

G-646 1690

**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 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



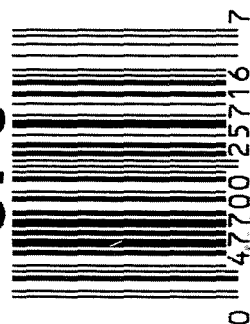
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

**G6461690**

**UPC**



4/7/2005 2:48:09 PM

Crib

27

Original

25716

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



.MA25716

Shop Order: SW5716 - APR



.ABSW5716 - APR

Start Date: 3/11/2005

Finish Date: 4/14/2005

0520

Goff Blast Barrel &amp; Rec Assembly,

78ROT01



0003858612

0540

Flat Black Powder Coat, Barrel and

01PC001



0003858602

0560

Reassemble Action.

89SWS1



0003858603

0690

Pack Rifle &amp; Stencil SWS Container

89SWS1



.OP0690

## INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G646 1690

| OP #         | OPERATION NAME                                                                                                                         | READINGS                            | DATE    | INITIAL |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|---------|---------|
| 575 &<br>580 | ASSEMBLE ACTION<br>AND STOCK                                                                                                           |                                     | 4-15-05 | RTZ     |
| 600          | PROOF                                                                                                                                  |                                     | 4-18-05 | Ac      |
| 607          | CHECK HEADSPACE                                                                                                                        | MAGNA-FLUX<br>INSPECTED             | 4-18-05 | X       |
| 610          | DIS-ASSEMBLE GUN                                                                                                                       |                                     | 4-18-05 | RTZ     |
| 612          | MAGNAFLUX BBL ACTION<br>MAGNAFLUX BOLT                                                                                                 | APR 20 2005<br>OPERATOR <u>B.J.</u> |         |         |
| 615          | ROLLMARK CALIBER                                                                                                                       |                                     | 4-21-05 | CW      |
| 617          | DRILL AND TAP<br>SIGHT HOLES                                                                                                           |                                     | 4-18-05 | TRW     |
| 620          | APPLY COATINGS<br>(BARREL ACTION)                                                                                                      |                                     | 5-6-05  | WJ      |
|              | (BOLT)                                                                                                                                 |                                     |         |         |
| 625          | FINAL ASSEMBLY                                                                                                                         |                                     |         |         |
|              | A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                                                                                                    |                                     | 5-16-05 | RTZ     |
|              | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD                                                                         |                                     | 5-16-05 | RTZ     |
|              | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                                                                                                 |                                     | 5-16-05 | RTZ     |
|              | D) OIL FIRING PIN ASSEMBLY                                                                                                             |                                     | 5-16-05 | 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> |                                     |         |         |

| OP #  | OPERATION NAME                                                           | READINGS                                                    | DATE    | INITIAL |
|-------|--------------------------------------------------------------------------|-------------------------------------------------------------|---------|---------|
| 625   | F) SAFETY ON FORCE <span>2 LBS MIN<br/>10 LBS MAX</span>                 | <u>6 lbs</u> <u>6 lbs</u> <u>6 lbs</u>                      | 5-31-05 | A       |
| CONT. | G) SAFETY OFF FORCE <span>2 LBS MIN</span>                               | <u>4 lbs</u> <u>4 lbs</u> <u>4 lbs</u>                      | 5-31-05 | A       |
|       | H) TRIGGER PULL TEST<br>AND RETAINABILITY                                |                                                             | 5-27-05 | A       |
|       | I) FIRING PIN INDENT <span>.020 MIN</span>                               | <u>.024</u> <u>.024</u> <u>.024</u>                         | 5-31-05 | A       |
|       | J) ASSEMBLE STOCK                                                        |                                                             | 5-16-05 | RT      |
|       | K) ASSEMBLE SWIVEL<br>STUDS                                              |                                                             | 5-31-05 | A       |
|       | L) ATTACH FRONT AND<br>REAR SIGHT ASSY'S                                 |                                                             | 5-16-05 | RT      |
|       | M) IRON SIGHT<br>ALIGNMENT                                               |                                                             | 5-16-05 | RT      |
|       | N) DETACH FRONT AND<br>REAR SIGHTS AND PLACE<br>IN NUMBERED CONTAINER    |                                                             | 5-16-05 | RT      |
| 640   | GALLERY TEST AND<br>TARGET                                               | <div>PASS</div> <div>FAIL</div>                             | 5-20-05 | TRW     |
|       | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
|       | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
|       | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
|       | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
| 645   | INSPECT FOR LIVE AMMO                                                    |                                                             | 5-20-05 | A       |
| 655   | FINAL INSPECTION<br>A) HEADSPACE                                         |                                                             | 5-31-05 | A       |
|       | B) TRIGGER PULL <span>+/- .5 LBS<br/>MIN 2.50 LBS<br/>MAX 4.0 LBS</span> | <u>2.73</u> <u>2.69</u> <u>2.62</u> <u>2.76</u> <u>2.78</u> | 5-27-05 | A       |
|       | C) FUNCTION                                                              |                                                             | 5-31-05 | A       |
| 660   | PACK                                                                     |                                                             | 6-1-05  | RT      |

