

G646/553

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



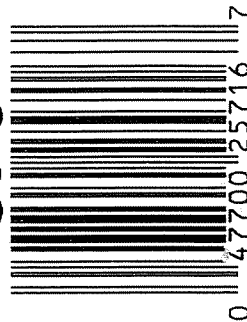
owner registration sticker



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

G6461553

UPC



**ORDER 25716**  
M/24 7.62 NATO S.W.S. (COMPLETE SYSTI  
**UPC**



**ORDER 25716**  
M/24 7.62 NATO S.W.S. (COMPLETE SYSTI  
**UPC**



SERIAL NO.



25716

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



.MA25716

Shop Order: SW5716 - SEP



.ABSW5716 - SEP

Start Date: 5/27/2005

Finish Date: 9/26/2005

0520

78ROT01

Goff Blast Barrel & Rec Assembly,



0004110512

0540

01PC001

Flat Black Powder Coat, Barrel and



0004110502

0560

89SWS1

Reassemble Action.



0004110503

0690

89SWS1

Pack Rifle & Stencil SWS Container



.OP0690

## INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # 66461533

| OP #         | OPERATION NAME                                                 | READINGS                        | DATE    | INITIAL |
|--------------|----------------------------------------------------------------|---------------------------------|---------|---------|
| 420 &<br>430 | ASSEMBLE ACTION<br>ASSEMBLE TO STOCK                           |                                 | 9-9-05  | RTL     |
| 440          | PROOF                                                          |                                 | 9-12-05 | RTL     |
| 460          | CHECK HEADSPACE                                                | MAGNAFLUX - FLO...<br>INSPECTED | 9-13-05 | RTL     |
| 470          | DIS-ASSEMBLE ACTION                                            | SEP 2005                        | 9-13-05 | RTL     |
| 480 &<br>490 | MAGNAFLUX BBL ACTION<br>MAGNAFLUX BOLT                         | 480 EJECTOR unit                | 9/14/05 | WAG     |
| 500          | ROLLMARK CALIBER                                               |                                 | 9-14-05 | CW      |
| 510          | DRILL AND TAP<br>SIGHT HOLES                                   |                                 | 9-13-05 | TRW     |
| 520          | GOFF BLAST BBL / REC                                           |                                 | 9-19-05 | LB      |
| 530 &<br>540 | APPLY COATINGS<br>(BARREL ACTION)                              |                                 | 9/20    | HP      |
|              | (BOLT)                                                         |                                 |         |         |
| 560          | RE-ASSEMBLE ACTION                                             |                                 | 9-28-05 | DA      |
|              | A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                            |                                 |         |         |
|              | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD |                                 | 9-28-05 | DA      |
|              | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                         |                                 | 9-28-05 | DA      |
|              | D) OIL FIRING PIN ASSEMBLY                                     |                                 | 9-30-05 | RTL     |
|              | E) ADJUST TRIGGER PULL<br>TO MIN. SETTING AND<br>STAKE         | 2.50 LBS +/- .5 LBS             |         |         |

