

G6590157

**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



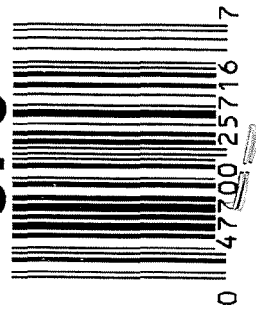
**ORDER NO. 25716**

**BARREL LENGTH 24"**

**CAPACITY 6**

**G6590157**

**UPC**



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

**UPC**



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

**UPC**



SERIAL NO.



M-24  
INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G-6590157

| OP #         | OPERATION NAME                                                 | READINGS            | DATE    | INITIAL |
|--------------|----------------------------------------------------------------|---------------------|---------|---------|
| 410          | SERIALIZE BOLT HANDLE                                          |                     | 8-30-06 | RTZ     |
| 420          | ASSEMBLE ACTION                                                |                     | 8-30-06 | RTZ     |
| 430          | ASSEMBLE TO STOCK                                              |                     | 8-30-06 | RTZ     |
| 440          | PROOF                                                          | MAGNA-FLUX          | 8-31-06 | L.P.D.  |
| 460          | CHECK HEADSPACE                                                | INSPECTED           | 8-31-06 | L.P.D.  |
| 470          | DIS-ASSEMBLE ACTION                                            | SEP 05 2006         | 9-1-06  | RTZ     |
| 480          | MAGNAFLUX BBL ACTION                                           | OPERATOR <u>mmk</u> | 9/5/06  | mmk     |
| 490          | MAGNAFLUX BOLT                                                 |                     |         |         |
| 500          | ROLLMARK CALIBER                                               |                     | 9-5-06  | CW      |
| 510          | DRILL AND TAP<br>SIGHT HOLES                                   |                     | 9-5-06  | TRW     |
| 520          | GOFF BLAST BBL / REC                                           |                     | 9-6-06  | LB      |
| 530 &<br>540 | APPLY COATINGS<br>(BARREL ACTION)                              |                     |         |         |
|              | (BOLT)                                                         |                     | 9/12/06 | RB      |
| 560          | RE-ASSEMBLE ACTION                                             |                     |         |         |
|              | A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                            |                     | 9-15-06 | RTZ     |
|              | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD |                     | 9-15-06 | RTZ     |
|              | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                         |                     | 9-15-06 | RTZ     |
|              | D) OIL FIRING PIN ASSEMBLY                                     |                     | 9-15-06 | RTZ     |
|              | E) ADJUST TRIGGER PULL<br>TO MIN. SETTING AND<br>STAKE         | 2.50 LBS +/- .5 LBS |         |         |

F004 REV 5/2006

| OP #         | OPERATION NAME                                                           | READINGS                                                    | DATE    | INITIAL |
