | <u>5 16</u> <u>5 16</u> <u>5 16</u>                         | 10-31-05                        | BC                           |
| CONT.        |                                                                          |                                                             |                                 |                              |
|              | G) SAFETY OFF FORCE <span>2 LBS MIN</span>                               | <u>2 16</u> <u>2 16</u> <u>2 16</u>                         | 10-31-05                        | BC                           |
|              | H) TRIGGER PULL TEST<br>AND RETAINABILITY                                |                                                             |                                 |                              |
|              | I) FIRING PIN INDENT <span>.020 MIN</span>                               | <u>.022</u> <u>.022</u> <u>.022</u>                         | 10-31-05                        | BC                           |
|              | J) ASSEMBLE STOCK                                                        |                                                             | 10-19-05                        | RTL                          |
|              | K) ASSEMBLE SWIVEL<br>STUDS                                              |                                                             | 10-31-05                        | BC                           |
|              | L) ATTACH FRONT AND<br>REAR SIGHT ASSY'S                                 |                                                             | 10-31-05                        | BC                           |
|              | M) IRON SIGHT<br>ALIGNMENT                                               |                                                             | 10-31-05                        | BC                           |
|              | N) DETACH FRONT AND<br>REAR SIGHTS AND PLACE<br>IN NUMBERED CONTAINER    |                                                             | 10-31-05                        | BC                           |
| 640 &<br>650 | FUNCTION TEST AND<br>TARGET                                              | <u>PASS</u> <u>FAIL</u><br><u>PASS</u> <u>FAIL</u>          | 10/20/05<br><del>10/20/05</del> | <u>MTM</u><br><del>MTM</del> |
|              | MALFUNCTION                                                              | CORRECTION                                                  |                                 |                              |
|              | MALFUNCTION                                                              | CORRECTION                                                  |                                 |                              |
|              | MALFUNCTION                                                              | CORRECTION                                                  |                                 |                              |
|              | MALFUNCTION                                                              | CORRECTION                                                  |                                 |                              |
| 660          | INSPECT FOR LIVE AMMO                                                    |                                                             | 10/20/05                        | MTM                          |
| 670          | FINAL INSPECTION<br>A) HEADSPACE                                         |                                                             | 10-31-05                        | BC                           |
|              | B) TRIGGER PULL <span>+/- .5 LBS<br/>MIN 2.50 LBS<br/>MAX 4.0 LBS</span> | <u>2.62</u> <u>2.58</u> <u>2.43</u> <u>2.35</u> <u>2.76</u> | 10-28-05                        | BC                           |
|              | C) FUNCTION                                                              |                                                             | 10-31-05                        | BC                           |
| 690          | PACK                                                                     |                                                             | 11-1-05                         | DA                           |

## INITIAL &amp; 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

10-19-05

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 | 2.45                | 2.49                        |                                   | 2.34  |          |
| PULL #2 | 2.47                | 2.53                        |                                   | 2.28  |          |
| PULL #3 | 2.44                | 2.56                        |                                   | 2.27  |          |
| PULL #4 | 2.43                | 2.53                        |                                   | 2.32  |          |
| PULL #5 | 2.41                | 2.47                        |                                   | 2.35  |          |
| TOTAL   | 12.20               | 12.58                       |                                   | 11.56 |          |
| AVERAGE | 2.44                | 2.51                        |                                   | 2.31  |          |

|         | 3.00 LBS<br>INITIAL | 3.00 LBS AFTER<br>20 CYCLES |  | COMMENTS |
|---------|---------------------|-----------------------------|--|----------|
| PULL #1 | 3.23                | 3.24                        |  |          |
| PULL #2 | 3.18                | 3.17                        |  |          |
| PULL #3 | 3.18                | 3.18                        |  |          |
| PULL #4 | 3.21                | 3.08                        |  |          |
| PULL #5 | 3.11                | 3.02                        |  |          |
| TOTAL   | 15.91               | 15.69                       |  |          |
| AVERAGE | 3.18                | 3.13                        |  |          |

|         | 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 | 4.06                | 4.08                        |                                   | 4.11                                    |
| PULL #2 | 4.14                | 4.04                        |                                   | 3.91                                    |
| PULL #3 | 4.06                | 4.28                        |                                   | 4.03                                    |
| PULL #4 | 3.96                | 4.07                        |                                   | 3.94                                    |
| PULL #5 | 3.98                | 4.14                        |                                   | 4.08                                    |
| TOTAL   | 20.20               | 20.61                       |                                   | 20.07                                   |
| AVERAGE | 4.04                | 4.12                        |                                   | 4.01                                    |

