

G6414378

**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



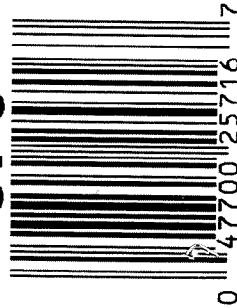
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

**G6414378**

**UPC**



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

**UPC**



0 47700 25716 7

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**UPC**



0 47700 25716 7

SERIAL NO.



66414378

M-24  
INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6414378

| OP #         | OPERATION NAME                                                                                                                         | READINGS | DATE     | INITIAL |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------|----------|----------|---------|
| 575 &<br>580 | ASSEMBLE ACTION<br>AND STOCK                                                                                                           |          | 10-19-04 | RTL     |
| 600          | PROOF                                                                                                                                  |          |          |         |
| 607          | CHECK HEADSPACE                                                                                                                        |          |          |         |
| 610          | DIS-ASSEMBLE GUN                                                                                                                       |          |          |         |
| 612          | MAGNAFLUX BBL ACTION<br>MAGNAFLUX BOLT                                                                                                 |          |          |         |
| 615          | ROLLMARK CALIBER                                                                                                                       |          | 10/27/04 | JS      |
| 617          | DRILL AND TAP<br>SIGHT HOLES                                                                                                           |          | 10-22-04 | TRW     |
| 620          | APPLY COATINGS<br>(BARREL ACTION)                                                                                                      |          | 10/30    | HP      |
|              | (BOLT)                                                                                                                                 |          |          |         |
| 625          | FINAL ASSEMBLY<br>A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                                                                                  |          | 11-5-04  | RTL     |
|              | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD                                                                         |          | 11-5-04  | RTL     |
|              | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                                                                                                 |          | 11-5-04  | RTL     |
|              | D) OIL FIRING PIN ASSEMBLY                                                                                                             |          | 11-5-04  | RTL     |
|              | 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. <div>2 LBS MIN<br/>10 LBS MAX</div>                | <u>6.5</u> <u>5.5</u> <u>5.5</u>                            | 12/1/04       | DA          |
| CONT. | G) SAFETY OFF FORCE <div>2 LBS MIN</div>                               | <u>2.5</u> <u>2.5</u> <u>2.5</u>                            | 12/1/04       | DA          |
|       | H) TRIGGER PULL TEST<br>AND RETAINABILITY                              |                                                             |               |             |
|       | I) FIRING PIN INDENT <div>.020 MIN</div>                               | <u>1023</u> <u>1025</u> <u>1025</u>                         | 12/1/04       | DA          |
|       | J) ASSEMBLE STOCK                                                      |                                                             | 11-5-04       | RTL         |
|       | K) ASSEMBLE SWIVEL<br>STUDS                                            |                                                             | 12-3-04       | AC          |
|       | L) ATTACH FRONT AND<br>REAR SIGHT ASSY'S                               |                                                             | <del>NC</del> | <del></del> |
|       | M) IRON SIGHT<br>ALIGNMENT                                             |                                                             |               |             |
|       | N) DETACH FRONT AND<br>REAR SIGHTS AND PLACE<br>IN NUMBERED CONTAINER  |                                                             |               |             |
| 640   | GALLERY TEST AND<br>TARGET                                             | <div>PASS</div> <div>FAIL</div>                             | 11-30-04      | AC          |
|       | MALFUNCTION                                                            | CORRECTION                                                  | <del>NA</del> | <del></del> |
|       | MALFUNCTION                                                            | CORRECTION                                                  |               |             |
|       | MALFUNCTION                                                            | CORRECTION                                                  |               |             |
|       | MALFUNCTION                                                            | CORRECTION                                                  |               |             |
| 645   | INSPECT FOR LIVE AMMO                                                  |                                                             | 11-30-04      | AC          |
| 655   | FINAL INSPECTION<br>A) HEADSPACE                                       |                                                             | 12-3-04       | AC          |
|       | B) TRIGGER PULL <div>+/- .5 LBS<br/>MIN 2.50 LBS<br/>MAX 4.0 LBS</div> | <u>2.81</u> <u>2.81</u> <u>2.89</u> <u>2.87</u> <u>2.89</u> | 12/1/04       | DA          |
|       | C) FUNCTION                                                            |                                                             | 12-3-04       | AC          |
| 660   | PACK                                                                   |                                                             | 12/6/04       | 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 7-15-04