|--------------|--------------------------------------------------------------------------|-------------------------------------------------------------|---------|---------|
| 560          | F) SAFETY ON FORCE <span>2 LBS MIN<br/>10 LBS MAX</span>                 | <u>8°</u> <u>7°</u> <u>7°</u>                               | 10-2-06 | SD      |
| CONT.        |                                                                          |                                                             |         |         |
|              | G) SAFETY OFF FORCE <span>2 LBS MIN</span>                               | <u>4°</u> <u>4°</u> <u>4°</u>                               | 10-2-06 | SD      |
|              | H) TRIGGER PULL TEST<br>AND RETAINABILITY                                |                                                             |         |         |
|              | I) FIRING PIN INDENT <span>.020 MIN</span>                               | <u>.025</u> <u>.024</u> <u>.024</u>                         | 10-2-06 | SD      |
|              | J) ASSEMBLE STOCK                                                        |                                                             | 9-15-06 | RR      |
|              | K) ASSEMBLE SWIVEL<br>STUDS                                              |                                                             | 11-8-06 | L.P.D.  |
|              | L) ATTACH FRONT AND<br>REAR SIGHT ASSY'S                                 |                                                             | 9-15-06 | RTZ     |
|              | M) IRON SIGHT<br>ALIGNMENT                                               |                                                             | 9-15-06 | RTZ     |
|              | N) DETACH FRONT AND<br>REAR SIGHTS AND PLACE<br>IN NUMBERED CONTAINER    |                                                             | 9-15-06 | RTZ     |
| 640 &<br>650 | FUNCTION TEST AND<br>TARGET                                              | <u>PASS</u> FAIL<br><u>PASS</u> FAIL                        | 9-16-06 | TRW     |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
|              | MALFUNCTION                                                              | CORRECTION                                                  |         |         |
| 660          | INSPECT FOR LIVE AMMO                                                    |                                                             | 9-16-06 | DL      |
| 670          | FINAL INSPECTION<br>A) HEADSPACE                                         |                                                             | 11-8-06 | L.P.D.  |
|              | B) TRIGGER PULL <span>+/- .5 LBS<br/>MIN 2.50 LBS<br/>MAX 4.0 LBS</span> | <u>2.79</u> <u>2.73</u> <u>2.66</u> <u>2.77</u> <u>2.60</u> | 9-18-06 | DA      |
|              | C) FUNCTION                                                              |                                                             | 11-8-06 | L.P.D.  |
| 690          | PACK                                                                     |                                                             | 11/9/06 | DA      |