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6461643.\_\_\_0

FILE DATE AND TIME: 10/20/2005 18:17

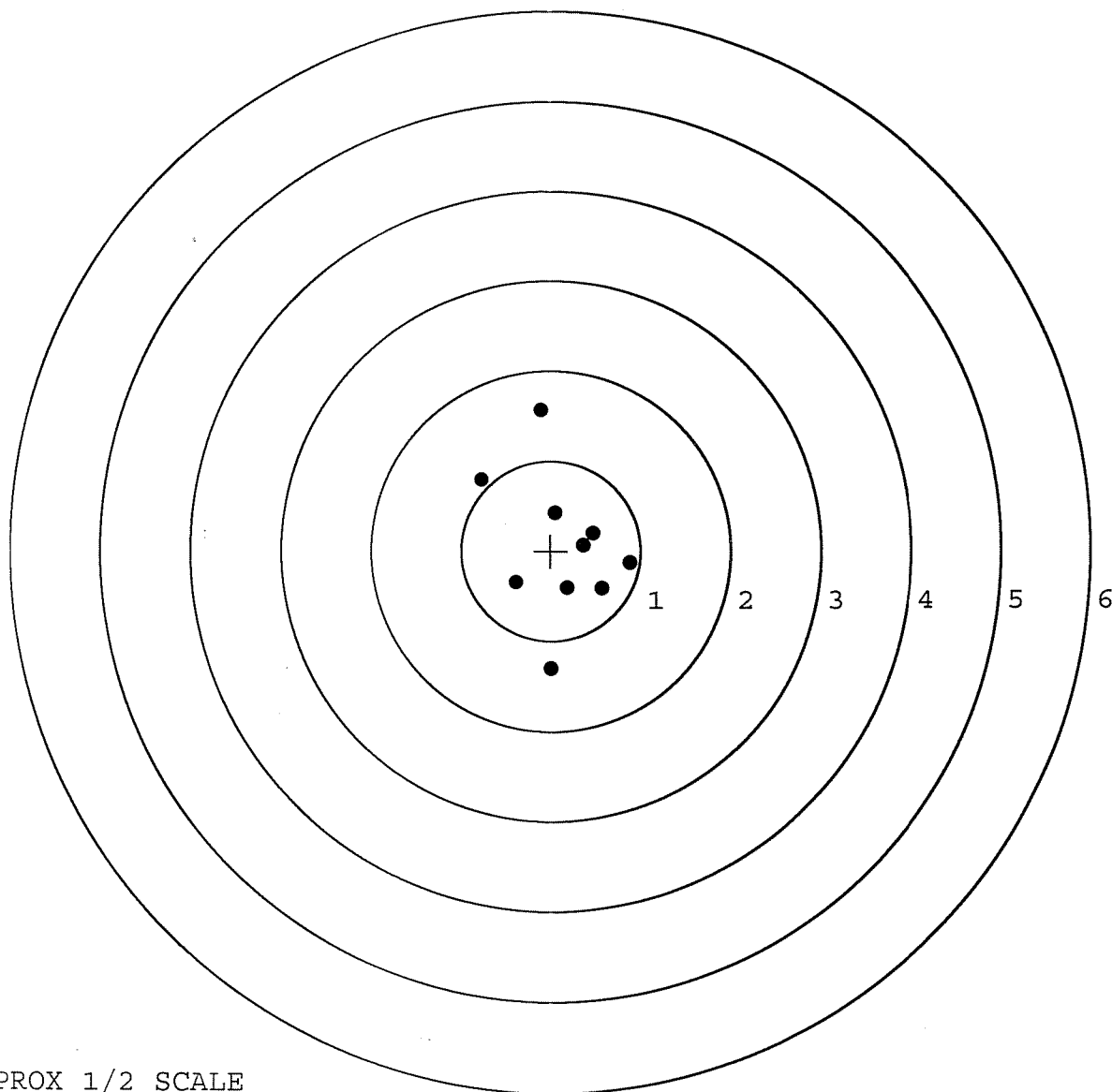
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | 0.063  |
| The Average Y Centroid of the Five Target Set:              | -0.039 |
| The Average Point of Impact of the Five Target Set:         | 0.074  |
| The Average Mean Radius of the Five Target Set:             | 0.634  |
| The Distance from POA to Centroid Target #1:                | 0.130  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.215  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.072  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.222  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.222  |

