

G-646 1649

**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



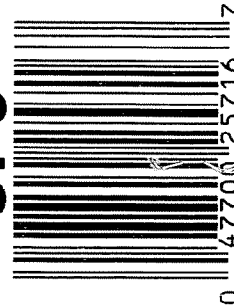
**ORDER NO. 25716**

**BARREL LENGTH 24"**

**CAPACITY 6**

**G6461649**

**UPC**



**ORDER 25716**

M/24 7.62 NATO S.W.S. (COMPLETE SYSTE

**UPC**



0 47700 25716 7

**ORDER 25716**

M/24 7.62 NATO S.W.S. (COMPLETE SYSTE

**UPC**



0 47700 25716 7

SERIAL NO.



66461649

M-24  
INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G60461649

| OP #         | OPERATION NAME                                                                                                                         | READINGS | DATE     | INITIAL |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------|----------|----------|---------|
| 420 &<br>430 | ASSEMBLE ACTION<br>ASSEMBLE TO STOCK                                                                                                   |          | 8-11-05  | RTZ     |
| 440          | PROOF                                                                                                                                  |          | 8-12-05  | Ac      |
| 460          | CHECK HEADSPACE                                                                                                                        |          | 8-12-05  | Ac      |
| 470          | DIS-ASSEMBLE ACTION                                                                                                                    |          | 8-15-05  | RTZ     |
| 480 &<br>490 | MAGNAFLUX BBL ACTION<br>MAGNAFLUX BOLT                                                                                                 |          | SEP      | 10      |
| 500          | ROLLMARK CALIBER                                                                                                                       |          | 9-8-05   | CW      |
| 510          | DRILL AND TAP<br>SIGHT HOLES                                                                                                           |          | 9-7-05   | TRW     |
| 520          | GOFF BLAST BBL / REC                                                                                                                   |          | 9-9-05   | LB      |
| 530 &<br>540 | APPLY COATINGS<br>(BARREL ACTION)                                                                                                      |          | 9/12/05  | WJ      |
|              | (BOLT)                                                                                                                                 |          |          |         |
| 560          | RE-ASSEMBLE ACTION<br>A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                                                                              |          | 10-6-05  | MTM     |
|              | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD                                                                         |          | 10-6-05  | MTM     |
|              | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                                                                                                 |          | 10-6-05  | MTM     |
|              | D) OIL FIRING PIN ASSEMBLY                                                                                                             |          | 10-10-05 | 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> |          | 10/26/05 | RA      |
| REV-8405     |                                                                                                                                        |          |          |         |

| OP #         | OPERATION NAME                                                           | READINGS                                                | DATE     | INITIAL |
|--------------|--------------------------------------------------------------------------|---------------------------------------------------------|----------|---------|
| 560          | F) SAFETY ON FORCE <span>2 LBS MIN<br/>10 LBS MAX</span>                 | <u>516</u> <u>516</u> <u>516</u>                        | 10-17-05 | BC      |
| CONT.        |                                                                          |                                                         |          |         |
|              | G) SAFETY OFF FORCE <span>2 LBS MIN</span>                               | <u>216</u> <u>216</u> <u>216</u>                        | 10-17-05 | BC      |
|              | H) TRIGGER PULL TEST<br>AND RETAINABILITY                                |                                                         |          |         |
|              | I) FIRING PIN INDENT <span>.020 MIN</span>                               | <u>.024</u> <u>.024</u> <u>.025</u>                     | 10-17-05 | BC      |
|              | J) ASSEMBLE STOCK                                                        |                                                         | 10-10-05 | RT      |
|              | K) ASSEMBLE SWIVEL<br>STUDS                                              |                                                         | 10-17-05 | BC      |
|              | L) ATTACH FRONT AND<br>REAR SIGHT ASSY'S                                 |                                                         | 10-13-05 | AC      |
|              | M) IRON SIGHT<br>ALIGNMENT                                               |                                                         | 10-13-05 | AC      |
|              | N) DETACH FRONT AND<br>REAR SIGHTS AND PLACE<br>IN NUMBERED CONTAINER    |                                                         | 10-13-05 | AC      |
| 640 &<br>650 | FUNCTION TEST AND<br>TARGET                                              | PASS FAIL<br>PASS FAIL                                  | 10-14-05 | TRW     |
|              | MALFUNCTION                                                              | CORRECTION                                              |          |         |
|              | MALFUNCTION                                                              | CORRECTION                                              |          |         |
|              | MALFUNCTION                                                              | CORRECTION                                              |          |         |
|              | MALFUNCTION                                                              | CORRECTION                                              |          |         |
| 660          | INSPECT FOR LIVE AMMO                                                    |                                                         | 10/14/05 | ST      |
| 670          | FINAL INSPECTION<br>A) HEADSPACE                                         |                                                         | 10-17-05 | BC      |
|              | B) TRIGGER PULL <span>+/- .5 LBS<br/>MIN 2.50 LBS<br/>MAX 4.0 LBS</span> | <u>281</u> <u>281</u> <u>258</u> <u>2.61</u> <u>282</u> | 10-14-05 | TRW     |
|              | C) FUNCTION                                                              |                                                         | 10-17-05 | BC      |
| 690          | PACK                                                                     |                                                         |          |         |