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 | 2.55                | 2.72                        |                                   | 2.41  |          |
| PULL #2 | 2.59                | 2.67                        |                                   | 2.29  |          |
| PULL #3 | 2.47                | 2.52                        |                                   | 2.19  |          |
| PULL #4 | 2.52                | 2.50                        |                                   | 2.18  |          |
| PULL #5 | 2.47                | 2.47                        |                                   | 2.21  |          |
| TOTAL   | 12.60               | 12.88                       |                                   | 11.28 |          |
| AVERAGE | 2.52                | 2.57                        |                                   | 2.25  |          |

|         | 3.00 LBS<br>INITIAL | 3.00 LBS AFTER<br>20 CYCLES |  | COMMENTS |
|---------|---------------------|-----------------------------|--|----------|
| PULL #1 | 3.08                | 3.07                        |  |          |
| PULL #2 | 3.09                | 3.25                        |  |          |
| PULL #3 | 3.19                | 3.18                        |  |          |
| PULL #4 | 3.11                | 3.15                        |  |          |
| PULL #5 | 3.03                | 2.90                        |  |          |
| TOTAL   | 15.50               | 15.55                       |  |          |
| AVERAGE | 3.10                | 3.11                        |  |          |

|         | 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 | 4.21                | 4.17                        |                                   | 4.23                                    |
| PULL #2 | 4.18                | 3.98                        |                                   | 4.01                                    |
| PULL #3 | 4.05                | 4.23                        |                                   | 4.15                                    |
| PULL #4 | 4.05                | 4.09                        |                                   | 3.95                                    |
| PULL #5 | 4.00                | 4.03                        |                                   | 4.23                                    |
| TOTAL   | 20.49               | 20.50                       |                                   | 20.57                                   |
| AVERAGE | 4.09                | 4.10                        |                                   | 4.11                                    |

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6414378.\_\_1  
FILE DATE AND TIME: 09/12/2005 11:05

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.030 |
| The Average Y Centroid of the Five Target Set:              | 0.033  |
| The Average Point of Impact of the Five Target Set:         | 0.045  |
| The Average Mean Radius of the Five Target Set:             | 0.829  |
| The Distance from POA to Centroid Target #1:                | 0.175  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.119  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.205  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.409  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.277  |