## 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)

SERIAL NO.

DATE 5-2-05

TESTER TRW

|         | 2.50 LBS<br>INITIAL | 2.50 LBS AFTER<br>50 CYCLES | FINAL TEST & TO RESET<br>2.50 LBS |       | COMMENTS |
|---------|---------------------|-----------------------------|-----------------------------------|-------|----------|
| PULL #1 | 2.31                | 2.38                        |                                   | 2.11  |          |
| PULL #2 | 2.52                | 2.20                        |                                   | 2.07  |          |
| PULL #3 | 2.48                | 2.42                        |                                   | 2.05  |          |
| PULL #4 | 2.45                | 2.31                        |                                   | 2.07  |          |
| PULL #5 | 2.64                | 2.35                        |                                   | 2.07  |          |
| TOTAL   | 12.40               | 11.66                       |                                   | 10.37 |          |
| AVERAGE | 2.48                | 2.33                        |                                   | 2.07  |          |

|         | 3.00 LBS<br>INITIAL | 3.00 LBS AFTER<br>20 CYCLES |  | COMMENTS |
|---------|---------------------|-----------------------------|--|----------|
| PULL #1 | 3.28                | 3.16                        |  |          |
| PULL #2 | 3.20                | 3.09                        |  |          |
| PULL #3 | 3.22                | 3.15                        |  |          |
| PULL #4 | 3.14                | 3.08                        |  |          |
| PULL #5 | 3.05                | 2.93                        |  |          |
| TOTAL   | 15.89               | 15.41                       |  |          |
| AVERAGE | 3.17                | 3.08                        |  |          |

|         | 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 | 4.28                | 4.13                        |                                   | 4.18                                    |
| PULL #2 | 4.22                | 4.09                        |                                   | 4.12                                    |
| PULL #3 | 4.17                | 4.08                        |                                   | 4.15                                    |
| PULL #4 | 4.13                | 4.06                        |                                   | 4.18                                    |
| PULL #5 | 4.17                | 3.76                        |                                   | 4.14                                    |
| TOTAL   | 20.97               | 20.12                       |                                   | 20.77                                   |
| AVERAGE | 4.19                | 4.02                        |                                   | 4.15                                    |

## SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6461690.\_\_\_0  
FILE DATE AND TIME: 05/20/2005 06:32

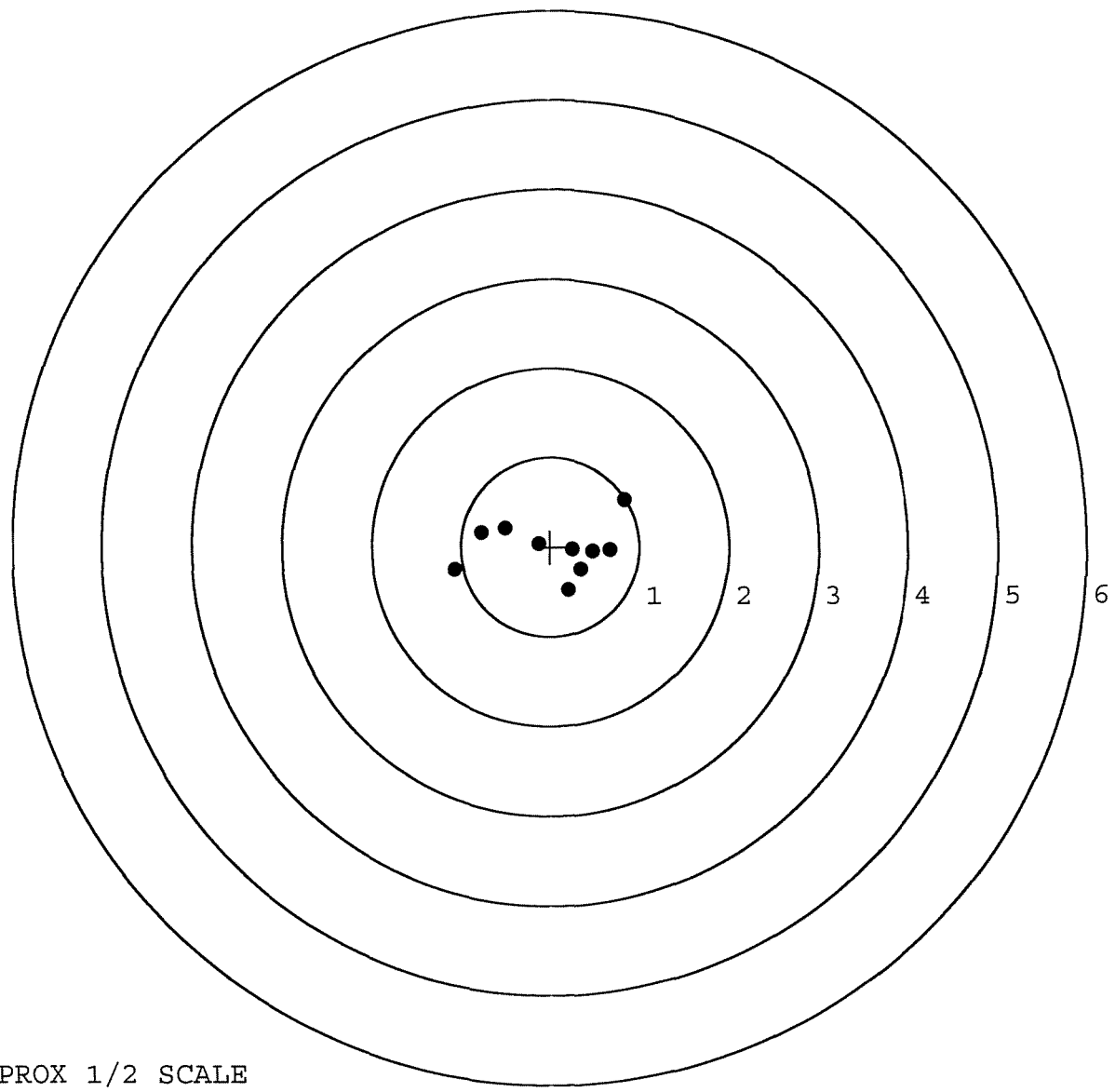
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |       |
|-------------------------------------------------------------|-------|
| The Average X Centroid of the Five Target Set:              | 0.034 |
| The Average Y Centroid of the Five Target Set:              | 0.014 |
| The Average Point of Impact of the Five Target Set:         | 0.037 |
| The Average Mean Radius of the Five Target Set:             | 0.825 |
| The Distance from POA to Centroid Target #1:                | 0.035 |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.672 |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.062 |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.241 |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.619 |