SERIAL NUMBER: G6461643. \_\_ 0  
TARGET NUMBER: 1  
FILE DATE: 10/20/2005  
FILE TIME: 18:17

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.049  | 0.420  |
| 2:     | -0.391 | -0.357 |
| 3:     | -0.777 | 0.788  |
| 4:     | -0.107 | 1.566  |
| 5:     | 0.185  | -0.420 |
| 6:     | 0.362  | 0.065  |
| 7:     | 0.568  | -0.422 |
| 8:     | 0.882  | -0.134 |
| 9:     | 0.005  | -1.309 |
| 10:    | 0.467  | 0.196  |

X CENTROID: 0.124  
Y CENTROID: 0.039  
POA TO CENTROID: 0.130  
HORZ SPREAD: 1.659  
VERT SPREAD: 2.875  
GROUP SPREAD: 2.877  
MIN RADIUS: 0.239  
MAX RADIUS: 1.544  
MEAN RADIUS: 0.760  
# IN 1 IN DIAMETER: 4  
# IN 2 IN DIAMETER: 7  
# in 3 IN DIAMETER: 9



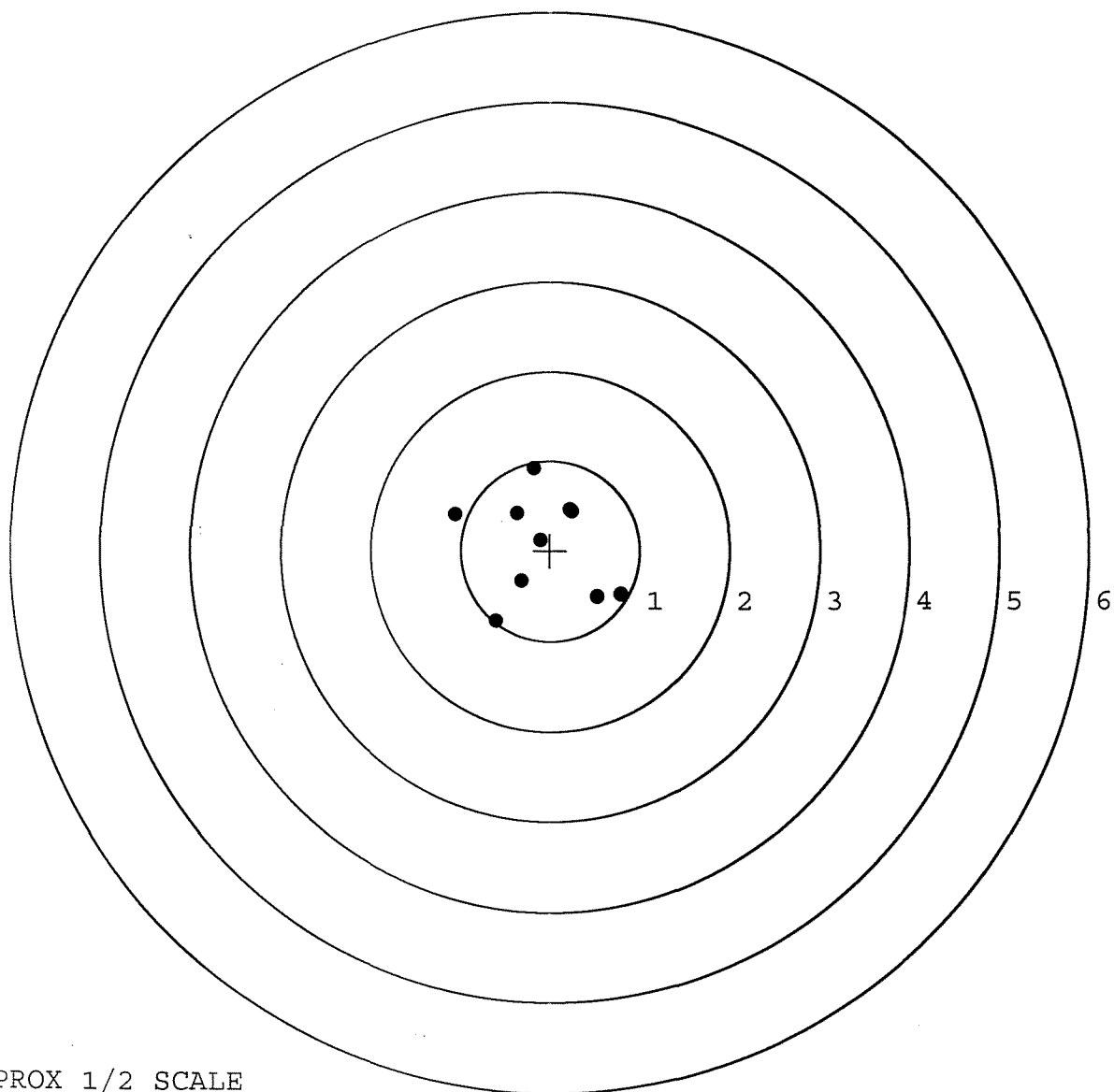
TARGET APPROX 1/2 SCALE



SERIAL NUMBER: G6461643. 0  
TARGET NUMBER: 2  
FILE DATE: 10/20/2005  
FILE TIME: 18:17

X CENTROID: -0.090  
Y CENTROID: 0.063  
POA TO CENTROID: 0.110  
HORZ SPREAD: 1.857  
VERT SPREAD: 1.697  
GROUP SPREAD: 2.058  
MIN RADIUS: 0.058  
MAX RADIUS: 1.037  
MEAN RADIUS: 0.674  
# IN 1 IN DIAMETER: 5  
# IN 2 IN DIAMETER: 8  
# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.240  | 0.436  |
| 2:     | -0.181 | 0.918  |
| 3:     | -1.070 | 0.401  |
| 4:     | -0.607 | -0.779 |
| 5:     | 0.787  | -0.486 |
| 6:     | 0.525  | -0.512 |
| 7:     | -0.322 | -0.337 |
| 8:     | -0.111 | 0.117  |
| 9:     | -0.378 | 0.418  |
| 10:    | 0.219  | 0.454  |

