

G6590195

**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



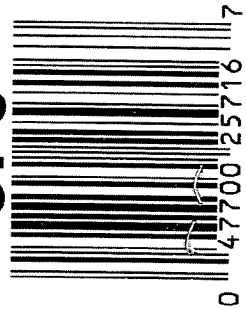
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

**G6590195**

**UPC**



**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  
INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G 6590195

| OP #         | OPERATION NAME                                                                                                                         | READINGS                | DATE     | INITIAL |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------|---------|
| 410          | SERIALIZE BOLT HANDLE                                                                                                                  |                         | 10-6-06  | RTC     |
| 420          | ASSEMBLE ACTION                                                                                                                        |                         | 10-6-06  | BLC     |
| 430          | ASSEMBLE TO STOCK                                                                                                                      |                         | 10-7-06  | WK      |
| 440          | PROOF                                                                                                                                  |                         | 10-7-06  | TRW     |
| 460          | CHECK HEADSPACE                                                                                                                        | MAGNA FLUX<br>INSPECTED | 10-7-06  | TRW     |
| 470          | DIS-ASSEMBLE ACTION                                                                                                                    | OCT 10 2006             | 10-9-06  | RTC     |
| 480          | MAGNAFLUX BBL ACTION                                                                                                                   | OPERATOR <u>APD</u>     | 10-10-06 | APD     |
| 490          | MAGNAFLUX BOLT                                                                                                                         |                         |          |         |
| 500          | ROLLMARK CALIBER                                                                                                                       |                         | 10-10-06 | CW      |
| 510          | DRILL AND TAP<br>SIGHT HOLES                                                                                                           |                         | 10-9-06  | TRW     |
| 520          | GOFF BLAST BBL / REC                                                                                                                   |                         | 10-11-06 | LB      |
| 530 &<br>540 | APPLY COATINGS<br>(BARREL ACTION)                                                                                                      |                         |          |         |
|              | (BOLT)                                                                                                                                 |                         | 10/18/06 | RB      |
| 560          | RE-ASSEMBLE ACTION                                                                                                                     |                         | 10-25-06 | SD      |
|              | A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                                                                                                    |                         |          |         |
|              | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD                                                                         |                         | 10-25-06 | SD      |
|              | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                                                                                                 |                         | 10-25-06 | SD      |
|              | D) OIL FIRING PIN ASSEMBLY                                                                                                             |                         | 11-2-06  | BLC     |
|              | 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> |                         |          |         |

F004 REV 5/2006

| OP #         | OPERATION NAME                                                           | READINGS                      | DATE     | INITIAL |
|--------------|--------------------------------------------------------------------------|-------------------------------|----------|---------|
| 560          | F) SAFETY ON FORCE <span>2 LBS MIN<br/>10 LBS MAX</span>                 | <del>45</del> 45 50           | 11-14-06 | SD      |
| CONT.        |                                                                          | SD                            |          |         |
|              | G) SAFETY OFF FORCE <span>2 LBS MIN</span>                               | 80 80 80                      | 11-14-06 | SD      |
|              | H) TRIGGER PULL TEST<br>AND RETAINABILITY                                |                               | 11-14-06 | SD      |
|              | I) FIRING PIN INDENT <span>.020 MIN</span>                               | .025 .024 .025                | 11-14-06 | SD      |
|              | J) ASSEMBLE STOCK                                                        |                               | 11-2-06  | BLC     |
|              | K) ASSEMBLE SWIVEL<br>STUDS                                              |                               | 11-14-06 | L.P.D.  |
|              | L) ATTACH FRONT AND<br>REAR SIGHT ASSY'S                                 |                               | 11-2-06  | BLC     |
|              | M) IRON SIGHT<br>ALIGNMENT                                               |                               | 11-2-06  | BLC     |
|              | N) DETACH FRONT AND<br>REAR SIGHTS AND PLACE<br>IN NUMBERED CONTAINER    |                               | 11-2-06  | BLC     |
| 640 &<br>650 | FUNCTION TEST AND<br>TARGET                                              | PASS FAIL<br><u>PASS</u> FAIL | 11-3-06  | TRW     |
|              | MALFUNCTION <i>Last rd Feeds<br/>hard from mag.</i>                      | CORRECTION                    |          |         |
|              | MALFUNCTION                                                              | CORRECTION                    |          |         |
|              | MALFUNCTION                                                              | CORRECTION                    |          |         |
|              | MALFUNCTION                                                              | CORRECTION                    |          |         |
| 660          | INSPECT FOR LIVE AMMO                                                    |                               | 11/3/06  | W.R.    |
| 670          | FINAL INSPECTION<br>A) HEADSPACE                                         |                               | 11-14-06 | L.P.D.  |
|              | B) TRIGGER PULL <span>+/- .5 LBS<br/>MIN 2.50 LBS<br/>MAX 4.0 LBS</span> | 248 222 224 226 2.17          | 11-11-06 | RP      |
|              | C) FUNCTION                                                              |                               | 11-14-06 | L.P.D.  |
| 690          | PACK                                                                     |                               | 11/17/06 | 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 9-14-06