REV-8405

| OP #         | OPERATION NAME                                                        | 2 LBS MIN<br>10 LBS MAX                   | READINGS                                                    | DATE     | INITIAL |
|--------------|-----------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------|----------|---------|
| 560          | F) SAFETY ON FORCE                                                    |                                           | <u>6 lbs</u> <u>6 lbs</u> <u>6 lbs</u>                      | 10-11-05 | AC      |
| CONT.        |                                                                       |                                           |                                                             |          |         |
|              | G) SAFETY OFF FORCE                                                   | 2 LBS MIN                                 | <u>3 lbs</u> <u>3 lbs</u> <u>3 lbs</u>                      | 10-11-05 | AC      |
|              | H) TRIGGER PULL TEST<br>AND RETAINABILITY                             |                                           |                                                             |          |         |
|              | I) FIRING PIN INDENT                                                  | .020 MIN                                  | <u>.023</u> <u>.023</u> <u>.023</u>                         | 9-30-05  | AC      |
|              | J) ASSEMBLE STOCK                                                     |                                           |                                                             | 9-30-05  | RTZ     |
|              | K) ASSEMBLE SWIVEL<br>STUDS                                           |                                           |                                                             | 10-11-05 | AC      |
|              | L) ATTACH FRONT AND<br>REAR SIGHT ASSY'S                              |                                           |                                                             | 10-3-05  | RTZ     |
|              | M) IRON SIGHT<br>ALIGNMENT                                            |                                           |                                                             | 10-3-05  | RTZ     |
|              | N) DETACH FRONT AND<br>REAR SIGHTS AND PLACE<br>IN NUMBERED CONTAINER |                                           |                                                             | 10-3-05  | RTZ     |
| 640 &<br>650 | FUNCTION TEST AND<br>TARGET                                           |                                           | <u>PASS</u> FAIL<br><u>PASS</u> FAIL                        | 10-11-05 | TRLW    |
|              | MALFUNCTION                                                           |                                           | CORRECTION                                                  |          |         |
|              | MALFUNCTION                                                           |                                           | CORRECTION                                                  |          |         |
|              | MALFUNCTION                                                           |                                           | CORRECTION                                                  |          |         |
|              | MALFUNCTION                                                           |                                           | CORRECTION                                                  |          |         |
| 660          | INSPECT FOR LIVE AMMO                                                 |                                           |                                                             | 10-11-05 | ST      |
| 670          | FINAL INSPECTION<br>A) HEADSPACE                                      |                                           |                                                             | 10-11-05 | AC      |
|              | B) TRIGGER PULL                                                       | +/- .5 LBS<br>MIN 2.50 LBS<br>MAX 4.0 LBS | <u>2.59</u> <u>2.50</u> <u>2.40</u> <u>2.28</u> <u>2.67</u> | 10-11-05 | TRLW    |
|              | C) FUNCTION                                                           |                                           |                                                             | 10-11-05 | AC      |
| 690          | PACK                                                                  |                                           |                                                             | 10-12-05 | 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)

SERIAL NO.

DATE

TESTER

9/29/05

BC

|         | 2.50 LBS<br>INITIAL | 2.50 LBS AFTER<br>50 CYCLES | FINAL TEST & TO RESET<br>2.50 LBS |       | COMMENTS |
|---------|---------------------|-----------------------------|-----------------------------------|-------|----------|
| PULL #1 | 2.35                | 2.04                        |                                   | 2.22  |          |
| PULL #2 | 2.82                | 2.15                        |                                   | 2.41  |          |
| PULL #3 | 2.34                | 2.42                        |                                   | 2.31  |          |
| PULL #4 | 2.78                | 2.20                        |                                   | 2.13  |          |
| PULL #5 | 2.69                | 2.40                        |                                   | 2.48  |          |
| TOTAL   | 12.98               | 11.21                       |                                   | 11.55 |          |
| AVERAGE | 2.60                | 2.24                        |                                   | 2.31  |          |

|         | 3.00 LBS<br>INITIAL | 3.00 LBS AFTER<br>20 CYCLES |  | COMMENTS |
|---------|---------------------|-----------------------------|--|----------|
| PULL #1 | 3.02                | 3.19                        |  |          |
| PULL #2 | 3.07                | 3.07                        |  |          |
| PULL #3 | 2.99                | 3.10                        |  |          |
| PULL #4 | 2.94                | 3.39                        |  |          |
| PULL #5 | 3.00                | 2.75                        |  |          |
| TOTAL   | 15.02               | 15.50                       |  |          |
| AVERAGE | 3.00                | 3.10                        |  |          |

|         | 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 | 3.94                | 3.79                        |                                   | 4.20                                    |
| PULL #2 | 3.97                | 4.01                        |                                   | 4.12                                    |
| PULL #3 | 3.86                | 3.83                        |                                   | 4.14                                    |
| PULL #4 | 4.08                | 4.12                        |                                   | 4.08                                    |
| PULL #5 | 3.86                | 3.78                        |                                   | 4.29                                    |
| TOTAL   | 19.71               | 19.53                       |                                   | 20.83                                   |
| AVERAGE | 3.94                | 3.91                        |                                   | 4.17                                    |