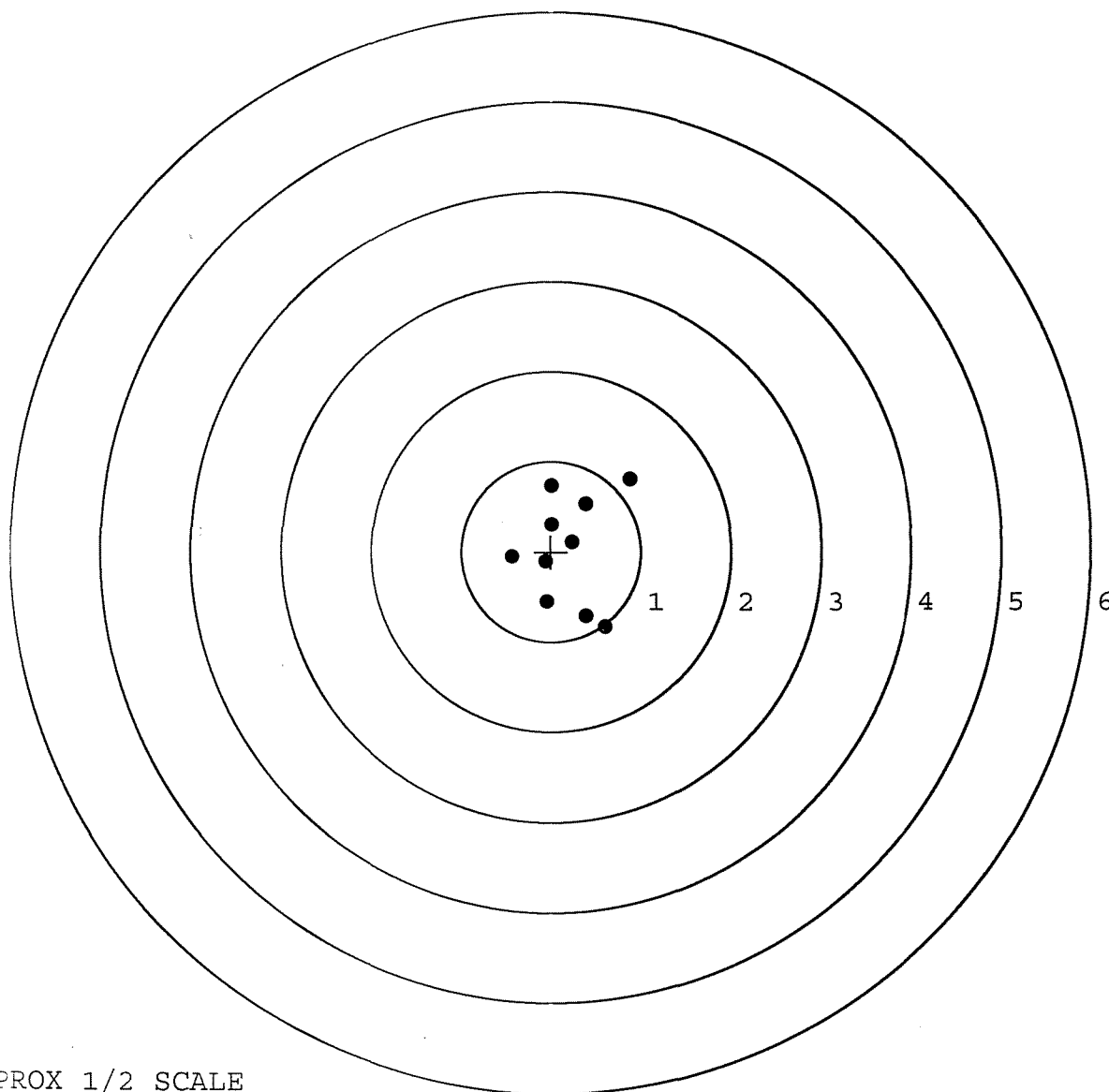


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461643. 0  
TARGET NUMBER: 3  
FILE DATE: 10/20/2005  
FILE TIME: 18:17

X CENTROID: 0.194  
Y CENTROID: 0.020  
POA TO CENTROID: 0.195  
HORZ SPREAD: 1.316  
VERT SPREAD: 1.638  
GROUP SPREAD: 1.661  
MIN RADIUS: 0.100  
MAX RADIUS: 1.039  
MEAN RADIUS: 0.602  
# IN 1 IN DIAMETER: 3  
# IN 2 IN DIAMETER: 9  
# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.878  | 0.802  |
| 2:     | -0.001 | 0.728  |
| 3:     | -0.438 | -0.055 |
| 4:     | -0.052 | -0.555 |
| 5:     | 0.601  | -0.836 |
| 6:     | 0.392  | -0.719 |
| 7:     | 0.383  | 0.531  |
| 8:     | 0.004  | 0.304  |
| 9:     | 0.235  | 0.111  |
| 10:    | -0.064 | -0.107 |