TESTER mJh

|         | 2.50 LBS<br>INITIAL | 2.50 LBS AFTER 50<br>CYCLES | FINAL TEST & TO RESET<br>2.50 LBS |       | COMMENTS |
|---------|---------------------|-----------------------------|-----------------------------------|-------|----------|
| PULL #1 | 2.60                | 2.35                        |                                   | 2.64  |          |
| PULL #2 | 2.59                | 2.35                        |                                   | 2.62  |          |
| PULL #3 | 2.54                | 2.28                        |                                   | 2.66  |          |
| PULL #4 | 2.58                | 2.34                        |                                   | 2.65  |          |
| PULL #5 | 2.56                | 2.39                        |                                   | 2.68  |          |
| TOTAL   | 12.87               | 11.71                       |                                   | 13.25 |          |
| AVERAGE | 2.57                | 2.34                        |                                   | 2.65  |          |

|         | 3.00 LBS<br>INITIAL | 3.00 LBS AFTER 20<br>CYCLES |  | COMMENTS |
|---------|---------------------|-----------------------------|--|----------|
| PULL #1 | 3.09                | 3.11                        |  |          |
| PULL #2 | 3.10                | 2.89                        |  |          |
| PULL #3 | 3.11                | 2.89                        |  |          |
| PULL #4 | 3.08                | 2.92                        |  |          |
| PULL #5 | 3.11                | 2.91                        |  |          |
| TOTAL   | 15.49               | 14.72                       |  |          |
| AVERAGE | 3.10                | 2.94                        |  |          |

|         | 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 | 4.06                | 4.02                        |                                   | 3.92                                    |
| PULL #2 | 4.17                | 4.01                        |                                   | 3.95                                    |
| PULL #3 | 4.10                | 3.85                        |                                   | 3.94                                    |
| PULL #4 | 4.05                | 3.92                        |                                   | 3.90                                    |
| PULL #5 | 4.02                | 3.95                        |                                   | 3.90                                    |
| TOTAL   | 20.40               | 19.75                       |                                   | 19.61                                   |
| AVERAGE | 4.08                | 3.95                        |                                   | 3.92                                    |

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6591569.\_\_\_0  
FILE DATE AND TIME: 11/04/2006 06:20

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.016 |
| The Average Y Centroid of the Five Target Set:              | -0.069 |
| The Average Point of Impact of the Five Target Set:         | 0.070  |
| The Average Mean Radius of the Five Target Set:             | 0.625  |
| The Distance from POA to Centroid Target #1:                | 0.060  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.094  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.027  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.109  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.131  |