SERIAL NUMBER: 00461690. 0  
TARGET NUMBER: 1  
FILE DATE: 05/20/2005  
FILE TIME: 06:32

X CENTROID: 0.031  
Y CENTROID: -0.016  
POA TO CENTROID: 0.035  
HORZ SPREAD: 1.903  
VERT SPREAD: 1.007  
GROUP SPREAD: 2.053  
MIN RADIUS: 0.172  
MAX RADIUS: 1.123  
MEAN RADIUS: 0.587  
# IN 1 IN DIAMETER: 4  
# IN 2 IN DIAMETER: 9  
# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.836  | 0.521  |
| 2:     | 0.672  | -0.034 |
| 3:     | 0.475  | -0.052 |
| 4:     | 0.212  | -0.486 |
| 5:     | 0.341  | -0.253 |
| 6:     | 0.250  | -0.032 |
| 7:     | -0.132 | 0.039  |
| 8:     | -0.505 | 0.217  |
| 9:     | -0.771 | 0.170  |
| 10:    | -1.067 | -0.250 |

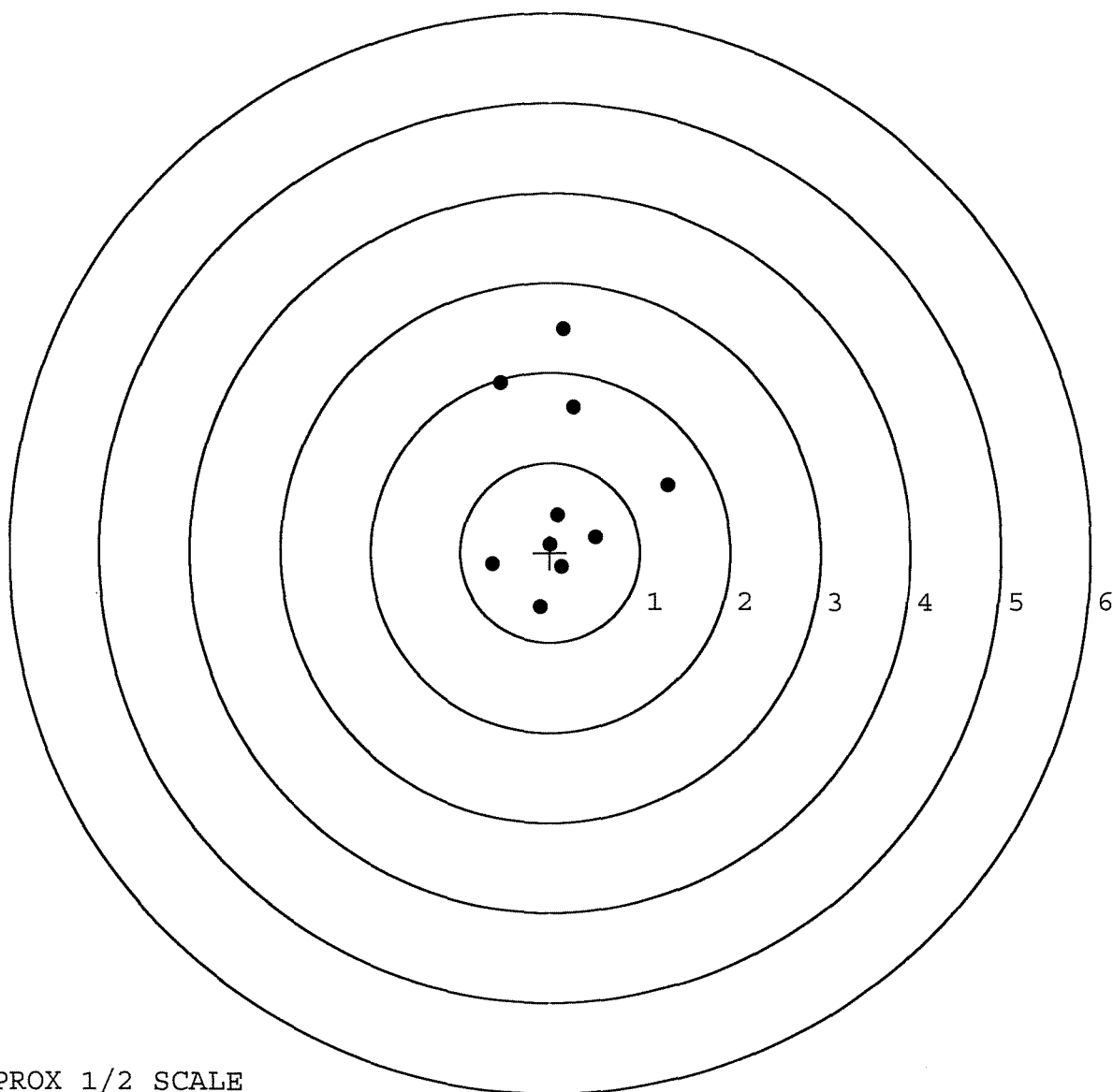


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461690. \_\_0  
 TARGET NUMBER: 2  
 FILE DATE: 05/20/2005  
 FILE TIME: 06:32