F004 REV 5/2006

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)

DATE 9-13-06

TESTER RP

|         | 2.50 LBS<br>INITIAL | 2.50 LBS AFTER 50<br>CYCLES | FINAL TEST & TO RESET<br>2.50 LBS |      | COMMENTS |
|---------|---------------------|-----------------------------|-----------------------------------|------|----------|
| PULL #1 | 250                 | 252                         |                                   | 258  |          |
| PULL #2 | 250                 | 256                         |                                   | 261  |          |
| PULL #3 | 249                 | 250                         |                                   | 259  |          |
| PULL #4 | 244                 | 250                         |                                   | 261  |          |
| PULL #5 | 247                 | 258                         |                                   | 262  |          |
| TOTAL   | 1240                | 1266                        |                                   | 1301 |          |
| AVERAGE | 248                 | 253                         |                                   | 260  |          |

|         | 3.00 LBS<br>INITIAL | 3.00 LBS AFTER 20<br>CYCLES |  | COMMENTS |
|---------|---------------------|-----------------------------|--|----------|
| PULL #1 | 303                 | 307                         |  |          |
| PULL #2 | 306                 | 304                         |  |          |
| PULL #3 | 307                 | 303                         |  |          |
| PULL #4 | 306                 | 303                         |  |          |
| PULL #5 | 308                 | 303                         |  |          |
| TOTAL   | 1530                | 1520                        |  |          |
| AVERAGE | 306                 | 304                         |  |          |

|         | 4.00 LBS<br>INITIAL | 4.00 LBS AFTER 20<br>CYCLES | MAX SETTING GREATER<br>THAN 4 LBS | RESET TO 4 LBS FOR<br>TARGET & ACCURACY |
|---------|---------------------|-----------------------------|-----------------------------------|-----------------------------------------|
| PULL #1 | 410                 | 416                         |                                   | 403                                     |
| PULL #2 | 399                 | 409                         |                                   | 403                                     |
| PULL #3 | 396                 | 408                         |                                   | 399                                     |
| PULL #4 | 396                 | 408                         |                                   | 398                                     |
| PULL #5 | 398                 | 409                         |                                   | 401                                     |
| TOTAL   | 1999                | 2050                        |                                   | 2004                                    |
| AVERAGE | 399                 | 410                         |                                   | 400                                     |

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6590157.\_\_0  
FILE DATE AND TIME: 09/18/2006 05:43

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | 0.009  |
| The Average Y Centroid of the Five Target Set:              | -0.002 |
| The Average Point of Impact of the Five Target Set:         | 0.009  |
| The Average Mean Radius of the Five Target Set:             | 0.709  |
| The Distance from POA to Centroid Target #1:                | 0.098  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.191  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.165  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.225  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.216  |