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 10-4-05

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 | 2.60                | 2.19                        |                                   | 2.26  |          |
| PULL #2 | 2.56                | 2.37                        |                                   | 2.18  |          |
| PULL #3 | 2.53                | 2.18                        |                                   | 2.19  |          |
| PULL #4 | 2.37                | 2.20                        |                                   | 2.61  |          |
| PULL #5 | 2.53                | 2.33                        |                                   | 2.70  |          |
| TOTAL   | 12.59               | 11.27                       |                                   | 11.94 |          |
| AVERAGE | 2.51                | 2.25                        |                                   | 2.38  |          |

|         | 3.00 LBS<br>INITIAL | 3.00 LBS AFTER<br>20 CYCLES |  | COMMENTS |
|---------|---------------------|-----------------------------|--|----------|
| PULL #1 | 3.23                | 2.96                        |  |          |
| PULL #2 | 3.32                | 3.04                        |  |          |
| PULL #3 | 2.97                | 2.81                        |  |          |
| PULL #4 | 2.91                | 2.90                        |  |          |
| PULL #5 | 3.17                | 2.74                        |  |          |
| TOTAL   | 15.60               | 14.45                       |  |          |
| AVERAGE | 3.12                | 2.89                        |  |          |

|         | 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 | 4.24                | 4.12                        |                                   | 4.12                                    |
| PULL #2 | 4.28                | 4.02                        |                                   | 4.40                                    |
| PULL #3 | 4.18                | 4.03                        |                                   | 4.36                                    |
| PULL #4 | 4.29                | 4.34                        |                                   | 4.44                                    |
| PULL #5 | 3.93                | 3.87                        |                                   | 4.38                                    |
| TOTAL   | 20.92               | 20.38                       |                                   | 21.70                                   |
| AVERAGE | 4.18                | 4.07                        |                                   | 4.34                                    |

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6461649.\_\_0  
FILE DATE AND TIME: 10/14/2005 09:57