SERIAL NUMBER: G6414378. 1

TARGET NUMBER: 1

FILE DATE: 09/12/2005

FILE TIME: 11:05

X CENTROID: -0.007

Y CENTROID: 0.175

POA TO CENTROID: 0.175

HORZ SPREAD: 1.851

VERT SPREAD: 2.499

GROUP SPREAD: 3.110

MIN RADIUS: 0.421

MAX RADIUS: 1.573

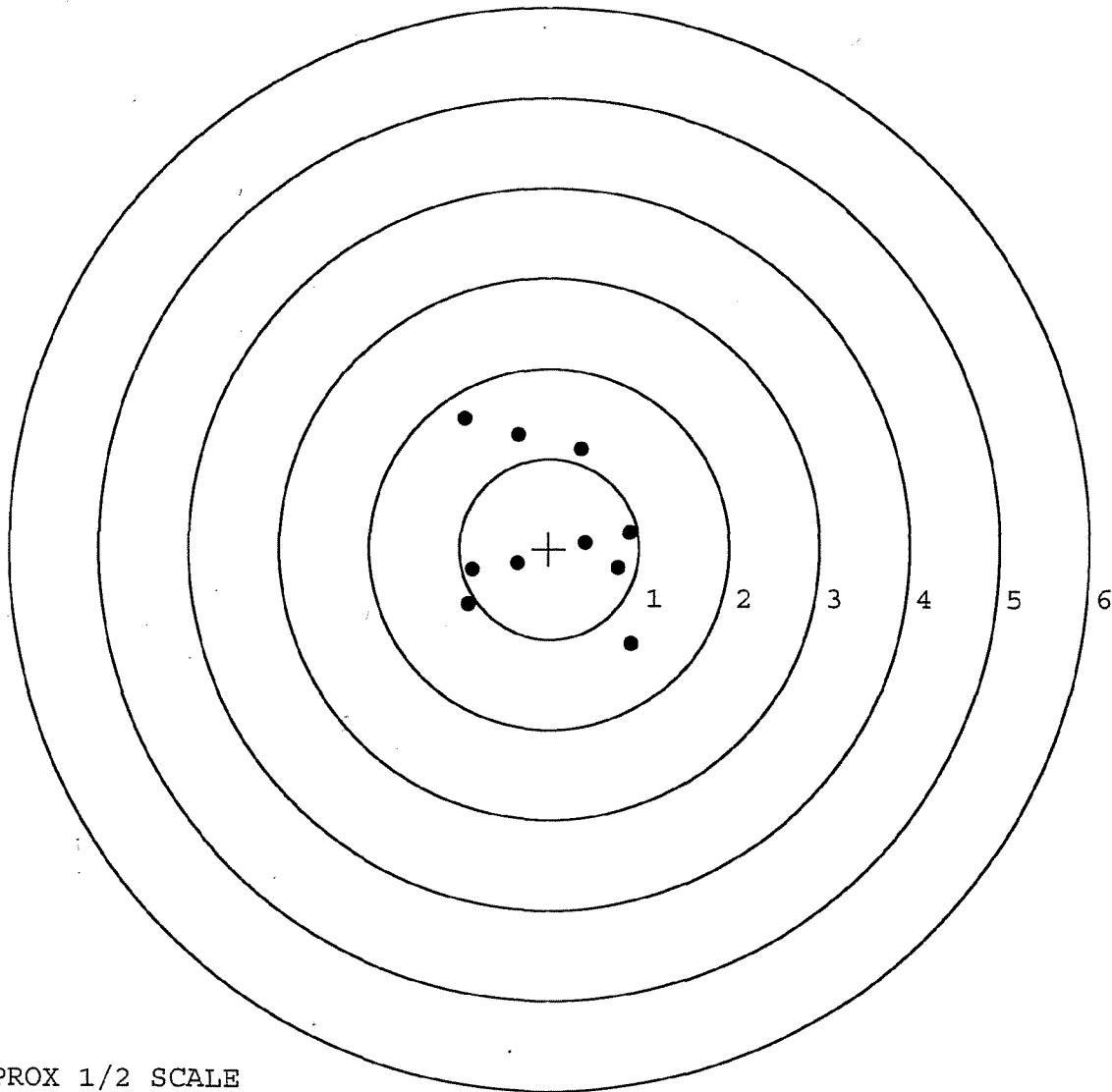
MEAN RADIUS: 1.008

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 5

# in 3 IN DIAMETER: 8

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.910  | -1.058 |
| 2:     | 0.898  | 0.174  |
| 3:     | 0.770  | -0.219 |
| 4:     | 0.401  | 0.073  |
| 5:     | -0.358 | -0.172 |
| 6:     | -0.855 | -0.235 |
| 7:     | -0.904 | -0.625 |
| 8:     | 0.357  | 1.108  |
| 9:     | -0.350 | 1.260  |
| 10:    | -0.941 | 1.441  |