SERIAL NUMBER: G6590157. 0

TARGET NUMBER: 1

FILE DATE: 09/18/2006

FILE TIME: 05:43

X CENTROID: 0.098

Y CENTROID: -0.002

POA TO CENTROID: 0.098

HORZ SPREAD: 1.590

VERT SPREAD: 2.888

GROUP SPREAD: 2.945

MIN RADIUS: 0.302

MAX RADIUS: 1.523

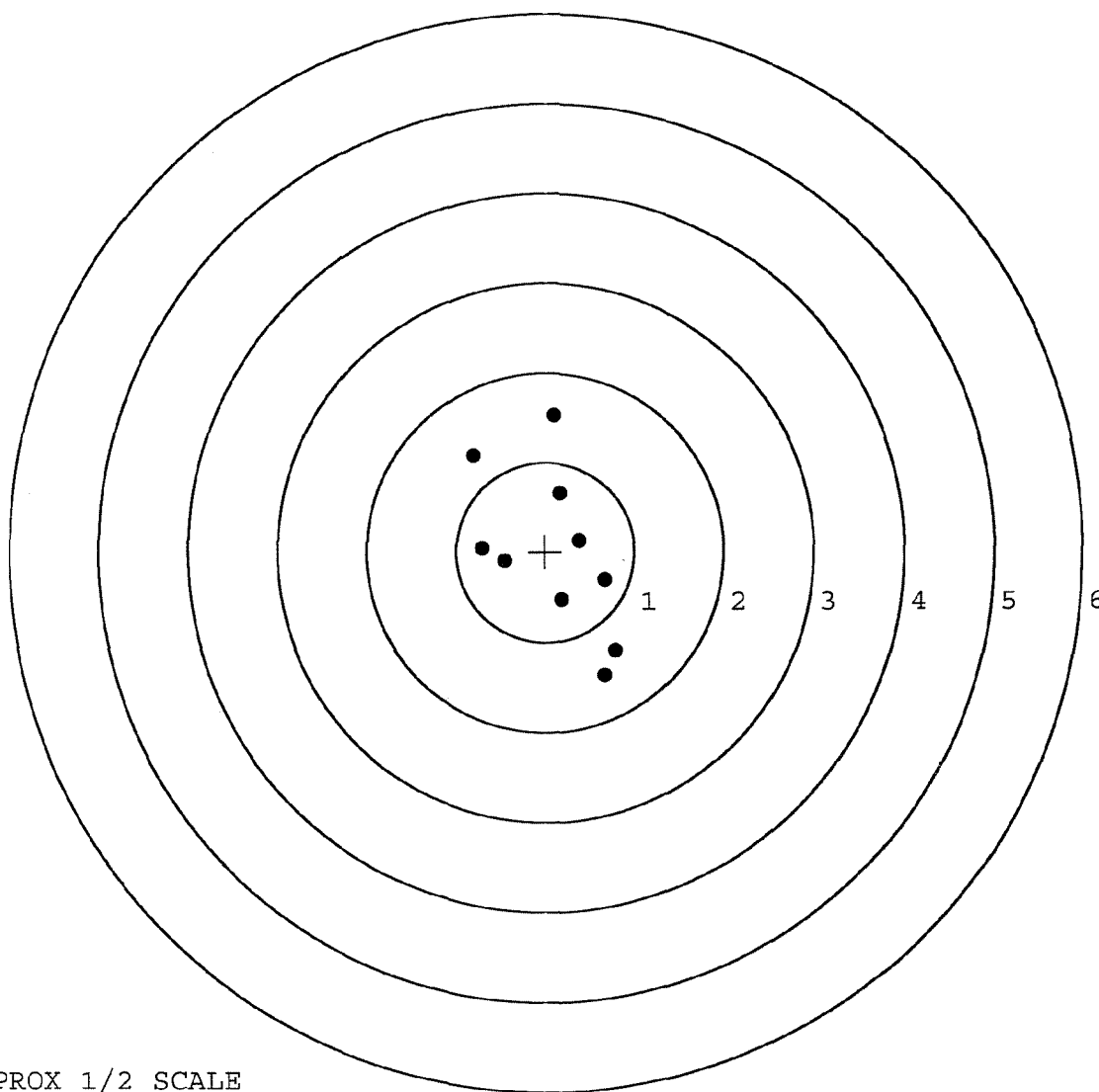
MEAN RADIUS: 0.923

# IN 1 IN DIAMETER: 1

# IN 2 IN DIAMETER: 6

# in 3 IN DIAMETER: 9

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.673  | -1.367 |
| 2:     | 0.785  | -1.098 |
| 3:     | 0.374  | 0.121  |
| 4:     | 0.669  | -0.316 |
| 5:     | 0.182  | -0.540 |
| 6:     | -0.454 | -0.112 |
| 7:     | -0.702 | 0.039  |
| 8:     | 0.164  | 0.656  |
| 9:     | 0.097  | 1.521  |
| 10:    | -0.805 | 1.076  |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590157. \_\_0