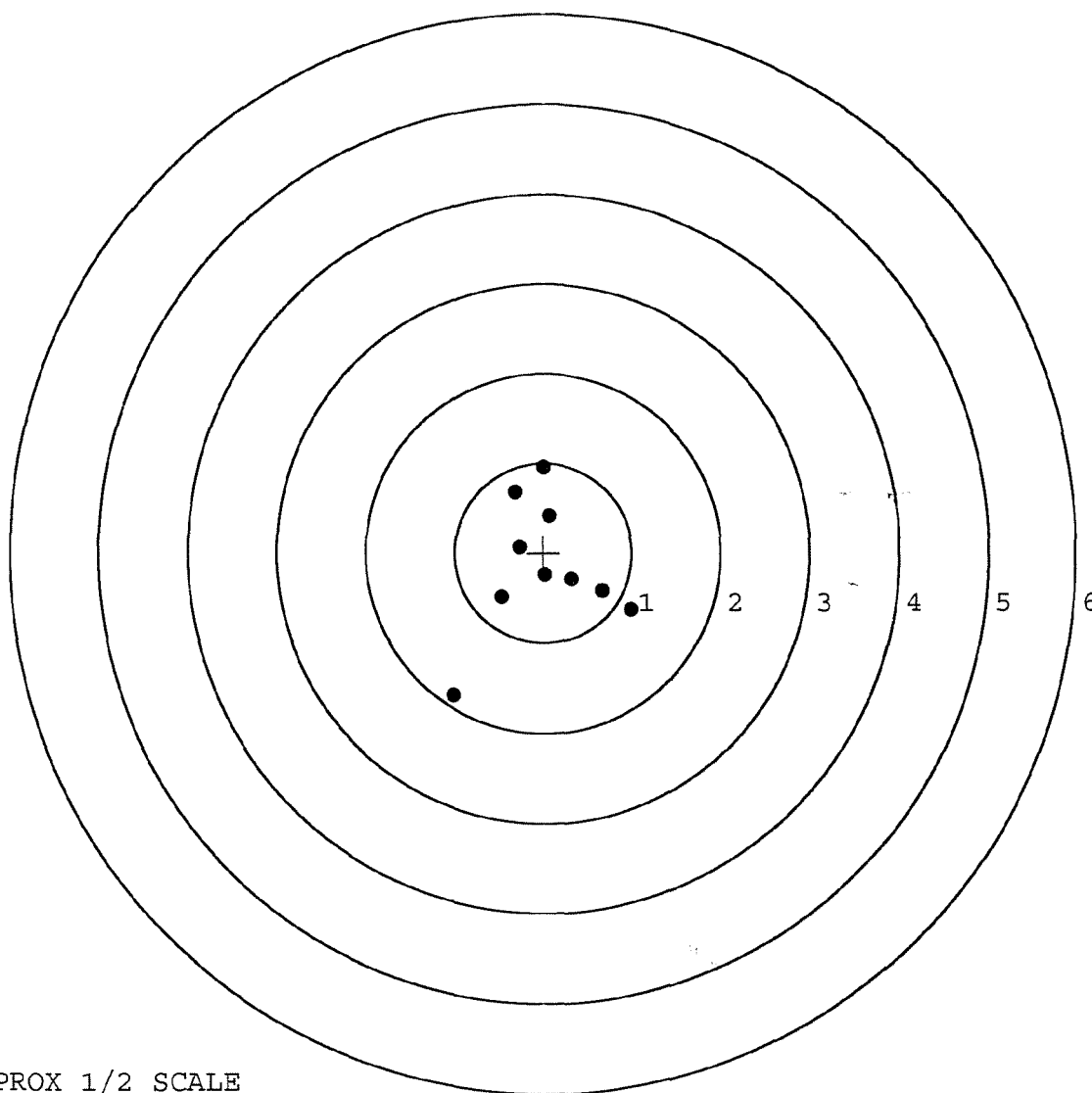
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.023 |
| The Average Y Centroid of the Five Target Set:              | -0.036 |
| The Average Point of Impact of the Five Target Set:         | 0.042  |
| The Average Mean Radius of the Five Target Set:             | 0.936  |
| The Distance from POA to Centroid Target #1:                | 0.159  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.173  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.278  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.315  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.105  |

SERIAL NUMBER: G6461649. 0  
TARGET NUMBER: 1  
FILE DATE: 10/14/2005  
FILE TIME: 09:57

X CENTROID: -0.004  
Y CENTROID: -0.159  
POA TO CENTROID: 0.159  
HORZ SPREAD: 2.013  
VERT SPREAD: 2.538  
GROUP SPREAD: 2.736  
MIN RADIUS: 0.096  
MAX RADIUS: 1.753  
MEAN RADIUS: 0.753  
# IN 1 IN DIAMETER: 3  
# IN 2 IN DIAMETER: 7  
# in 3 IN DIAMETER: 9