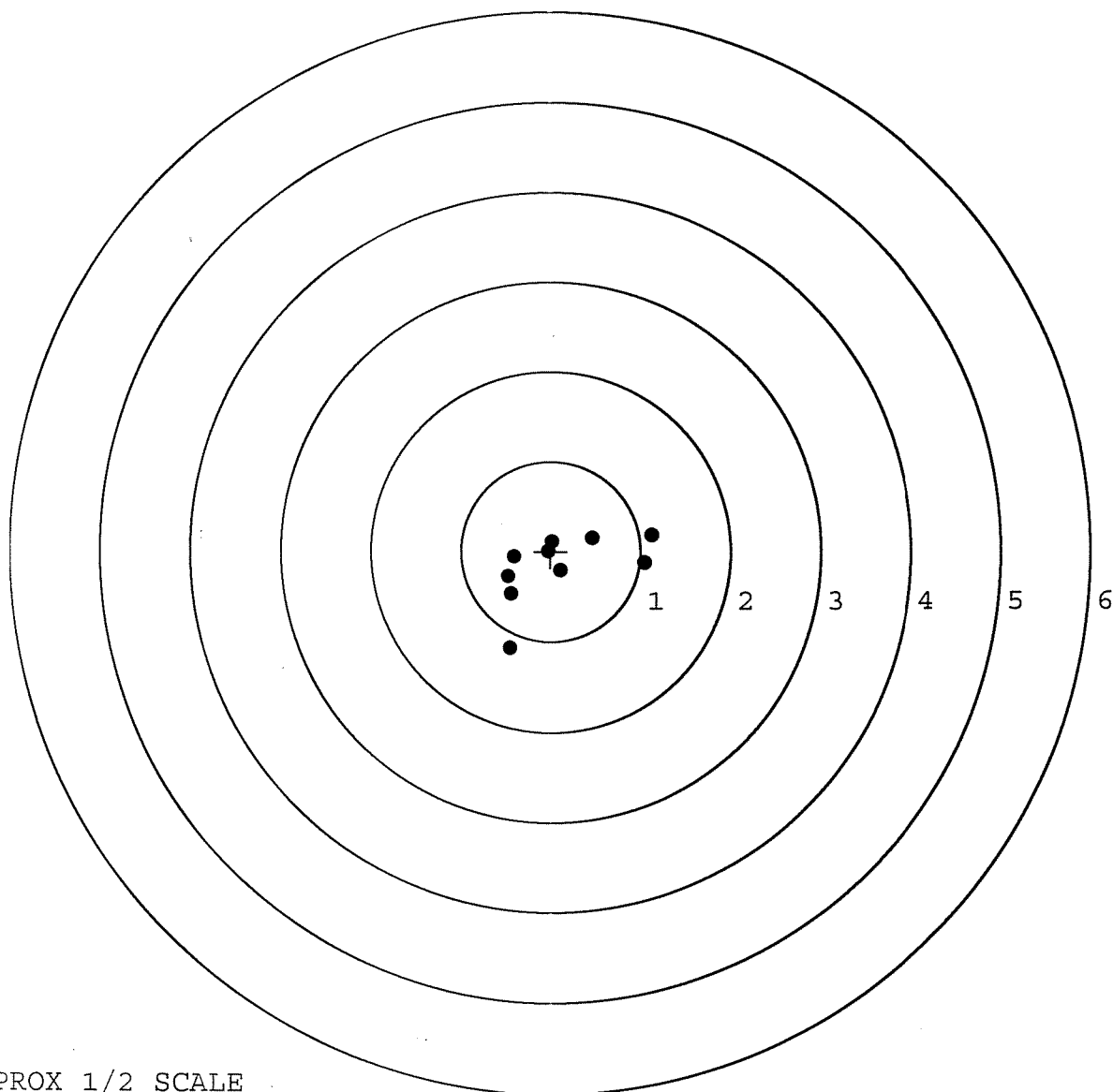


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461643. \_\_0  
TARGET NUMBER: 4  
FILE DATE: 10/20/2005  
FILE TIME: 18:17

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.464  | 0.150  |
| 2:     | 1.041  | -0.133 |
| 3:     | 1.124  | 0.186  |
| 4:     | 0.018  | 0.109  |
| 5:     | 0.108  | -0.219 |
| 6:     | -0.412 | -0.064 |
| 7:     | -0.475 | -0.285 |
| 8:     | -0.441 | -0.475 |
| 9:     | -0.459 | -1.075 |
| 10:    | -0.027 | -0.005 |

X CENTROID: 0.094  
Y CENTROID: -0.181  
POA TO CENTROID: 0.204  
HORZ SPREAD: 1.599  
VERT SPREAD: 1.261  
GROUP SPREAD: 2.024  
MIN RADIUS: 0.040  
MAX RADIUS: 1.093  
MEAN RADIUS: 0.585  
# IN 1 IN DIAMETER: 4  
# IN 2 IN DIAMETER: 8  
# in 3 IN DIAMETER: 10