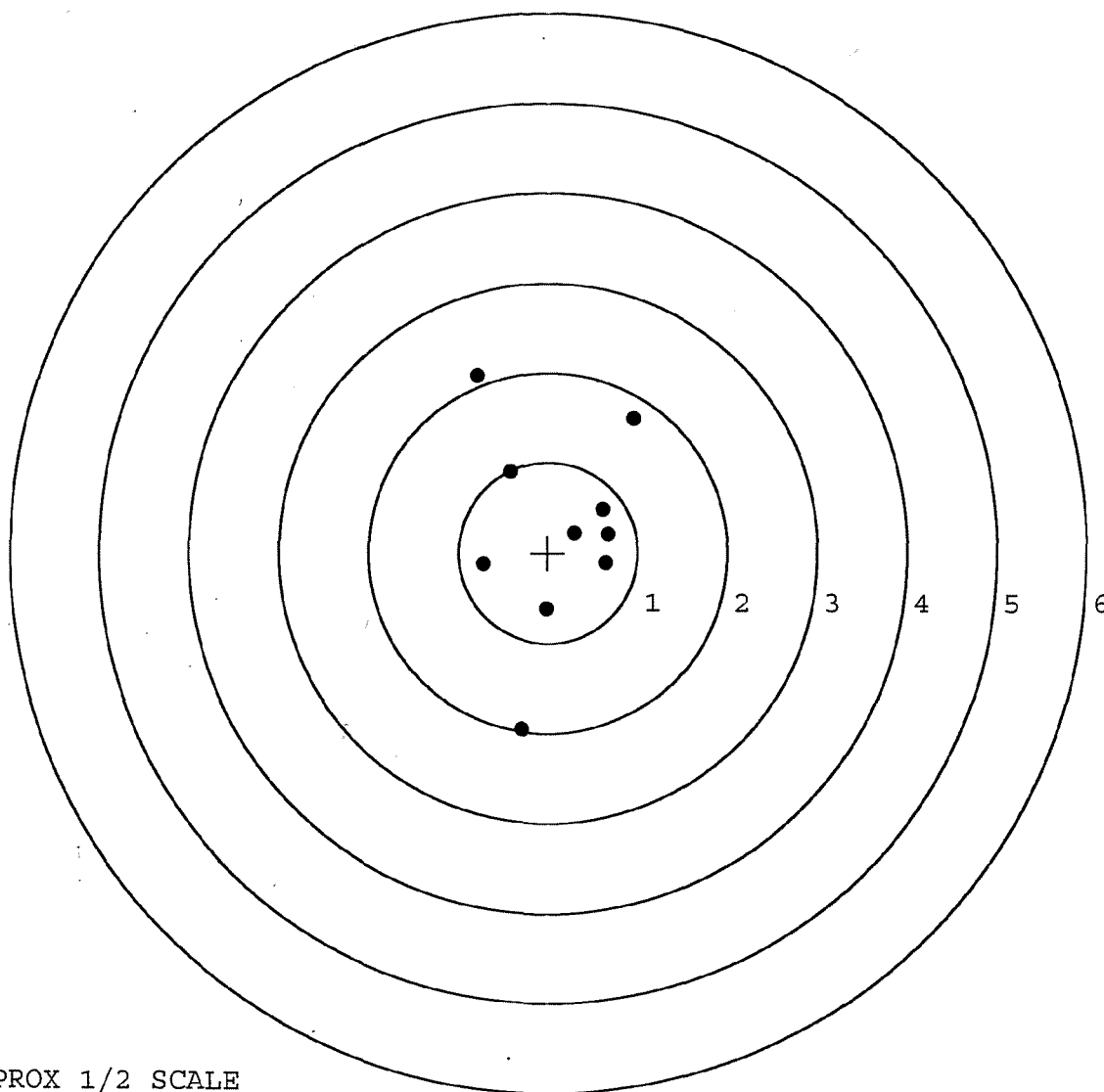


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6414378. 1  
TARGET NUMBER: 2  
FILE DATE: 09/12/2005  
FILE TIME: 11:05

X CENTROID: 0.092  
Y CENTROID: 0.240  
POA TO CENTROID: 0.257  
HORZ SPREAD: 1.760  
VERT SPREAD: 3.928  
GROUP SPREAD: 3.962  
MIN RADIUS: 0.202  
MAX RADIUS: 2.235  
MEAN RADIUS: 1.030  
# IN 1 IN DIAMETER: 1  
# IN 2 IN DIAMETER: 7  
# in 3 IN DIAMETER: 7

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.954  | 1.480  |
| 2:     | -0.421 | 0.889  |
| 3:     | -0.806 | 1.965  |
| 4:     | -0.721 | -0.133 |
| 5:     | -0.023 | -0.622 |
| 6:     | -0.289 | -1.963 |
| 7:     | 0.649  | -0.119 |
| 8:     | 0.293  | 0.218  |
| 9:     | 0.612  | 0.476  |
| 10:    | 0.671  | 0.206  |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6414378:\_\_\_1