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -1.020 | -1.587 |
| 2:     | 0.993  | -0.638 |
| 3:     | 0.666  | -0.420 |
| 4:     | 0.319  | -0.298 |
| 5:     | 0.014  | -0.253 |
| 6:     | -0.474 | -0.495 |
| 7:     | -0.273 | 0.066  |
| 8:     | 0.061  | 0.413  |
| 9:     | -0.325 | 0.674  |
| 10:    | 0.001  | 0.951  |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461649. \_\_0

TARGET NUMBER: 2

FILE DATE: 10/14/2005

FILE TIME: 09:57

X CENTROID: -0.107

Y CENTROID: -0.020

POA TO CENTROID: 0.109

HORZ SPREAD: 1.831

VERT SPREAD: 3.572

GROUP SPREAD: 3.626

MIN RADIUS: 0.723

MAX RADIUS: 1.988

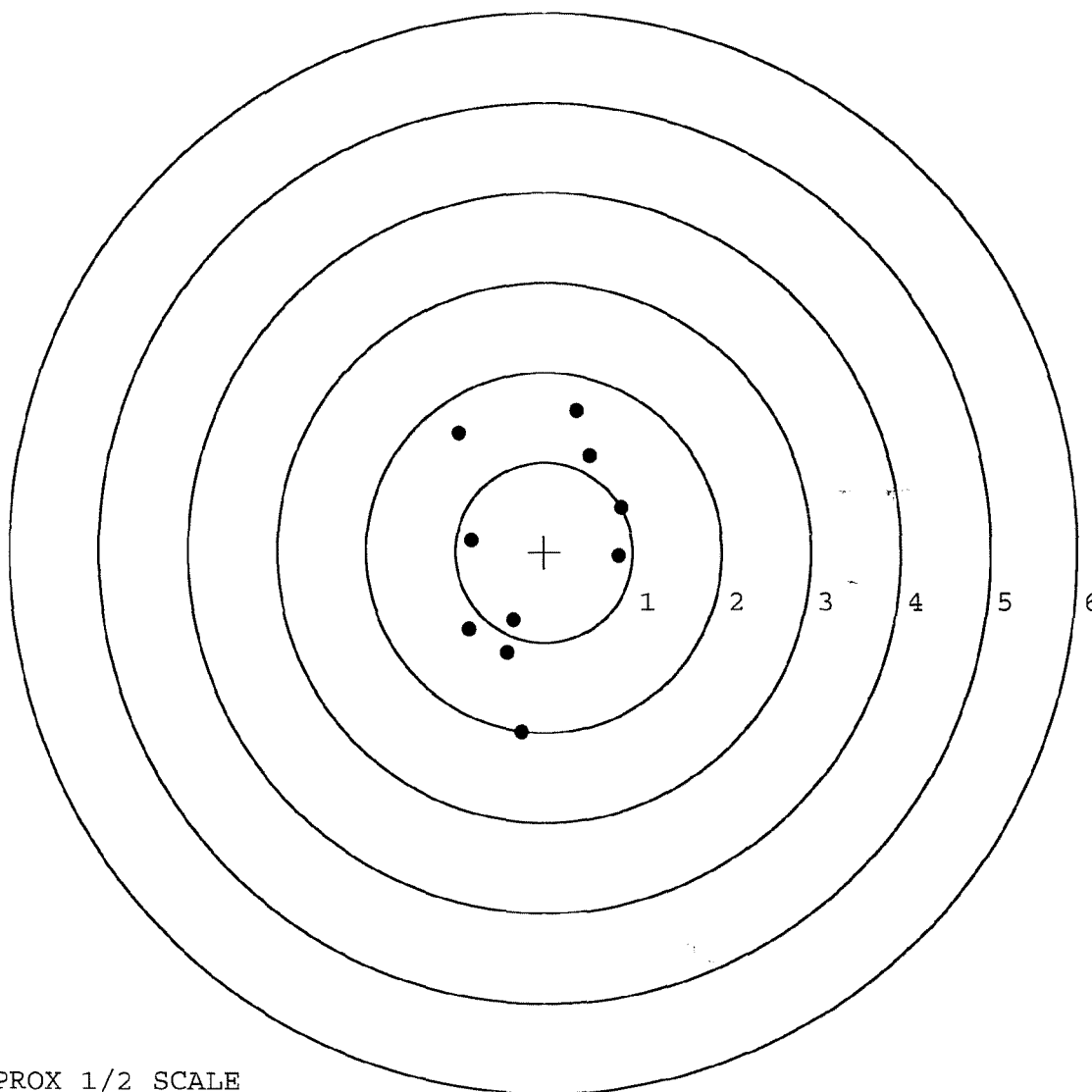
MEAN RADIUS: 1.232

# IN 1 IN DIAMETER: 0

# IN 2 IN DIAMETER: 3

# in 3 IN DIAMETER: 7

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.843  | -0.044 |
| 2:     | 0.867  | 0.495  |
| 3:     | 0.514  | 1.075  |
| 4:     | 0.362  | 1.570  |
| 5:     | -0.964 | 1.322  |
| 6:     | -0.814 | 0.130  |
| 7:     | -0.352 | -0.759 |
| 8:     | -0.844 | -0.865 |
| 9:     | -0.424 | -1.120 |
| 10:    | -0.260 | -2.002 |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461649. 0