X CENTROID: 0.114  
 Y CENTROID: 0.651  
 POA TO CENTROID: 0.660  
 HORZ SPREAD: 1.952  
 VERT SPREAD: 3.097  
 GROUP SPREAD: 3.108  
 MIN RADIUS: 0.235  
 MAX RADIUS: 1.834  
 MEAN RADIUS: 1.001  
 # IN 1 IN DIAMETER: 1  
 # IN 2 IN DIAMETER: 5  
 # in 3 IN DIAMETER: 9

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.150  | 2.484  |
| 2:     | -0.549 | 1.884  |
| 3:     | 0.264  | 1.612  |
| 4:     | 1.309  | 0.745  |
| 5:     | 0.510  | 0.172  |
| 6:     | 0.080  | 0.418  |
| 7:     | 0.131  | -0.161 |
| 8:     | -0.111 | -0.613 |
| 9:     | -0.643 | -0.129 |
| 10:    | 0.003  | 0.093  |

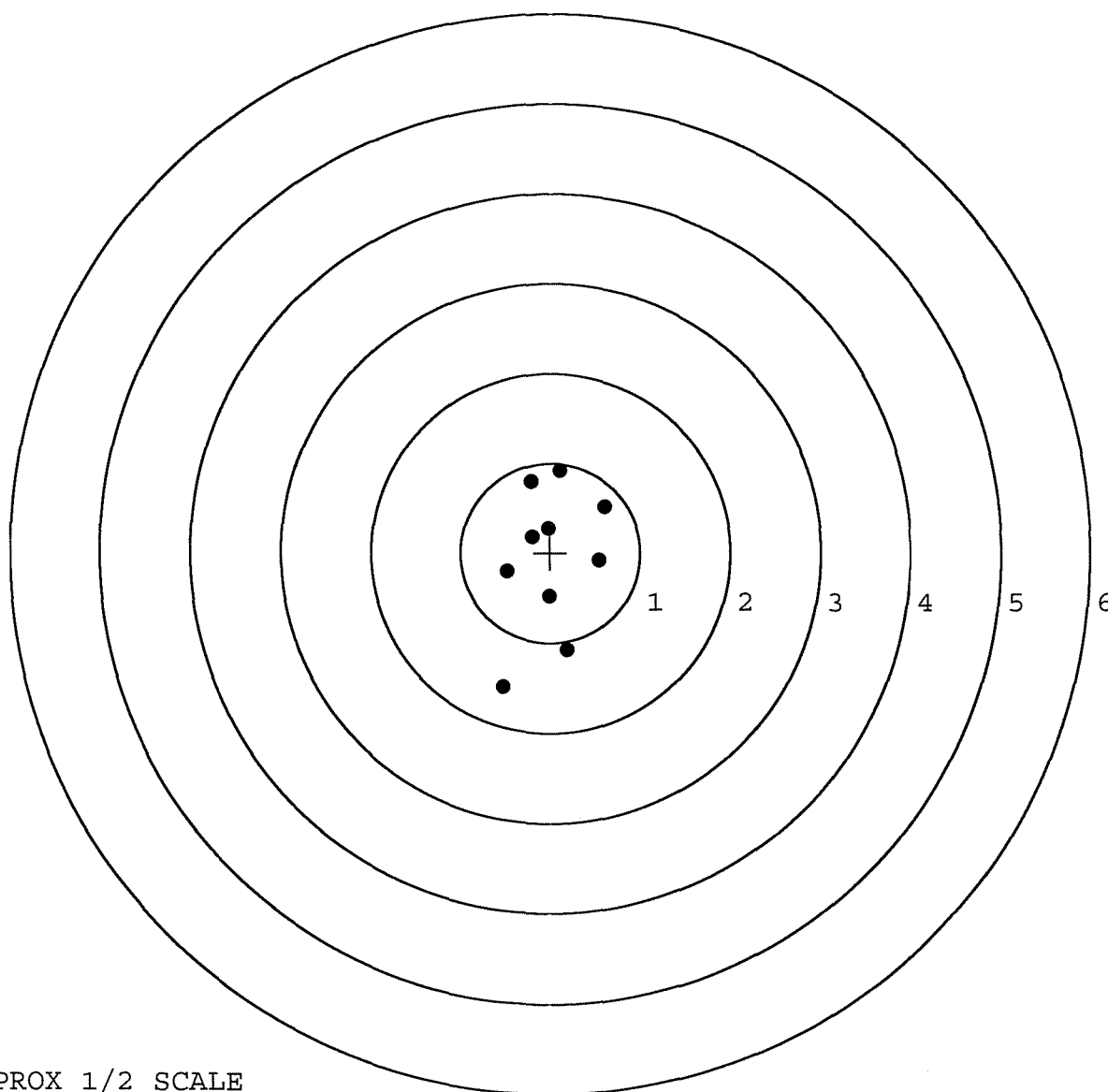


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461690. \_\_0  
 TARGET NUMBER: 3  
 FILE DATE: 05/20/2005  
 FILE TIME: 06:32

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.190  | -1.080 |
| 2:     | -0.522 | -1.491 |
| 3:     | -0.019 | -0.491 |