TARGET NUMBER: 3

FILE DATE: 09/12/2005

FILE TIME: 11:05

| POINT# | X | Y |
|--------|---|---|
|--------|---|---|

|    |        |        |
|----|--------|--------|
| 1: | -0.782 | -1.169 |
|----|--------|--------|

|    |       |        |
|----|-------|--------|
| 2: | 0.776 | -0.342 |
|----|-------|--------|

|    |        |       |
|----|--------|-------|
| 3: | -0.220 | 0.606 |
|----|--------|-------|

|    |       |       |
|----|-------|-------|
| 4: | 0.216 | 0.163 |
|----|-------|-------|

|    |       |        |
|----|-------|--------|
| 5: | 0.030 | -0.079 |
|----|-------|--------|

|    |       |        |
|----|-------|--------|
| 6: | 0.064 | -0.277 |
|----|-------|--------|

|    |       |        |
|----|-------|--------|
| 7: | 0.011 | -0.452 |
|----|-------|--------|

|    |        |        |
|----|--------|--------|
| 8: | -0.382 | -0.308 |
|----|--------|--------|

|    |        |        |
|----|--------|--------|
| 9: | -0.665 | -0.413 |
|----|--------|--------|

|     |       |       |
|-----|-------|-------|
| 10: | 0.554 | 1.996 |
|-----|-------|-------|