TARGET NUMBER: 2

FILE DATE: 09/18/2006

FILE TIME: 05:43

X CENTROID: -0.085

Y CENTROID: 0.051

POA TO CENTROID: 0.099

HORZ SPREAD: 1.891

VERT SPREAD: 2.285

GROUP SPREAD: 2.761

MIN RADIUS: 0.166

MAX RADIUS: 1.593

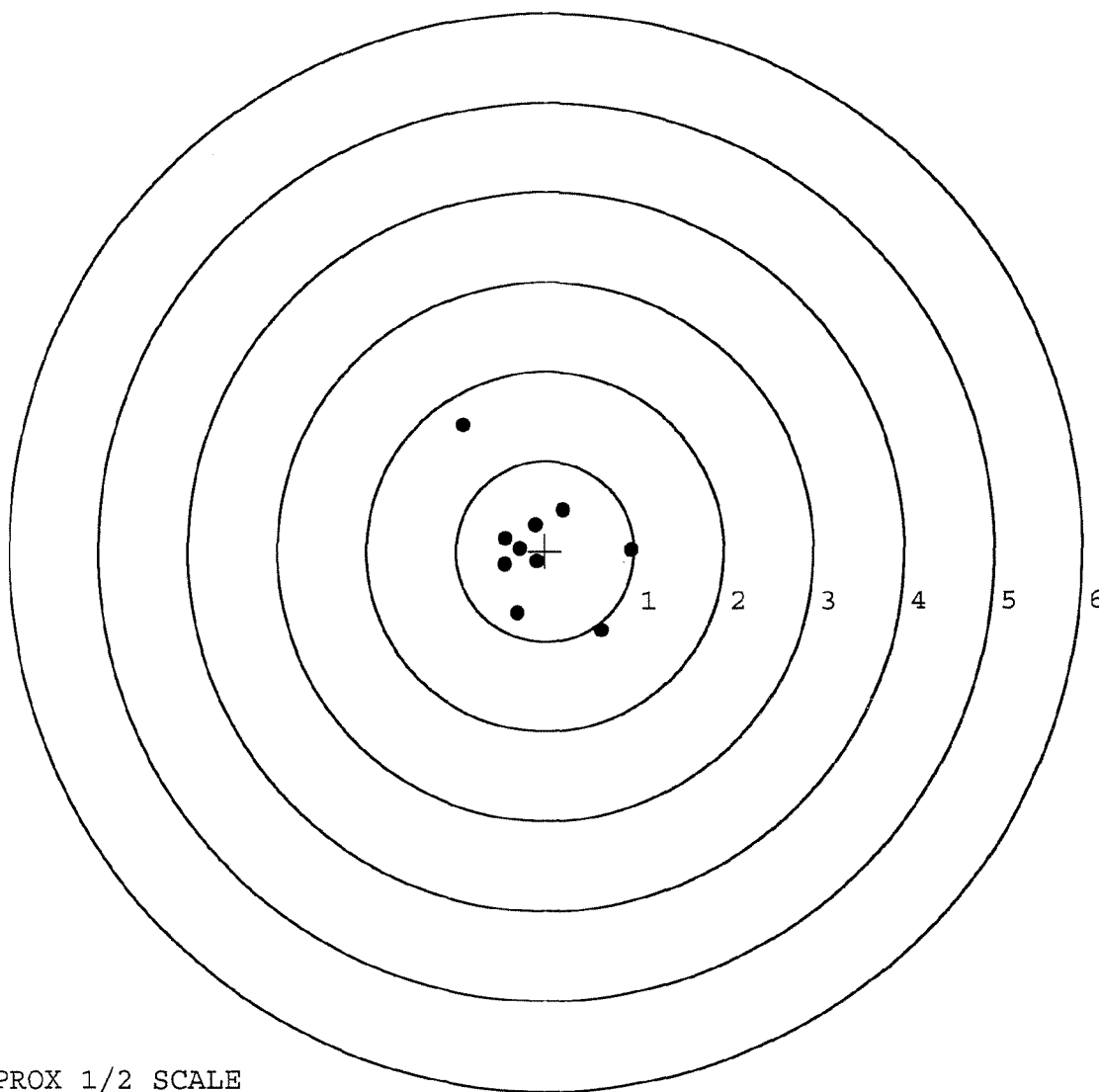
MEAN RADIUS: 0.650

# IN 1 IN DIAMETER: 6

# IN 2 IN DIAMETER: 7

# in 3 IN DIAMETER: 9

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.923 | 1.406  |
| 2:     | 0.968  | 0.015  |
| 3:     | 0.627  | -0.879 |
| 4:     | -0.316 | -0.690 |
| 5:     | 0.197  | 0.456  |
| 6:     | -0.116 | 0.289  |
| 7:     | -0.095 | -0.115 |
| 8:     | -0.457 | 0.145  |
| 9:     | -0.455 | -0.150 |
| 10:    | -0.285 | 0.030  |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590157. \_\_0