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6461553.\_\_\_0

FILE DATE AND TIME: 10/11/2005 10:10

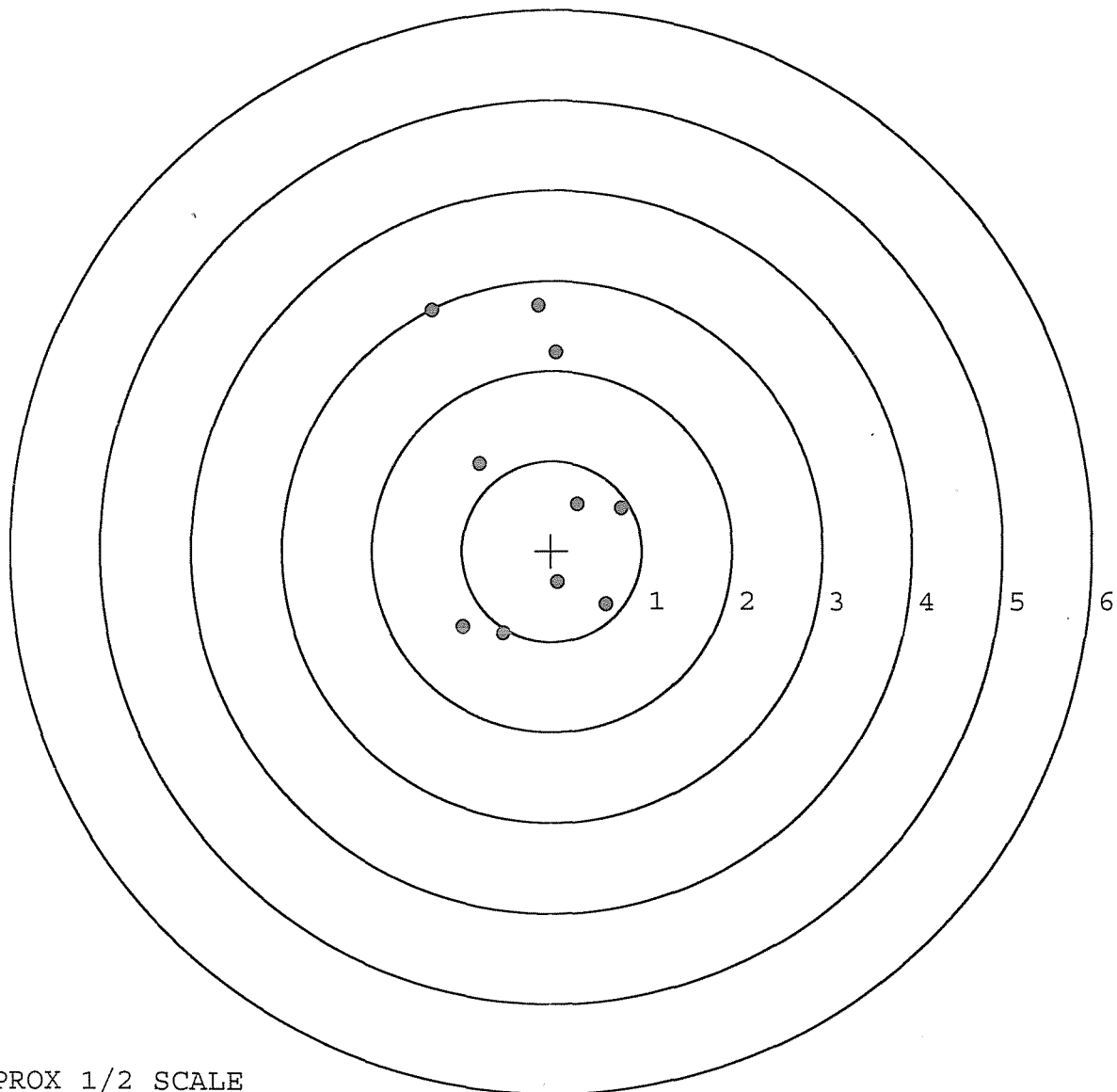
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.035 |
| The Average Y Centroid of the Five Target Set:              | 0.184  |
| The Average Point of Impact of the Five Target Set:         | 0.187  |
| The Average Mean Radius of the Five Target Set:             | 0.851  |
| The Distance from POA to Centroid Target #1:                | 0.717  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.718  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.593  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.613  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.738  |