| 4:     | -0.482 | -0.208 |
| 5:     | 0.544  | -0.088 |
| 6:     | 0.604  | 0.516  |
| 7:     | 0.108  | 0.920  |
| 8:     | -0.217 | 0.797  |
| 9:     | -0.024 | 0.272  |
| 10:    | -0.205 | 0.174  |

X CENTROID: -0.002  
 Y CENTROID: -0.068  
 POA TO CENTROID: 0.068  
 HORZ SPREAD: 1.126  
 VERT SPREAD: 2.411  
 GROUP SPREAD: 2.492  
 MIN RADIUS: 0.316  
 MAX RADIUS: 1.515  
 MEAN RADIUS: 0.740  
 # IN 1 IN DIAMETER: 4  
 # IN 2 IN DIAMETER: 8  
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461690. \_\_ 0

TARGET NUMBER: 4

FILE DATE: 05/20/2005

FILE TIME: 06:32

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.175  | 2.004  |
| 2:     | -2.076 | -0.537 |
| 3:     | -0.092 | 0.482  |
| 4:     | -0.284 | 0.605  |
| 5:     | -0.513 | 0.091  |
| 6:     | -0.446 | -0.271 |
| 7:     | -0.019 | -0.583 |
| 8:     | 0.375  | -0.396 |
| 9:     | 0.353  | 0.033  |
| 10:    | 0.818  | -0.268 |