TARGET NUMBER: 3

FILE DATE: 09/18/2006

FILE TIME: 05:43

X CENTROID: -0.066

Y CENTROID: -0.021

POA TO CENTROID: 0.069

HORZ SPREAD: 2.213

VERT SPREAD: 1.593

GROUP SPREAD: 2.513

MIN RADIUS: 0.237

MAX RADIUS: 1.366

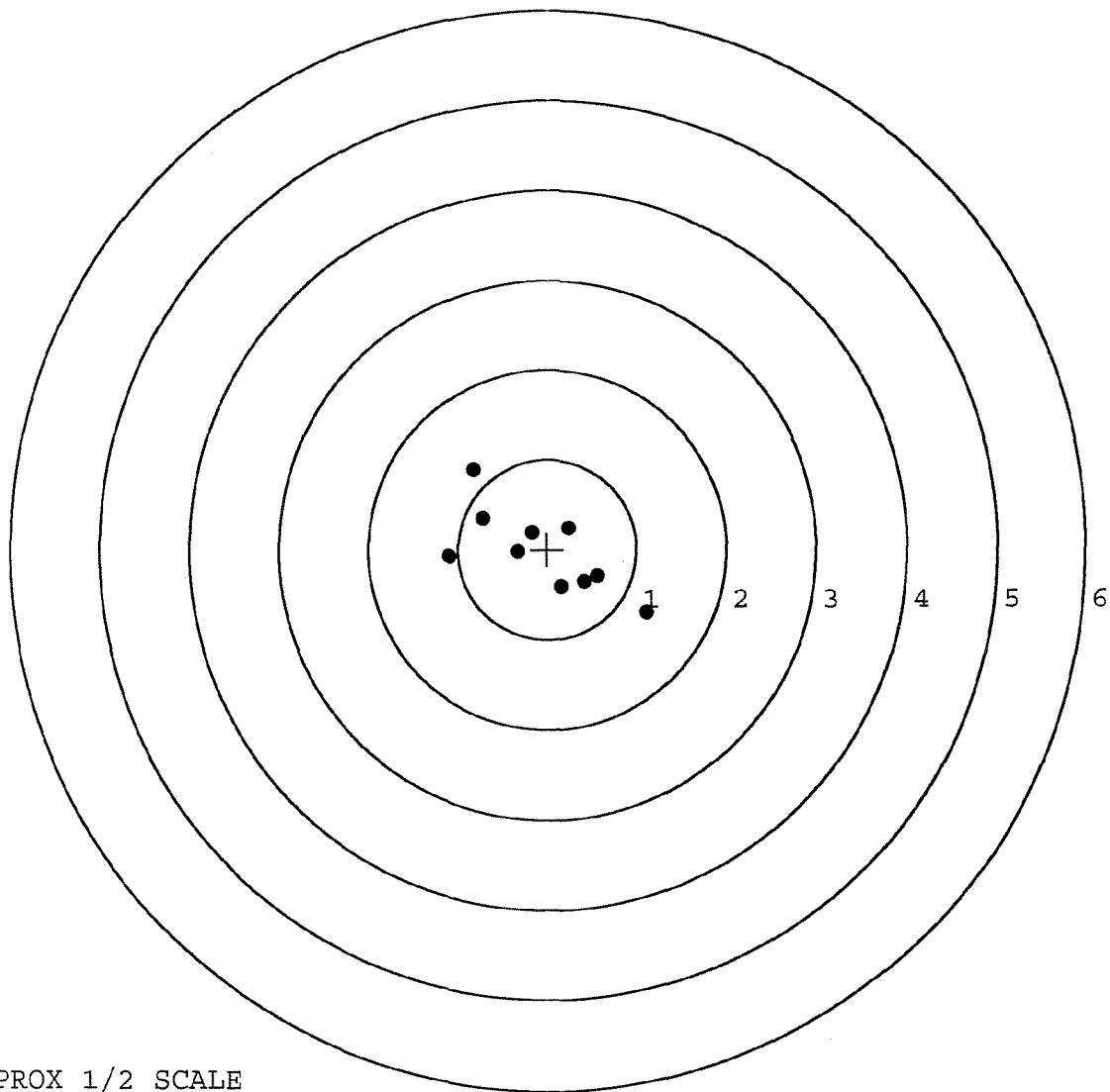
MEAN RADIUS: 0.697

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 7

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.118  | -0.703 |
| 2:     | 0.565  | -0.296 |
| 3:     | 0.160  | -0.415 |
| 4:     | 0.234  | 0.241  |
| 5:     | -1.095 | -0.080 |
| 6:     | -0.724 | 0.350  |
| 7:     | -0.825 | 0.890  |
| 8:     | -0.176 | 0.189  |
| 9:     | -0.329 | -0.030 |
| 10:    | 0.416  | -0.356 |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590157. 0