SERIAL NUMBER: G6591569. 0

TARGET NUMBER: 1

FILE DATE: 11/04/2006

FILE TIME: 06:20

X CENTROID: 0.043

Y CENTROID: -0.042

POA TO CENTROID: 0.060

HORZ SPREAD: 1.878

VERT SPREAD: 1.768

GROUP SPREAD: 2.037

MIN RADIUS: 0.089

MAX RADIUS: 1.220

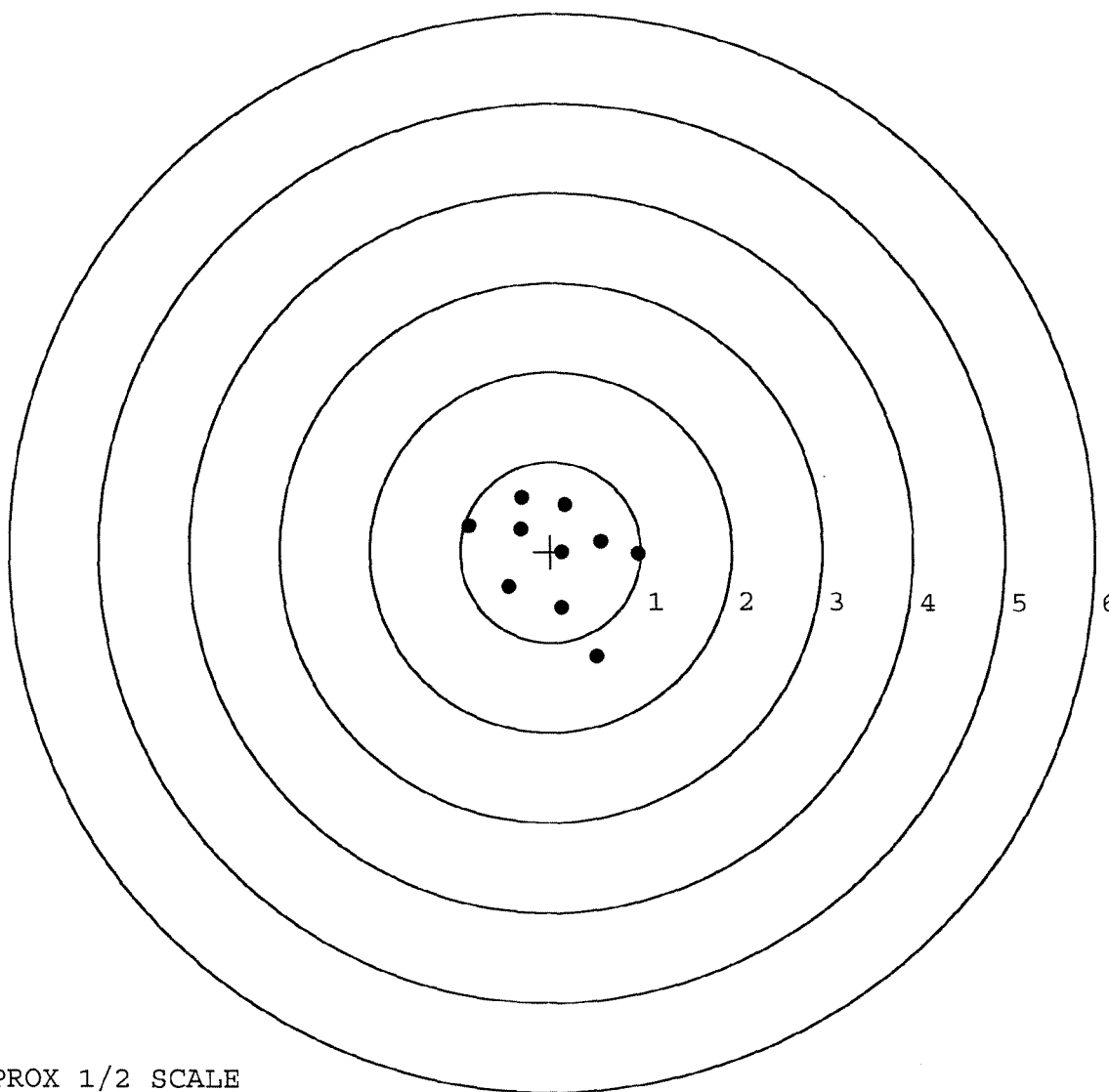
MEAN RADIUS: 0.677

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.521  | -1.164 |
| 2:     | 0.121  | -0.615 |
| 3:     | -0.461 | -0.396 |
| 4:     | 0.969  | -0.022 |
| 5:     | 0.557  | 0.125  |
| 6:     | 0.126  | -0.011 |
| 7:     | 0.158  | 0.525  |
| 8:     | -0.328 | 0.253  |
| 9:     | -0.326 | 0.604  |
| 10:    | -0.909 | 0.286  |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6591569. \_\_0

TARGET NUMBER: 2

FILE DATE: 11/04/2006

FILE TIME: 06:20

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.095  | -1.310 |
| 2:     | 0.857  | -0.401 |
| 3:     | 0.416  | -0.441 |
| 4:     | 0.238  | -0.121 |
| 5:     | -0.034 | -0.193 |
| 6:     | -0.577 | -0.299 |
| 7:     | 0.012  | 0.406  |
| 8:     | -0.312 | 0.159  |
| 9:     | -0.487 | 0.551  |
| 10:    | -0.213 | 0.398  |