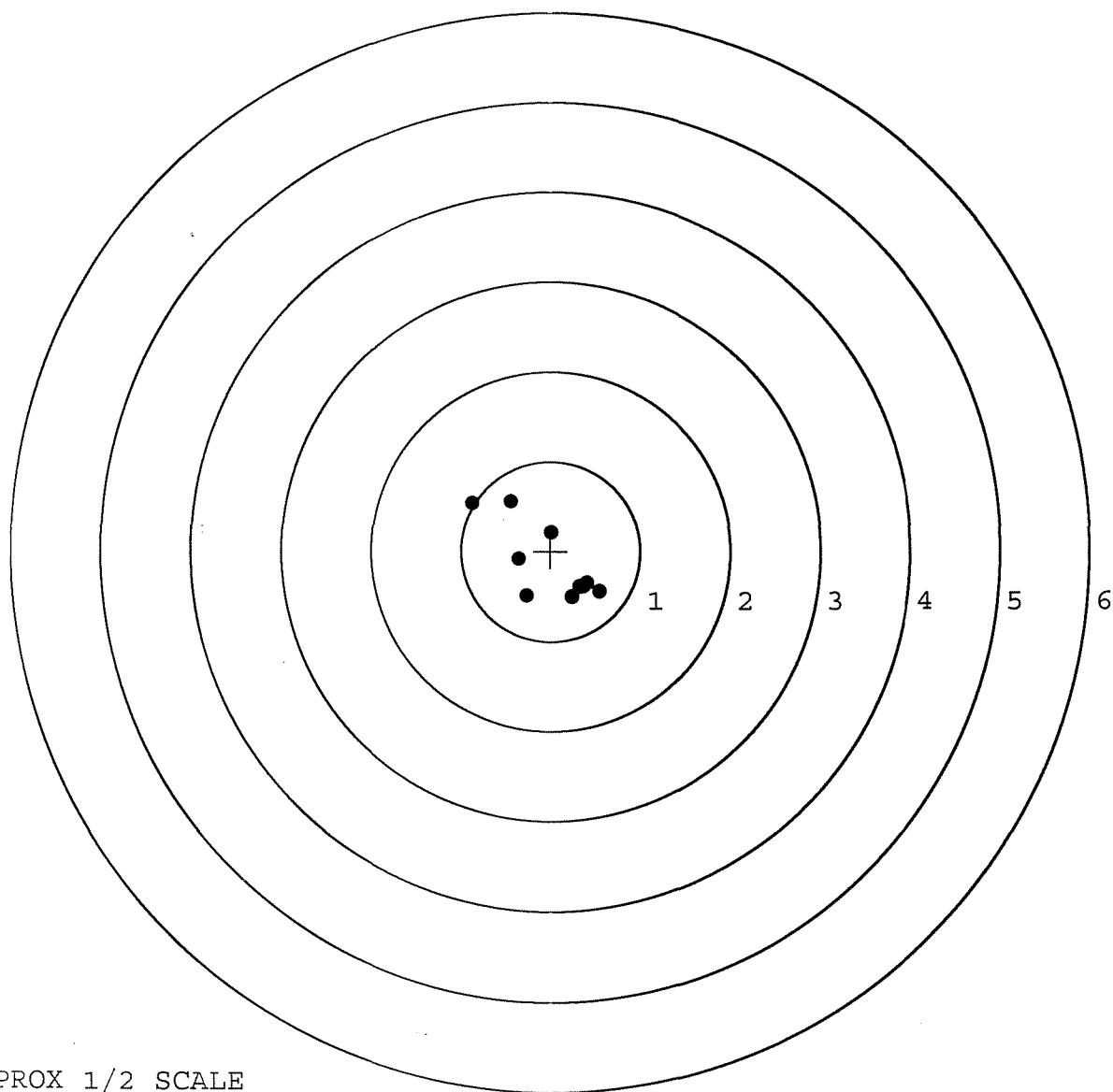


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461643. 0  
TARGET NUMBER: 5  
FILE DATE: 10/20/2005  
FILE TIME: 18:17

X CENTROID: -0.007  
Y CENTROID: -0.139  
POA TO CENTROID: 0.139  
HORZ SPREAD: 1.419  
VERT SPREAD: 1.068  
GROUP SPREAD: 1.726  
MIN RADIUS: 0.348  
MAX RADIUS: 1.098  
MEAN RADIUS: 0.547  
# IN 1 IN DIAMETER: 7  
# IN 2 IN DIAMETER: 9  
# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.008  | 0.209  |
| 2:     | -0.450 | 0.557  |
| 3:     | -0.875 | 0.534  |
| 4:     | -0.355 | -0.090 |
| 5:     | -0.269 | -0.497 |
| 6:     | 0.234  | -0.511 |
| 7:     | 0.326  | -0.397 |
| 8:     | 0.405  | -0.359 |
| 9:     | 0.544  | -0.448 |
| 10:    | 0.361  | -0.389 |



TARGET APPROX 1/2 SCALE