TARGET NUMBER: 4

FILE DATE: 09/18/2006

FILE TIME: 05:43

X CENTROID: -0.040

Y CENTROID: 0.175

POA TO CENTROID: 0.180

HORZ SPREAD: 1.152

VERT SPREAD: 2.501

GROUP SPREAD: 2.529

MIN RADIUS: 0.119

MAX RADIUS: 1.774

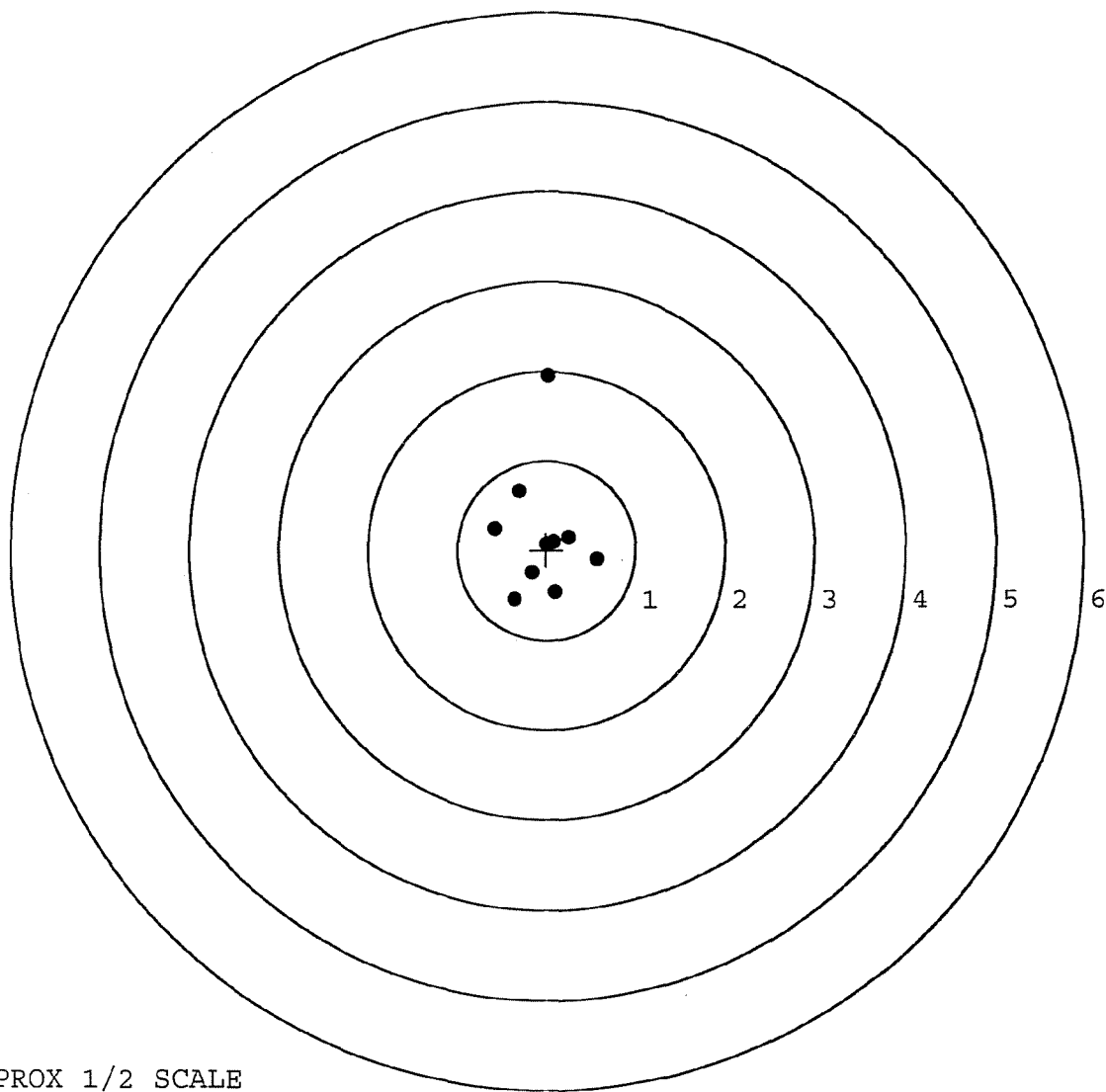
MEAN RADIUS: 0.600

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 9

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.571  | -0.104 |
| 2:     | 0.094  | -0.473 |
| 3:     | -0.363 | -0.552 |
| 4:     | -0.162 | -0.254 |
| 5:     | 0.247  | 0.139  |
| 6:     | 0.003  | 0.065  |
| 7:     | 0.015  | 1.949  |
| 8:     | -0.309 | 0.656  |
| 9:     | -0.581 | 0.235  |
| 10:    | 0.080  | 0.093  |