X CENTROID: -0.171

Y CENTROID: 0.116

POA TO CENTROID: 0.207

HORZ SPREAD: 2.894

VERT SPREAD: 2.587

GROUP SPREAD: 3.395

MIN RADIUS: 0.343

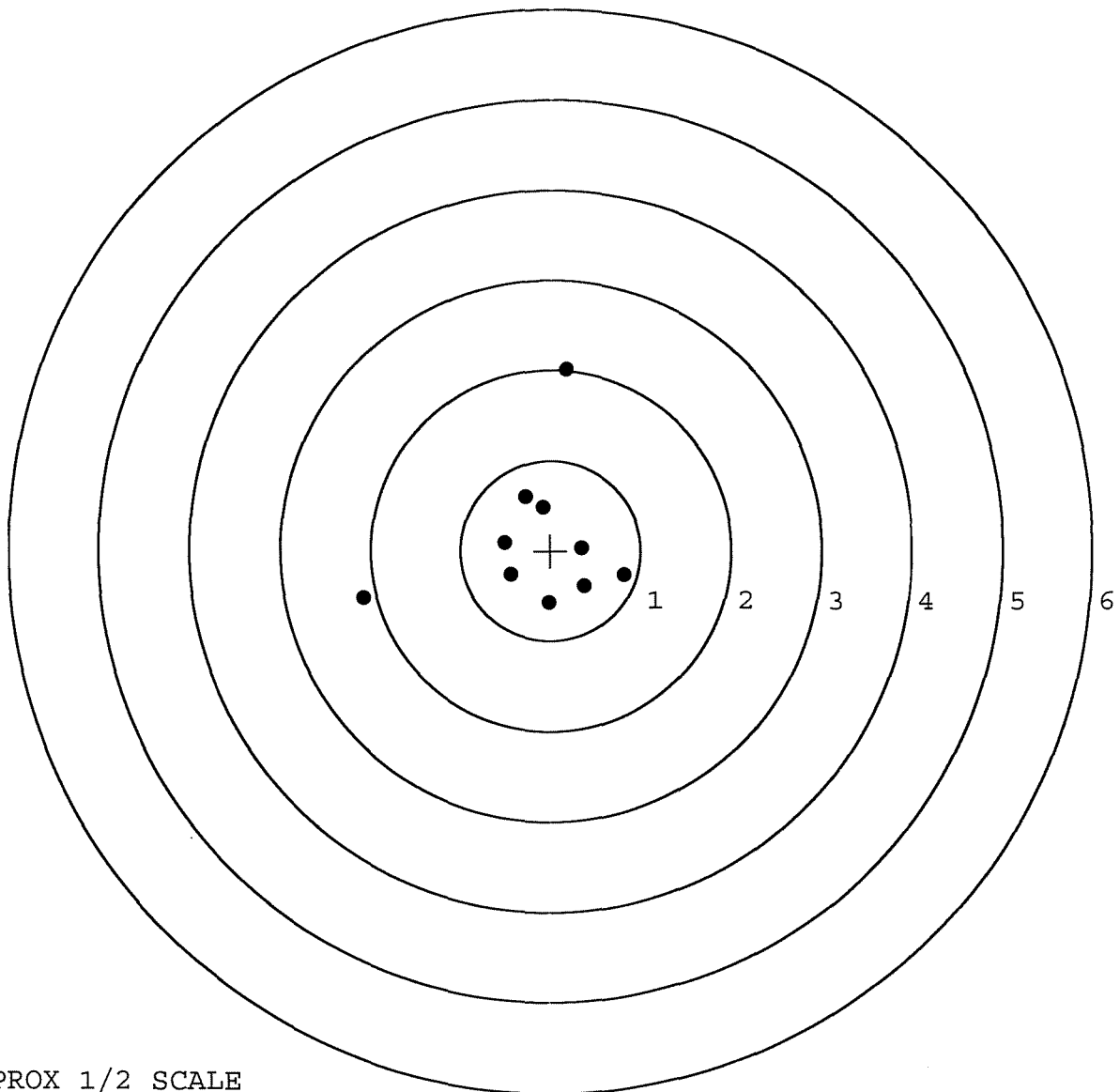
MAX RADIUS: 2.014

MEAN RADIUS: 0.868

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 7

# in 3 IN DIAMETER: 8

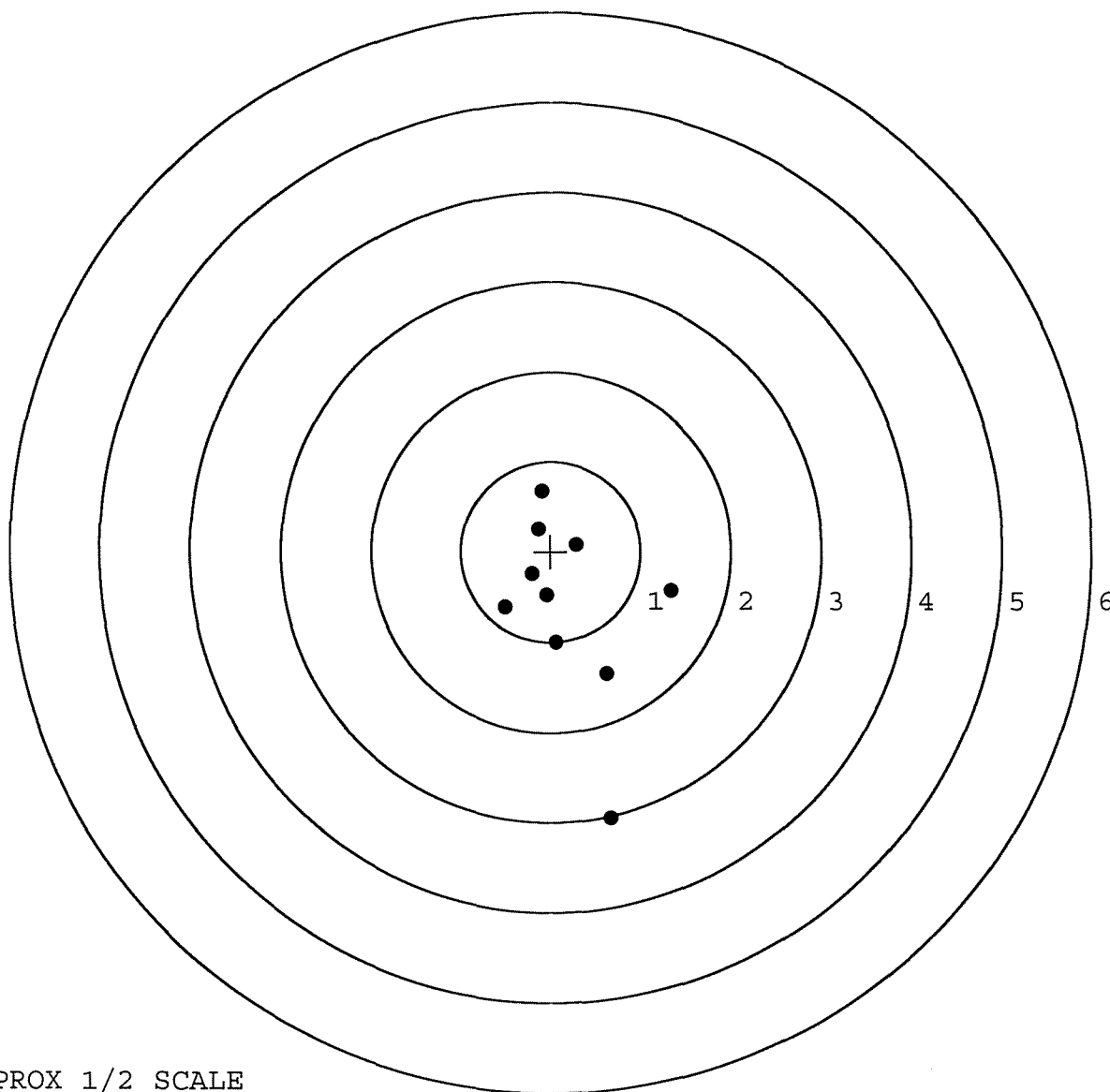


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461690. \_\_0  
 TARGET NUMBER: 5  
 FILE DATE: 05/20/2005  
 FILE TIME: 06:32

X CENTROID: 0.198  
 Y CENTROID: -0.612  
 POA TO CENTROID: 0.643  
 HORZ SPREAD: 1.848  
 VERT SPREAD: 3.627  
 GROUP SPREAD: 3.708  
 MIN RADIUS: 0.277  
 MAX RADIUS: 2.393  
 MEAN RADIUS: 0.928  
 # IN 1 IN DIAMETER: 2  
 # IN 2 IN DIAMETER: 7  
 # in 3 IN DIAMETER: 9

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.622  | -1.347 |
| 2:     | 1.339  | -0.443 |
| 3:     | 0.060  | -1.009 |
| 4:     | -0.050 | -0.487 |
| 5:     | 0.293  | 0.077  |
| 6:     | -0.136 | 0.250  |
| 7:     | -0.101 | 0.669  |
| 8:     | -0.212 | -0.252 |
| 9:     | -0.509 | -0.617 |
| 10:    | 0.669  | -2.958 |



TARGET APPROX 1/2 SCALE