SERIAL NUMBER: G6461553. \_\_0  
TARGET NUMBER: 1  
FILE DATE: 10/11/2005  
FILE TIME: 10:10

X CENTROID: -0.204  
Y CENTROID: 0.688  
POA TO CENTROID: 0.717  
HORZ SPREAD: 2.107  
VERT SPREAD: 3.634  
GROUP SPREAD: 3.795  
MIN RADIUS: 0.516  
MAX RADIUS: 2.283  
MEAN RADIUS: 1.398  
# IN 1 IN DIAMETER: 0  
# IN 2 IN DIAMETER: 3  
# in 3 IN DIAMETER: 4

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.602  | -0.593 |
| 2:     | 0.069  | -0.353 |
| 3:     | 0.773  | 0.477  |
| 4:     | 0.285  | 0.523  |
| 5:     | -0.803 | 0.973  |
| 6:     | -0.537 | -0.909 |
| 7:     | -0.987 | -0.845 |
| 8:     | 0.051  | 2.206  |
| 9:     | -0.158 | 2.725  |
| 10:    | -1.334 | 2.671  |

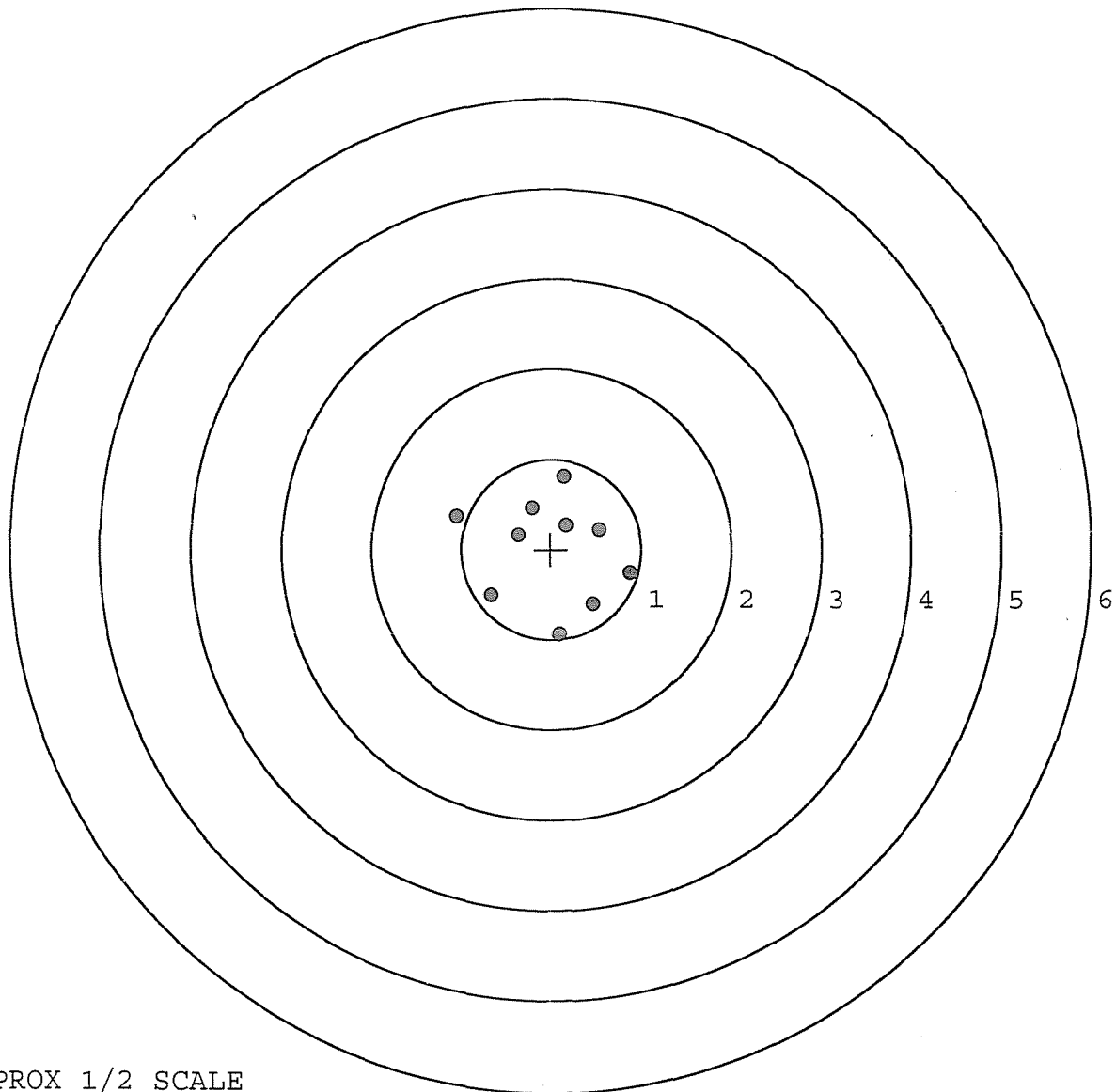


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461553.\_\_\_\_0  
TARGET NUMBER: 2  
FILE DATE: 10/11/2005  
FILE TIME: 10:10

X CENTROID: -0.003  
Y CENTROID: -0.002  
POA TO CENTROID: 0.004  
HORZ SPREAD: 1.931  
VERT SPREAD: 1.760  
GROUP SPREAD: 2.034  
MIN RADIUS: 0.320  
MAX RADIUS: 1.118  
MEAN RADIUS: 0.722  
# IN 1 IN DIAMETER: 2  
# IN 2 IN DIAMETER: 9  
# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.099  | -0.948 |
| 2:     | 0.464  | -0.608 |
| 3:     | 0.874  | -0.266 |
| 4:     | 0.528  | 0.225  |
| 5:     | 0.165  | 0.270  |
| 6:     | 0.144  | 0.812  |
| 7:     | -0.215 | 0.465  |
| 8:     | -0.362 | 0.166  |
| 9:     | -1.057 | 0.372  |
| 10:    | -0.670 | -0.507 |