X CENTROID: -0.040

Y CENTROID: -0.027

POA TO CENTROID: 0.048

HORZ SPREAD: 1.558

VERT SPREAD: 3.165

GROUP SPREAD: 3.435

MIN RADIUS: 0.087

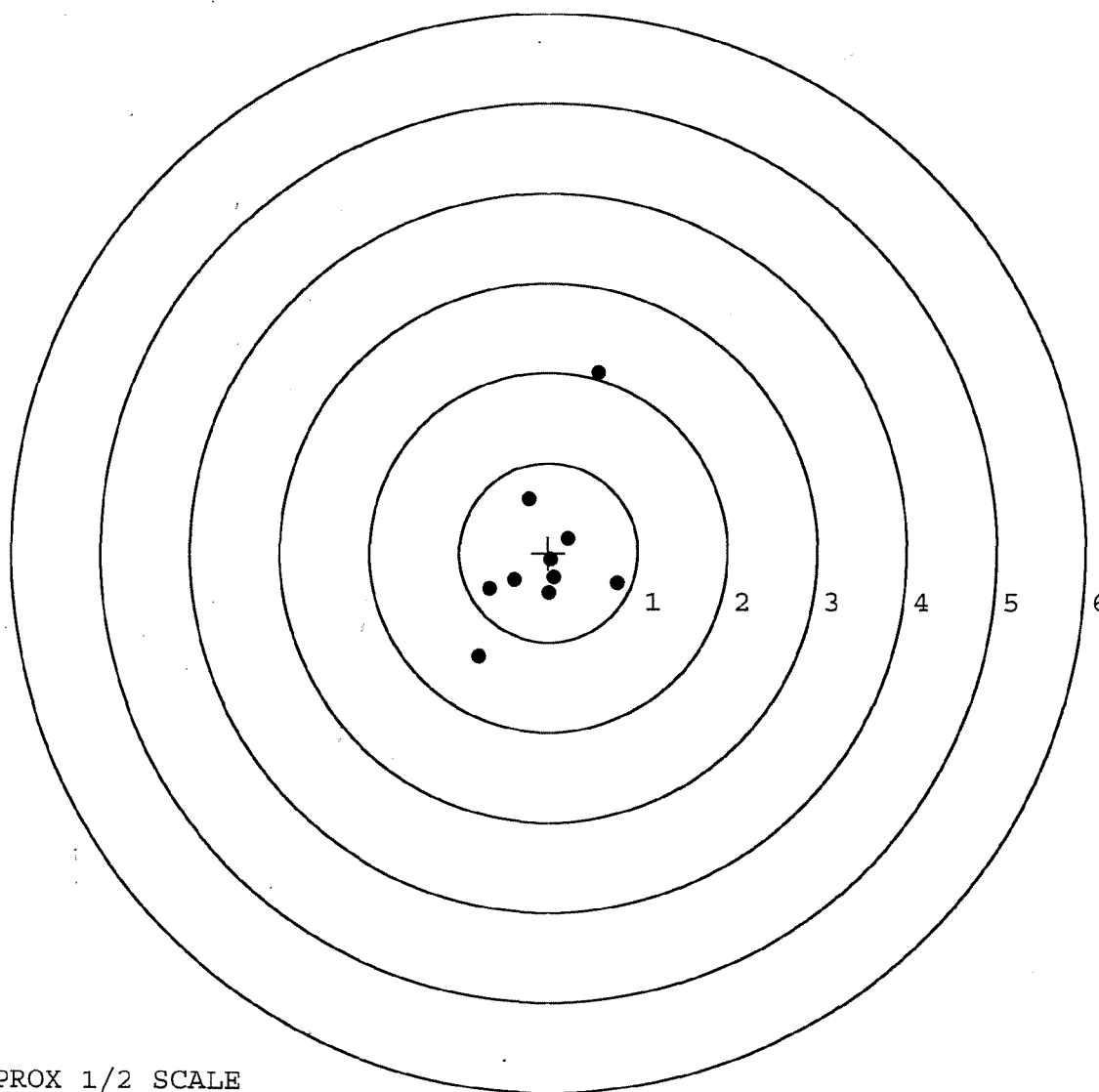
MAX RADIUS: 2.109

MEAN RADIUS: 0.728

# IN 1 IN DIAMETER: 5

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6414378: \_\_1

TARGET NUMBER: 4

FILE DATE: 09/12/2005

FILE TIME: 11:05

| POINT# | X | Y |
|--------|---|---|
|--------|---|---|

|    |       |        |
|----|-------|--------|
| 1: | 1.200 | -0.376 |
|----|-------|--------|

|    |        |        |
|----|--------|--------|
| 2: | -0.090 | -1.366 |
|----|--------|--------|

|    |       |       |
|----|-------|-------|
| 3: | 0.284 | 0.237 |
|----|-------|-------|

|    |        |       |
|----|--------|-------|
| 4: | -0.095 | 0.323 |
|----|--------|-------|

|    |        |       |
|----|--------|-------|
| 5: | -0.452 | 0.452 |
|----|--------|-------|

|    |        |       |
|----|--------|-------|
| 6: | -1.050 | 0.049 |
|----|--------|-------|

|    |       |        |
|----|-------|--------|
| 7: | 0.416 | -0.511 |
|----|-------|--------|

|    |       |        |
|----|-------|--------|
| 8: | 0.331 | -0.280 |
|----|-------|--------|

|    |       |        |
|----|-------|--------|
| 9: | 0.071 | -0.377 |
|----|-------|--------|

|     |        |        |
|-----|--------|--------|
| 10: | -0.261 | -0.471 |
|-----|--------|--------|