TARGET NUMBER: 3

FILE DATE: 10/14/2005

FILE TIME: 09:57

X CENTROID: -0.062

Y CENTROID: 0.113

POA TO CENTROID: 0.129

HORZ SPREAD: 2.769

VERT SPREAD: 2.707

GROUP SPREAD: 3.509

MIN RADIUS: 0.098

MAX RADIUS: 1.849

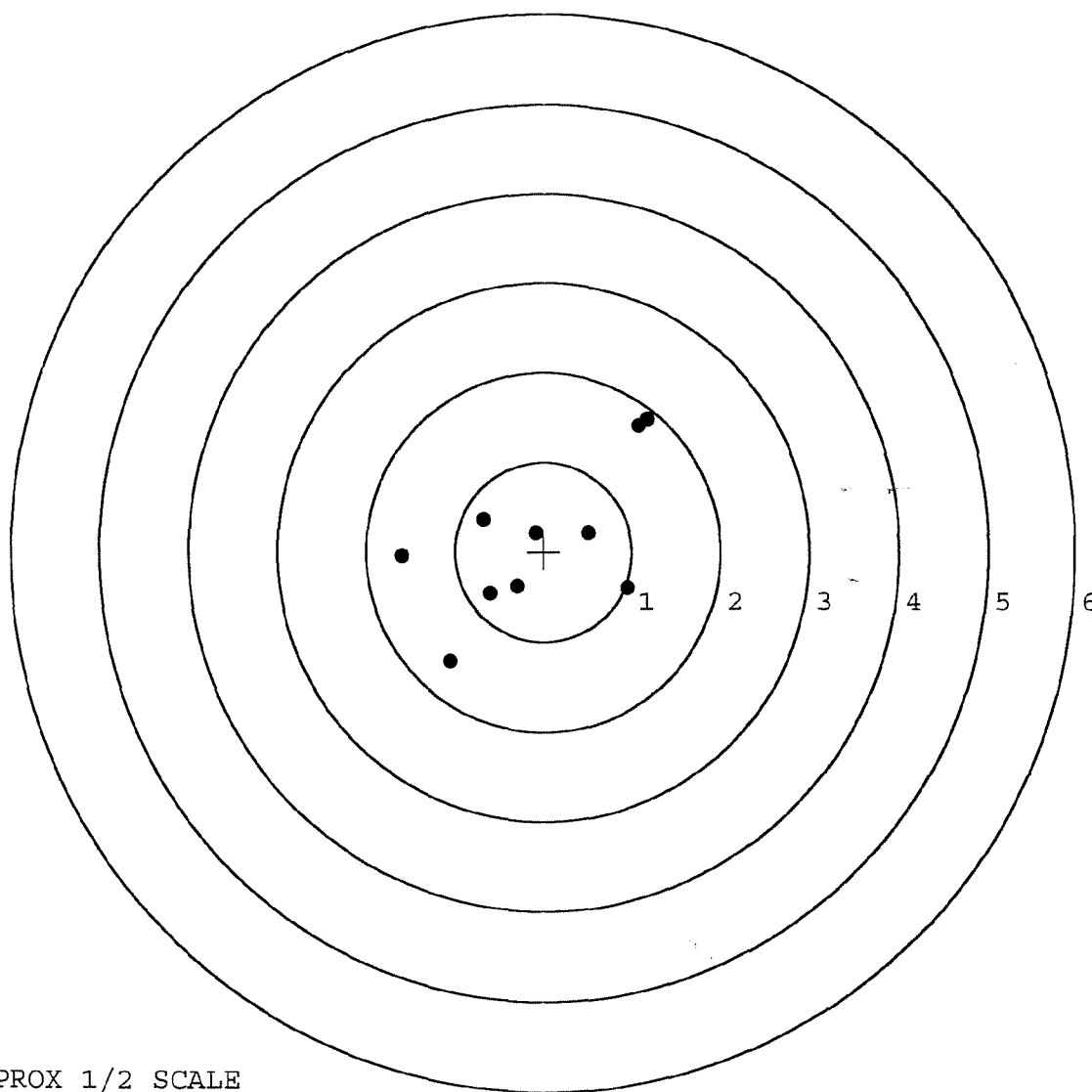
MEAN RADIUS: 1.062

# IN 1 IN DIAMETER: 1

# IN 2 IN DIAMETER: 5

# in 3 IN DIAMETER: 6

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -1.057 | -1.221 |
| 2:     | -0.612 | -0.473 |
| 3:     | -0.303 | -0.393 |
| 4:     | 0.949  | -0.401 |
| 5:     | 0.508  | 0.218  |
| 6:     | -0.088 | 0.207  |
| 7:     | -0.681 | 0.356  |
| 8:     | -1.594 | -0.059 |
| 9:     | 1.078  | 1.408  |
| 10:    | 1.175  | 1.486  |