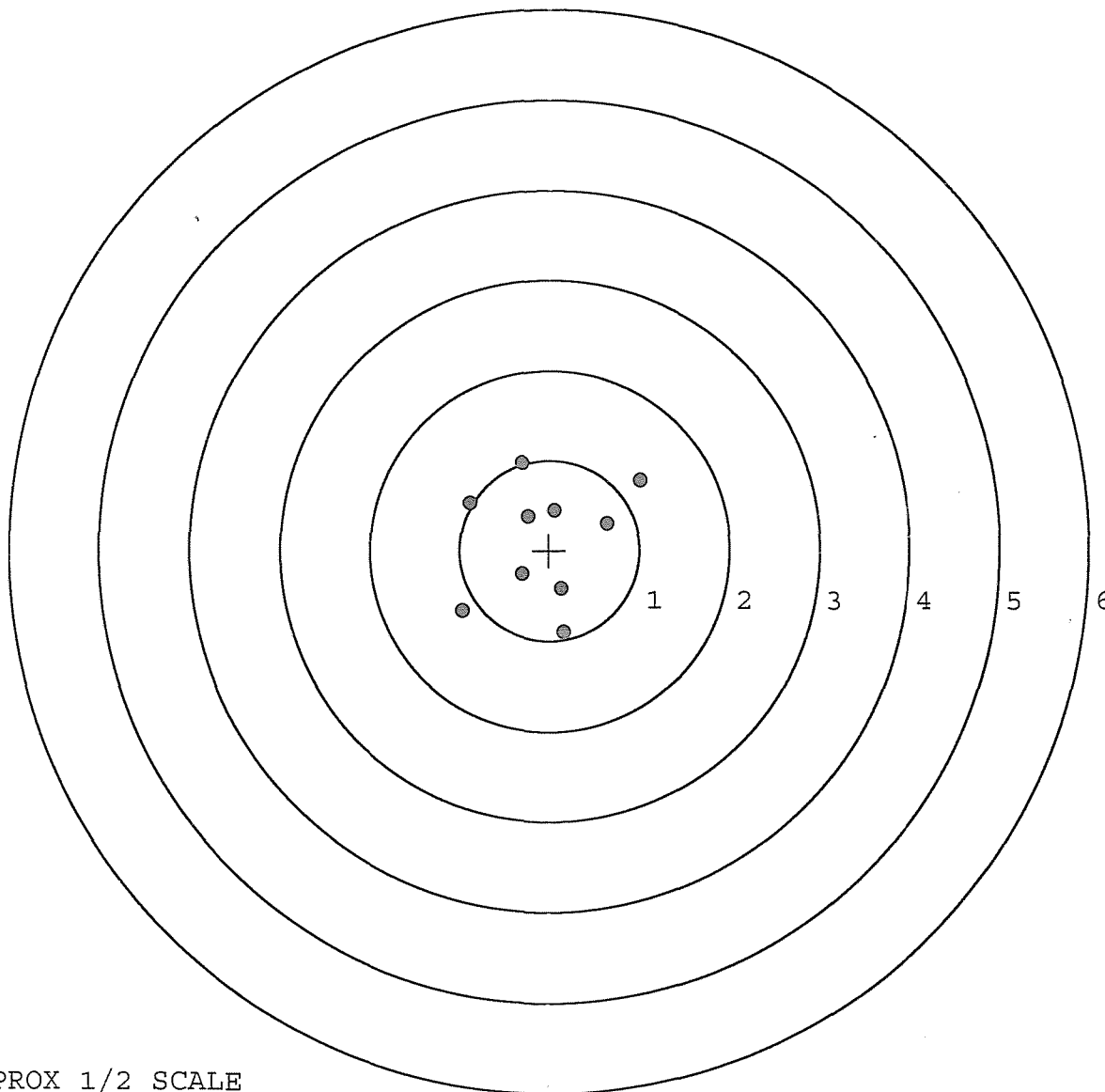


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461553.\_\_\_\_0  
 TARGET NUMBER: 3  
 FILE DATE: 10/11/2005  
 FILE TIME: 10:10

X CENTROID: -0.072  
 Y CENTROID: 0.110  
 POA TO CENTROID: 0.131  
 HORZ SPREAD: 1.973  
 VERT SPREAD: 1.876  
 GROUP SPREAD: 2.454  
 MIN RADIUS: 0.320  
 MAX RADIUS: 1.265  
 MEAN RADIUS: 0.775  
 # IN 1 IN DIAMETER: 3  
 # IN 2 IN DIAMETER: 7  
 # in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.166  | -0.909 |
| 2:     | -0.972 | -0.680 |
| 3:     | 0.137  | -0.433 |
| 4:     | -0.306 | -0.269 |
| 5:     | 0.638  | 0.299  |
| 6:     | 1.001  | 0.779  |
| 7:     | 0.058  | 0.444  |
| 8:     | -0.246 | 0.378  |
| 9:     | -0.308 | 0.967  |
| 10:    | -0.890 | 0.520  |