X CENTROID: 0.000

Y CENTROID: -0.125

POA TO CENTROID: 0.125

HORZ SPREAD: 1.434

VERT SPREAD: 1.861

GROUP SPREAD: 1.950

MIN RADIUS: 0.076

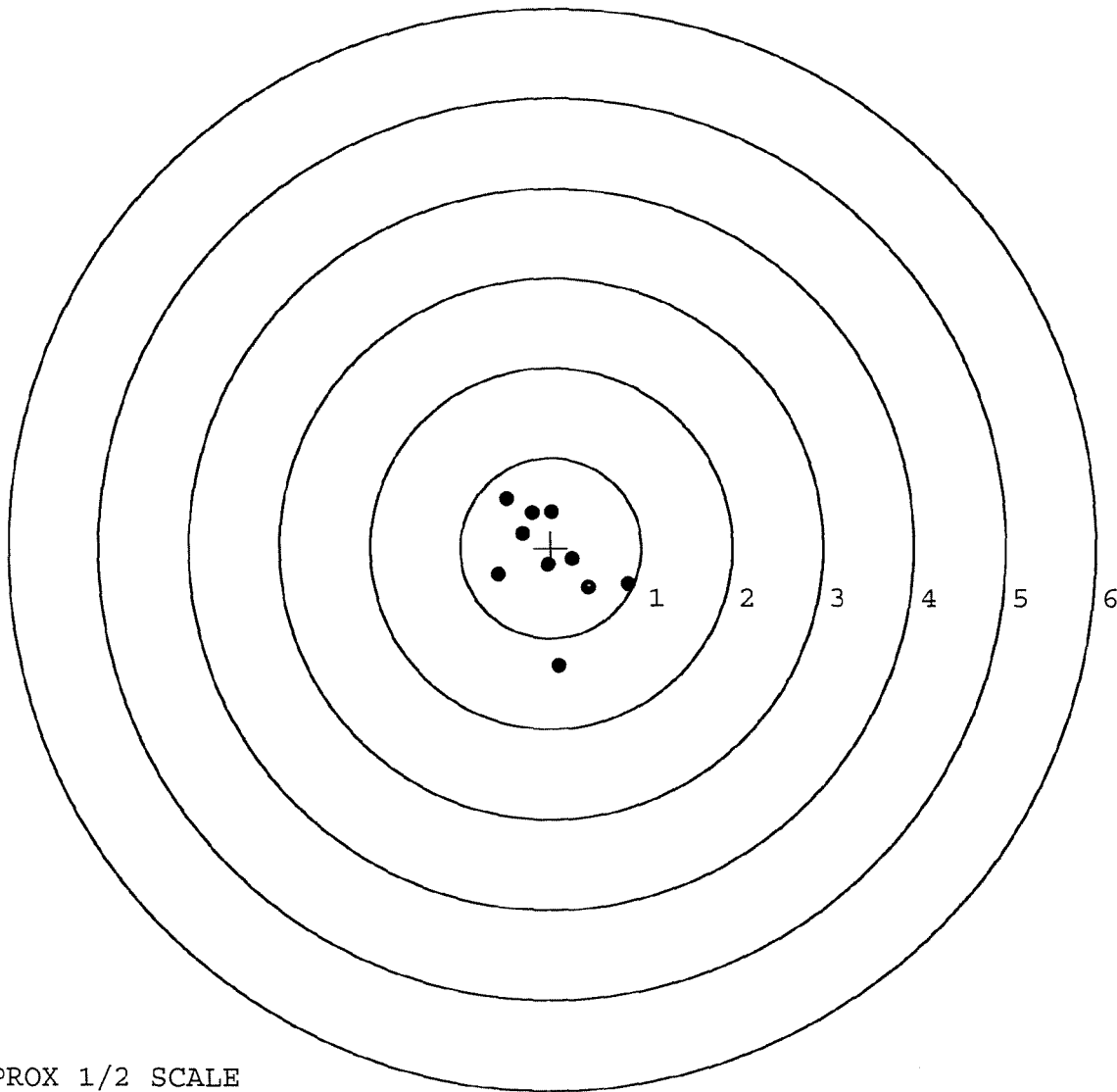
MAX RADIUS: 1.189

MEAN RADIUS: 0.588

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10

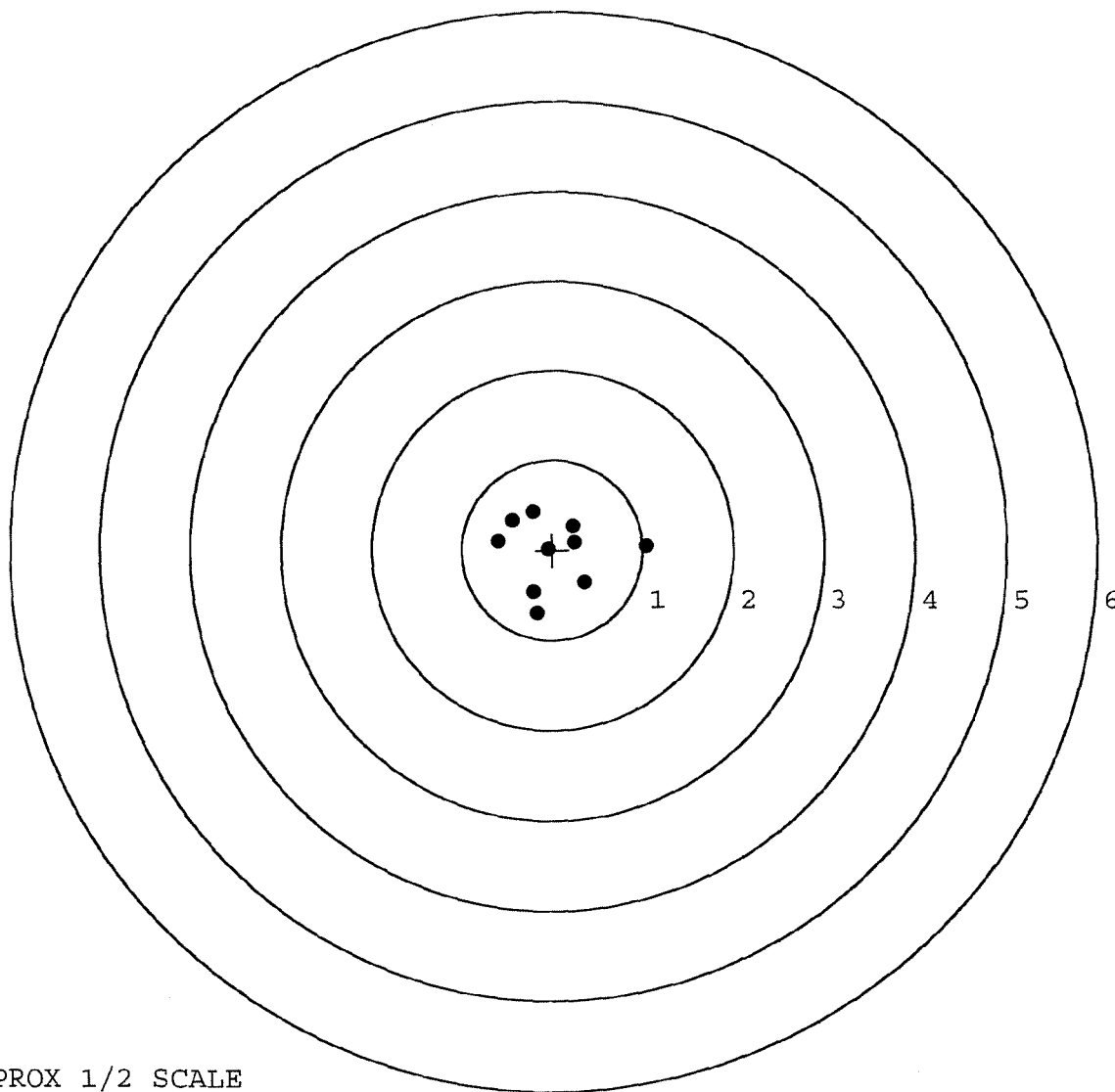


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6591569. \_\_0  
TARGET NUMBER: 3  
FILE DATE: 11/04/2006  
FILE TIME: 06:20

X CENTROID: 0.020  
Y CENTROID: -0.026  
POA TO CENTROID: 0.033  
HORZ SPREAD: 1.644  
VERT SPREAD: 1.137  
GROUP SPREAD: 1.645  
MIN RADIUS: 0.078  
MAX RADIUS: 1.029  
MEAN RADIUS: 0.515  
# IN 1 IN DIAMETER: 4  
# IN 2 IN DIAMETER: 9  
# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.166 | -0.705 |
| 2:     | -0.212 | -0.473 |
| 3:     | 0.364  | -0.363 |
| 4:     | 1.046  | 0.051  |
| 5:     | 0.253  | 0.087  |
| 6:     | 0.227  | 0.271  |
| 7:     | -0.049 | 0.009  |
| 8:     | -0.217 | 0.432  |
| 9:     | -0.446 | 0.327  |
| 10:    | -0.598 | 0.105  |