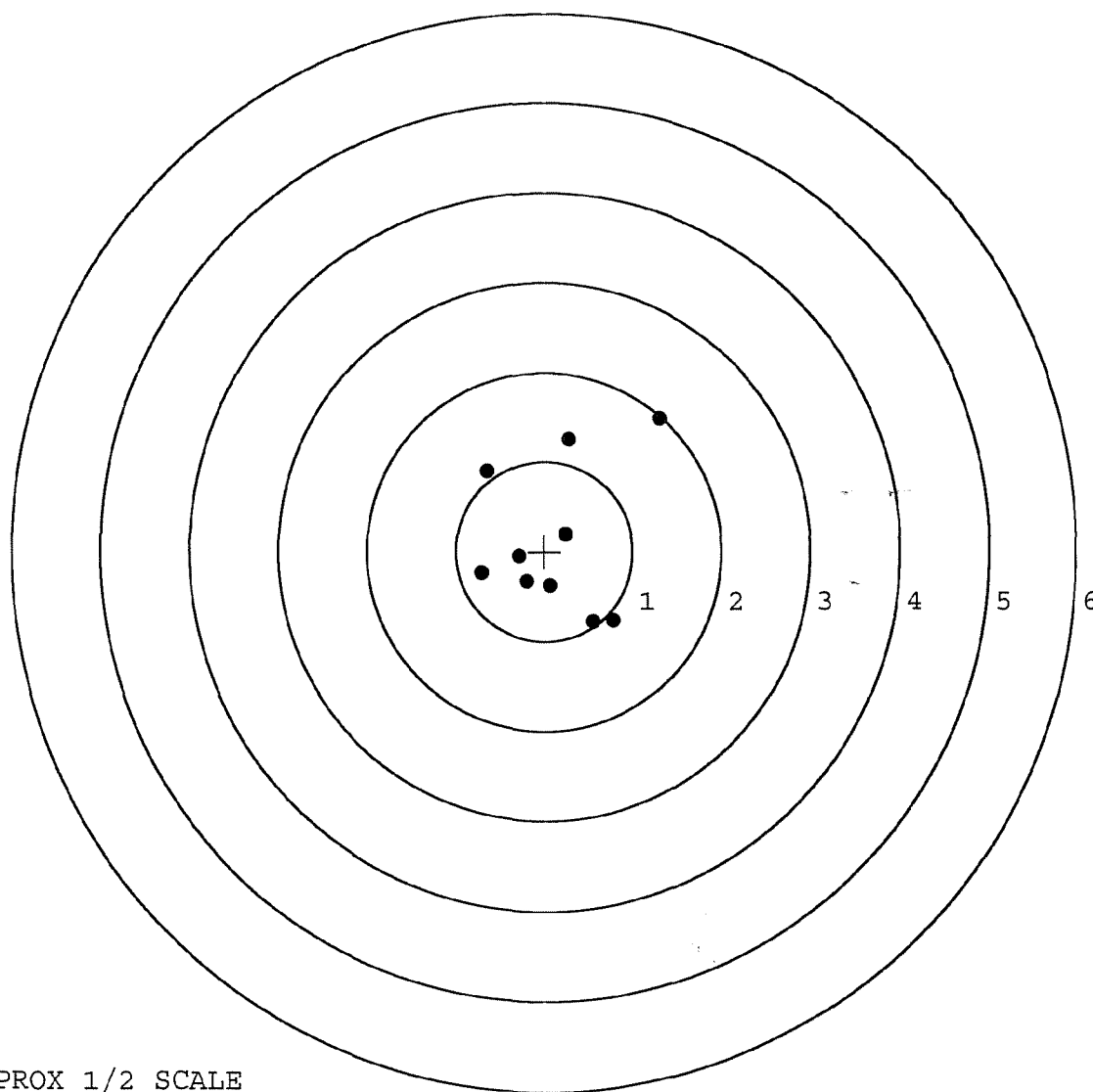


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461649. 0  
TARGET NUMBER: 4  
FILE DATE: 10/14/2005  
FILE TIME: 09:57

X CENTROID: 0.136  
Y CENTROID: 0.124  
POA TO CENTROID: 0.184  
HORZ SPREAD: 2.015  
VERT SPREAD: 2.265  
GROUP SPREAD: 2.653  
MIN RADIUS: 0.121  
MAX RADIUS: 1.793  
MEAN RADIUS: 0.871  
# IN 1 IN DIAMETER: 2  
# IN 2 IN DIAMETER: 6  
# in 3 IN DIAMETER: 9

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.775  | -0.772 |
| 2:     | 0.547  | -0.782 |
| 3:     | 1.306  | 1.483  |
| 4:     | 0.277  | 1.247  |
| 5:     | -0.649 | 0.891  |
| 6:     | 0.238  | 0.189  |
| 7:     | 0.065  | -0.386 |
| 8:     | -0.203 | -0.336 |
| 9:     | -0.287 | -0.055 |
| 10:    | -0.709 | -0.242 |