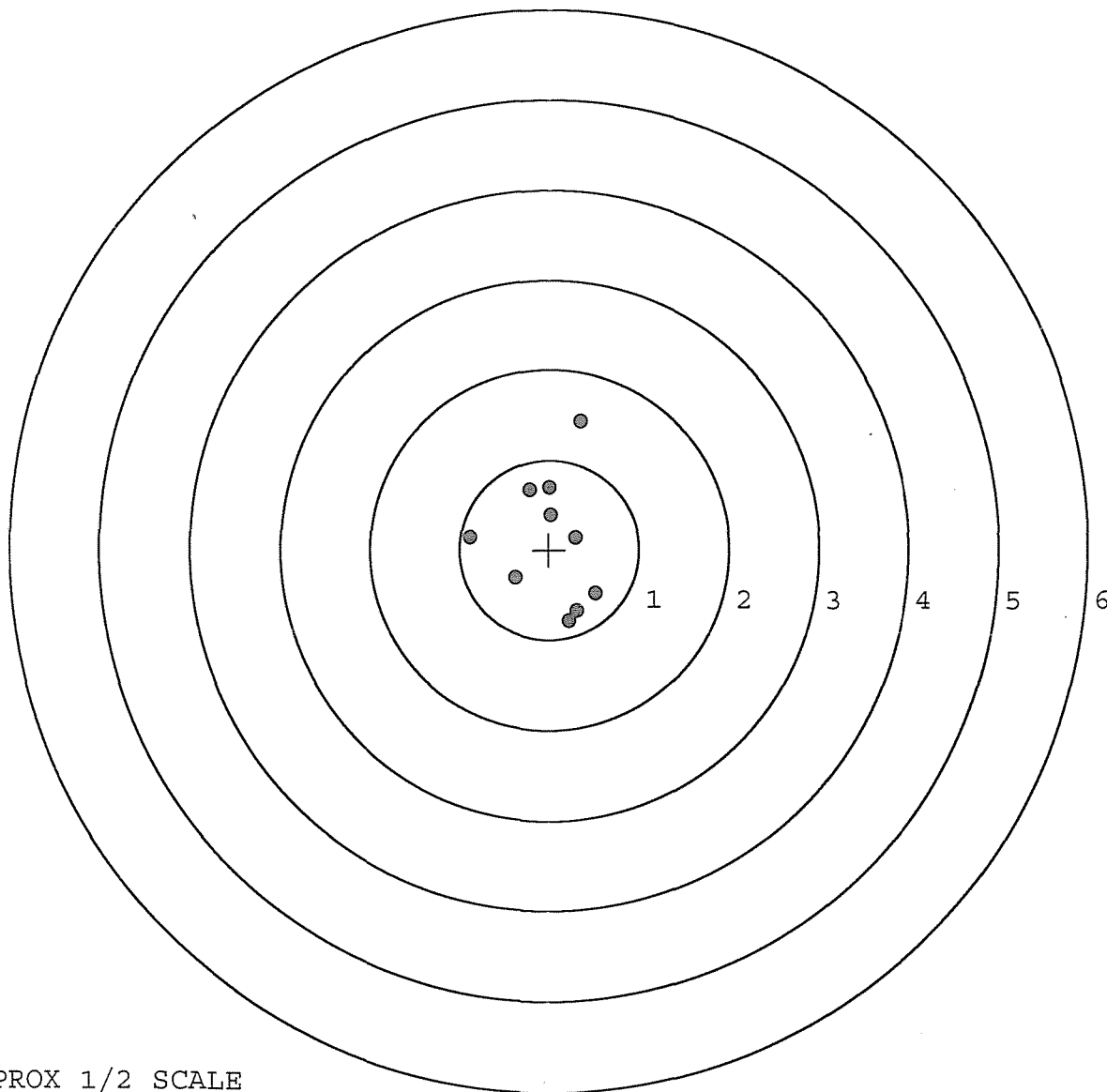


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461553. \_\_0  
TARGET NUMBER: 4  
FILE DATE: 10/11/2005  
FILE TIME: 10:10

X CENTROID: 0.022  
Y CENTROID: 0.118  
POA TO CENTROID: 0.120  
HORZ SPREAD: 1.403  
VERT SPREAD: 2.224  
GROUP SPREAD: 2.228  
MIN RADIUS: 0.272  
MAX RADIUS: 1.351  
MEAN RADIUS: 0.715  
# IN 1 IN DIAMETER: 2  
# IN 2 IN DIAMETER: 9  
# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.519  | -0.488 |
| 2:     | 0.310  | -0.683 |
| 3:     | 0.221  | -0.795 |
| 4:     | -0.378 | -0.316 |
| 5:     | 0.296  | 0.134  |
| 6:     | 0.015  | 0.390  |
| 7:     | -0.002 | 0.700  |
| 8:     | -0.224 | 0.671  |
| 9:     | -0.884 | 0.139  |
| 10:    | 0.351  | 1.429  |