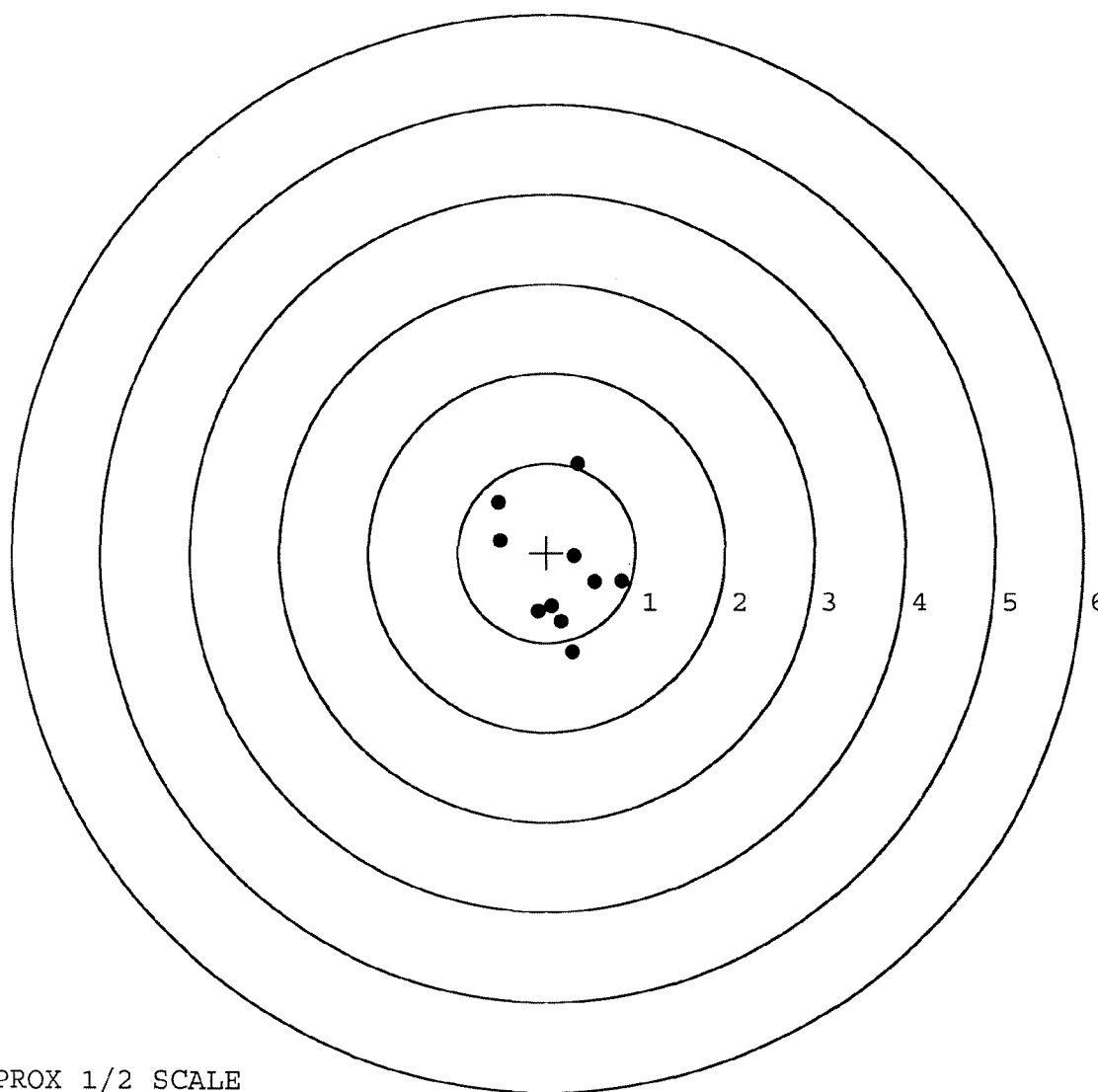


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590157. \_\_0  
TARGET NUMBER: 5  
FILE DATE: 09/18/2006  
FILE TIME: 05:43

X CENTROID: 0.138  
Y CENTROID: -0.214  
POA TO CENTROID: 0.255  
HORZ SPREAD: 1.393  
VERT SPREAD: 2.096  
GROUP SPREAD: 2.097  
MIN RADIUS: 0.244  
MAX RADIUS: 1.221  
MEAN RADIUS: 0.675  
# IN 1 IN DIAMETER: 4  
# IN 2 IN DIAMETER: 8  
# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.342  | 0.989  |
| 2:     | -0.547 | 0.557  |
| 3:     | -0.533 | 0.131  |
| 4:     | 0.310  | -0.041 |
| 5:     | 0.546  | -0.327 |
| 6:     | 0.846  | -0.320 |
| 7:     | 0.289  | -1.107 |
| 8:     | 0.166  | -0.773 |
| 9:     | 0.055  | -0.596 |
| 10:    | -0.094 | -0.657 |



TARGET APPROX 1/2 SCALE