X CENTROID: 0.035

Y CENTROID: -0.232

POA TO CENTROID: 0.235

HORZ SPREAD: 2.250

VERT SPREAD: 1.818

GROUP SPREAD: 2.290

MIN RADIUS: 0.149

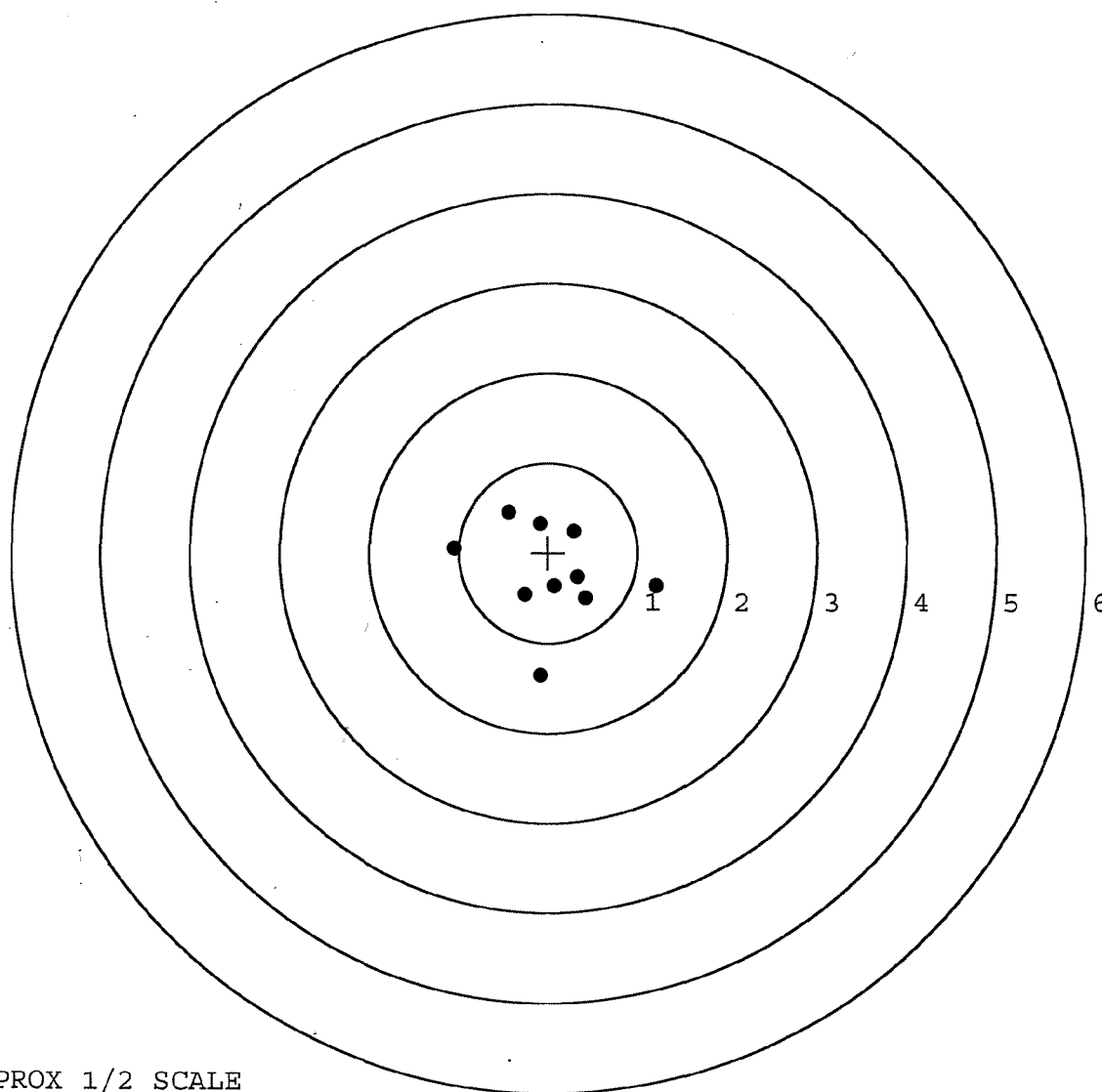
MAX RADIUS: 1.173

MEAN RADIUS: 0.668

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 7

# in 3 IN DIAMETER: 10

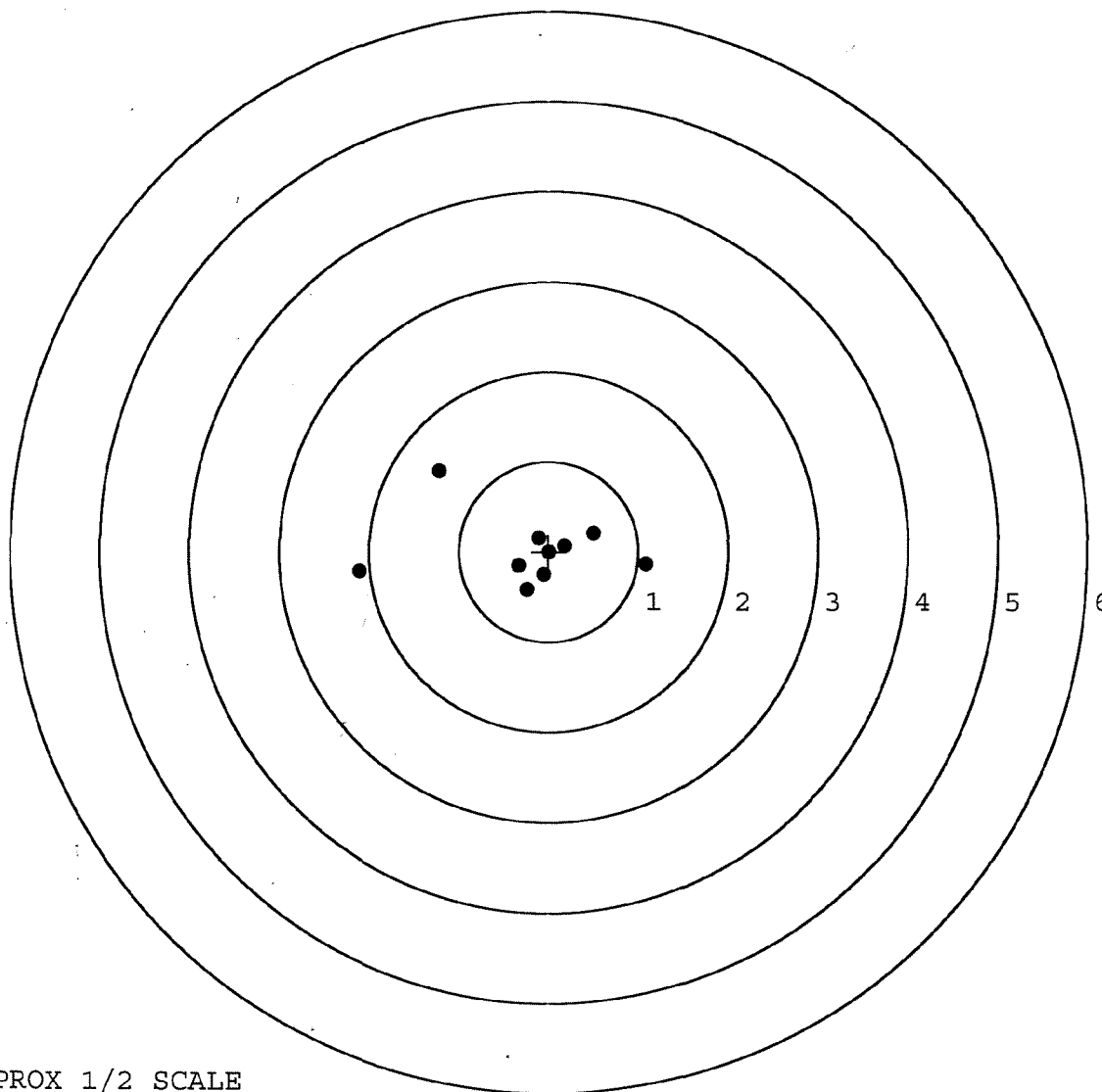


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6414378: 1  
TARGET NUMBER: 5  
FILE DATE: 09/12/2005  
FILE TIME: 11:05

X CENTROID: -0.230  
Y CENTROID: 0.011  
POA TO CENTROID: 0.230  
HORZ SPREAD: 3.186  
VERT SPREAD: 1.319  
GROUP SPREAD: 3.187  
MIN RADIUS: 0.183  
MAX RADIUS: 1.886  
MEAN RADIUS: 0.709  
# IN 1 IN DIAMETER: 6  
# IN 2 IN DIAMETER: 7  
# in 3 IN DIAMETER: 9

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.085  | -0.143 |
| 2:     | 0.500  | 0.203  |
| 3:     | -1.226 | 0.898  |
| 4:     | -2.101 | -0.226 |
| 5:     | -0.112 | 0.150  |
| 6:     | 0.183  | 0.066  |
| 7:     | -0.242 | -0.421 |
| 8:     | -0.055 | -0.255 |
| 9:     | -0.338 | -0.156 |
| 10:    | 0.009  | -0.011 |



TARGET APPROX 1/2 SCALE