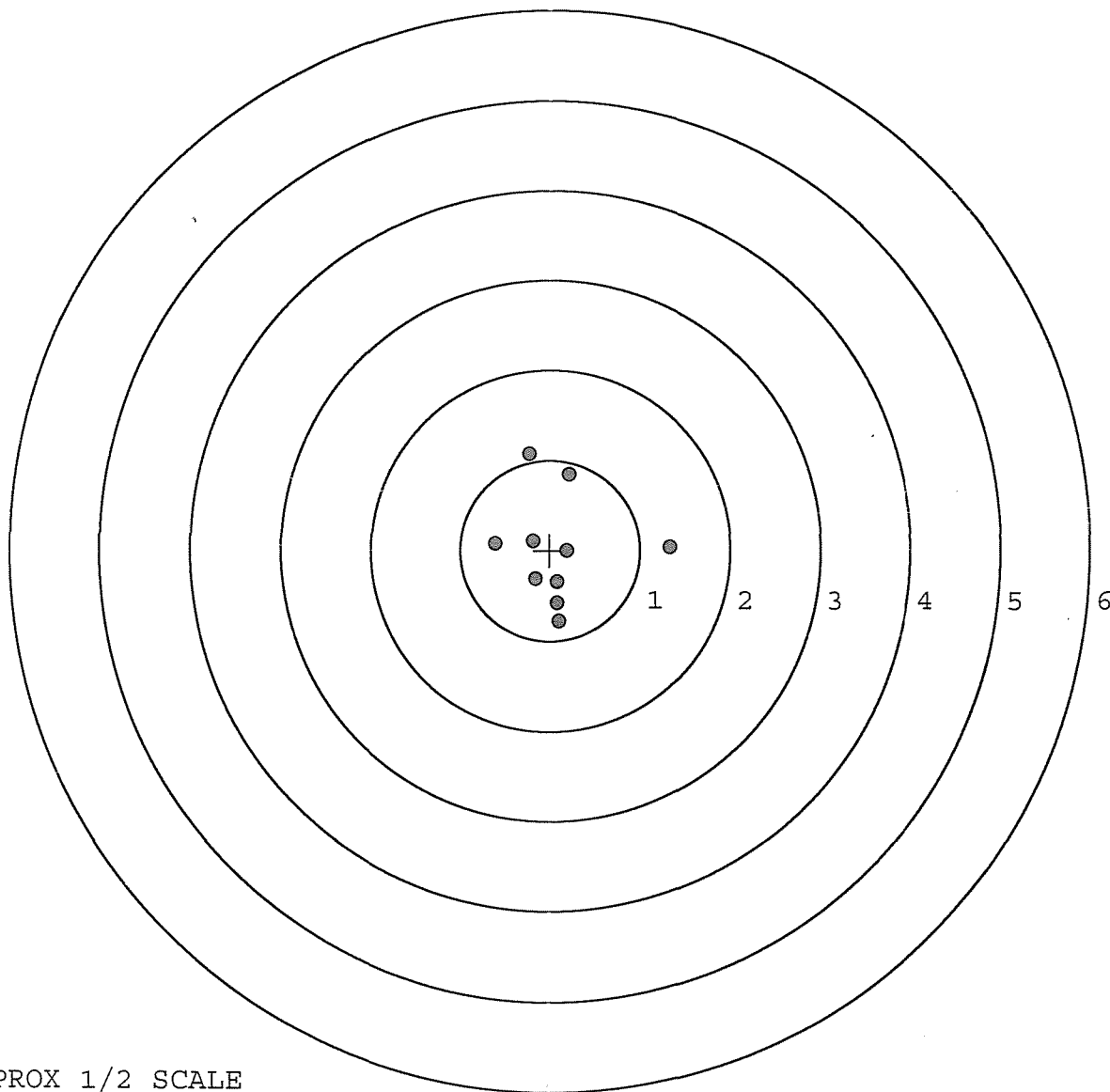


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461553. \_\_0  
TARGET NUMBER: 5  
FILE DATE: 10/11/2005  
FILE TIME: 10:10

X CENTROID: 0.080  
Y CENTROID: 0.006  
POA TO CENTROID: 0.080  
HORZ SPREAD: 1.943  
VERT SPREAD: 1.861  
GROUP SPREAD: 1.943  
MIN RADIUS: 0.113  
MAX RADIUS: 1.253  
MEAN RADIUS: 0.647  
# IN 1 IN DIAMETER: 4  
# IN 2 IN DIAMETER: 8  
# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.332  | 0.038  |
| 2:     | 0.211  | 0.844  |
| 3:     | -0.240 | 1.071  |
| 4:     | -0.611 | 0.075  |
| 5:     | 0.102  | -0.790 |
| 6:     | 0.082  | -0.587 |
| 7:     | 0.082  | -0.359 |
| 8:     | -0.161 | -0.324 |
| 9:     | 0.191  | -0.012 |
| 10:    | -0.190 | 0.104  |



TARGET APPROX 1/2 SCALE