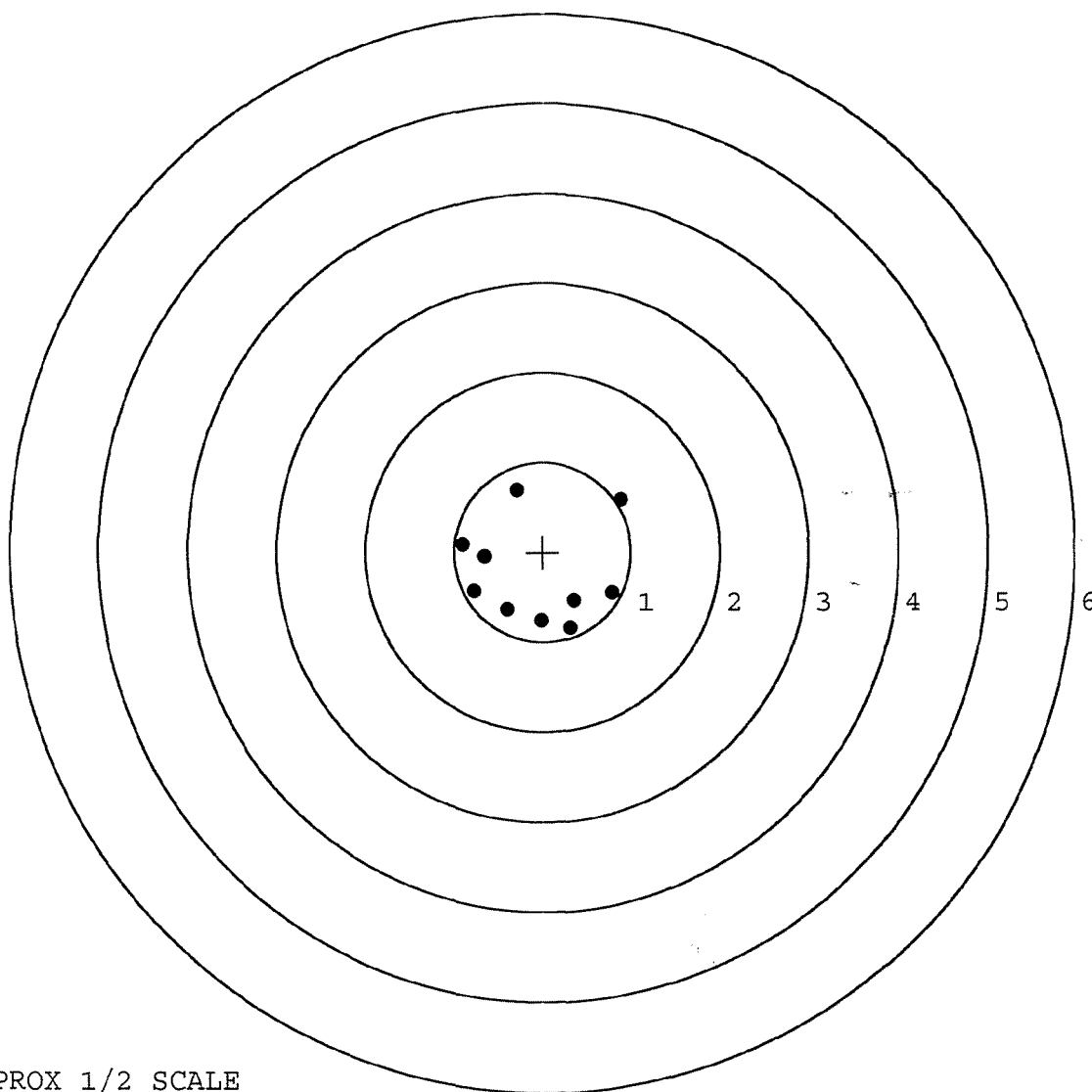


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461649. 0  
TARGET NUMBER: 5  
FILE DATE: 10/14/2005  
FILE TIME: 09:57

X CENTROID: -0.075  
Y CENTROID: -0.236  
POA TO CENTROID: 0.248  
HORZ SPREAD: 1.784  
VERT SPREAD: 1.534  
GROUP SPREAD: 1.950  
MIN RADIUS: 0.521  
MAX RADIUS: 1.263  
MEAN RADIUS: 0.763  
# IN 1 IN DIAMETER: 0  
# IN 2 IN DIAMETER: 9  
# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.881  | 0.589  |
| 2:     | -0.299 | 0.690  |
| 3:     | -0.903 | 0.089  |
| 4:     | -0.658 | -0.052 |
| 5:     | 0.781  | -0.449 |
| 6:     | 0.351  | -0.536 |
| 7:     | 0.311  | -0.844 |
| 8:     | -0.026 | -0.769 |
| 9:     | -0.412 | -0.640 |
| 10:    | -0.777 | -0.438 |



TARGET APPROX 1/2 SCALE