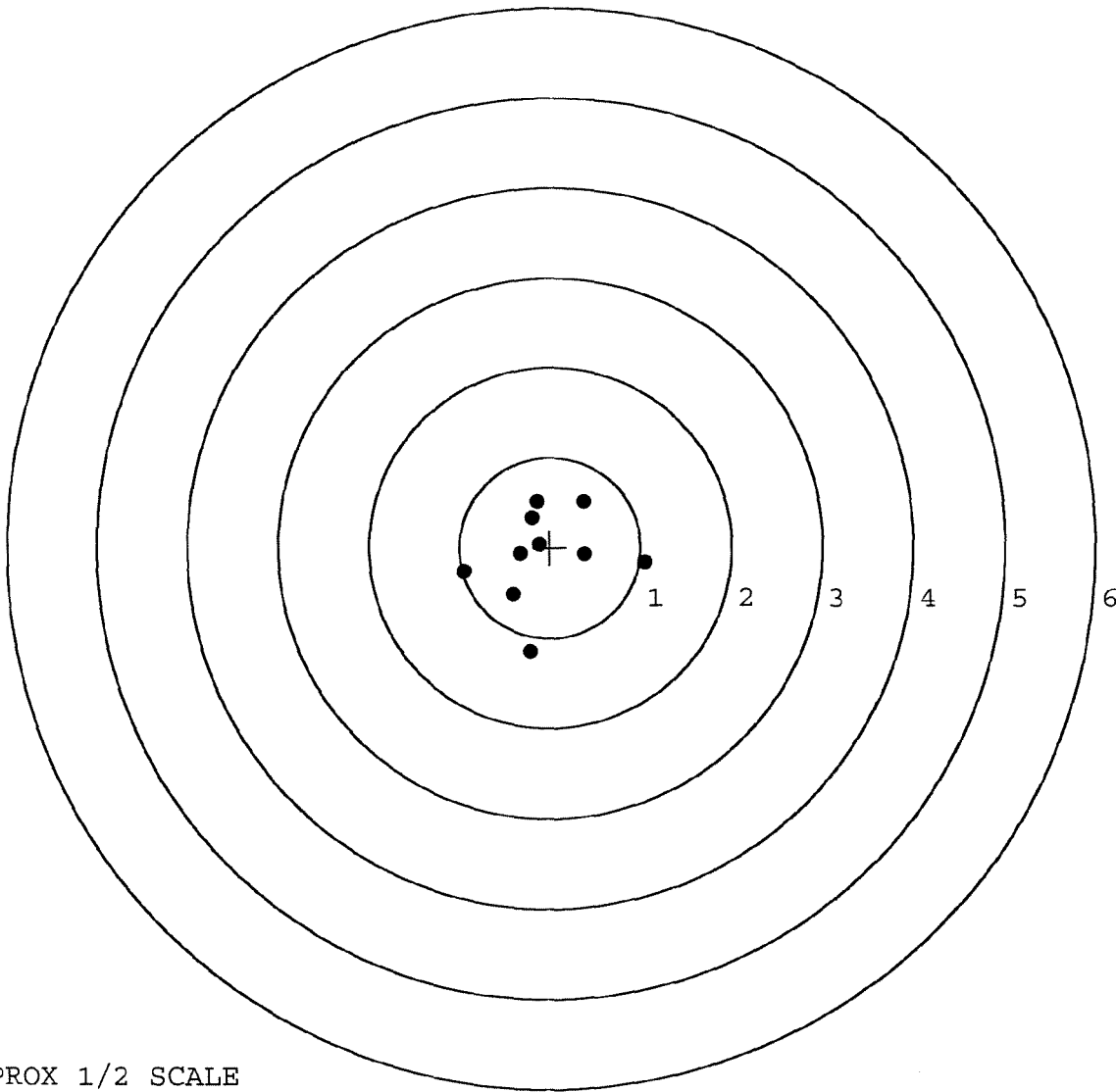


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6591569. \_\_0  
TARGET NUMBER: 4  
FILE DATE: 11/04/2006  
FILE TIME: 06:20

X CENTROID: -0.056  
Y CENTROID: -0.087  
POA TO CENTROID: 0.104  
HORZ SPREAD: 2.001  
VERT SPREAD: 1.669  
GROUP SPREAD: 2.004  
MIN RADIUS: 0.137  
MAX RADIUS: 1.107  
MEAN RADIUS: 0.630  
# IN 1 IN DIAMETER: 4  
# IN 2 IN DIAMETER: 8  
# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.216 | -1.157 |
| 2:     | 1.049  | -0.164 |
| 3:     | 0.385  | -0.078 |
| 4:     | -0.404 | -0.523 |
| 5:     | -0.952 | -0.271 |
| 6:     | -0.332 | -0.067 |
| 7:     | -0.114 | 0.037  |
| 8:     | -0.146 | 0.512  |
| 9:     | -0.205 | 0.327  |
| 10:    | 0.378  | 0.511  |

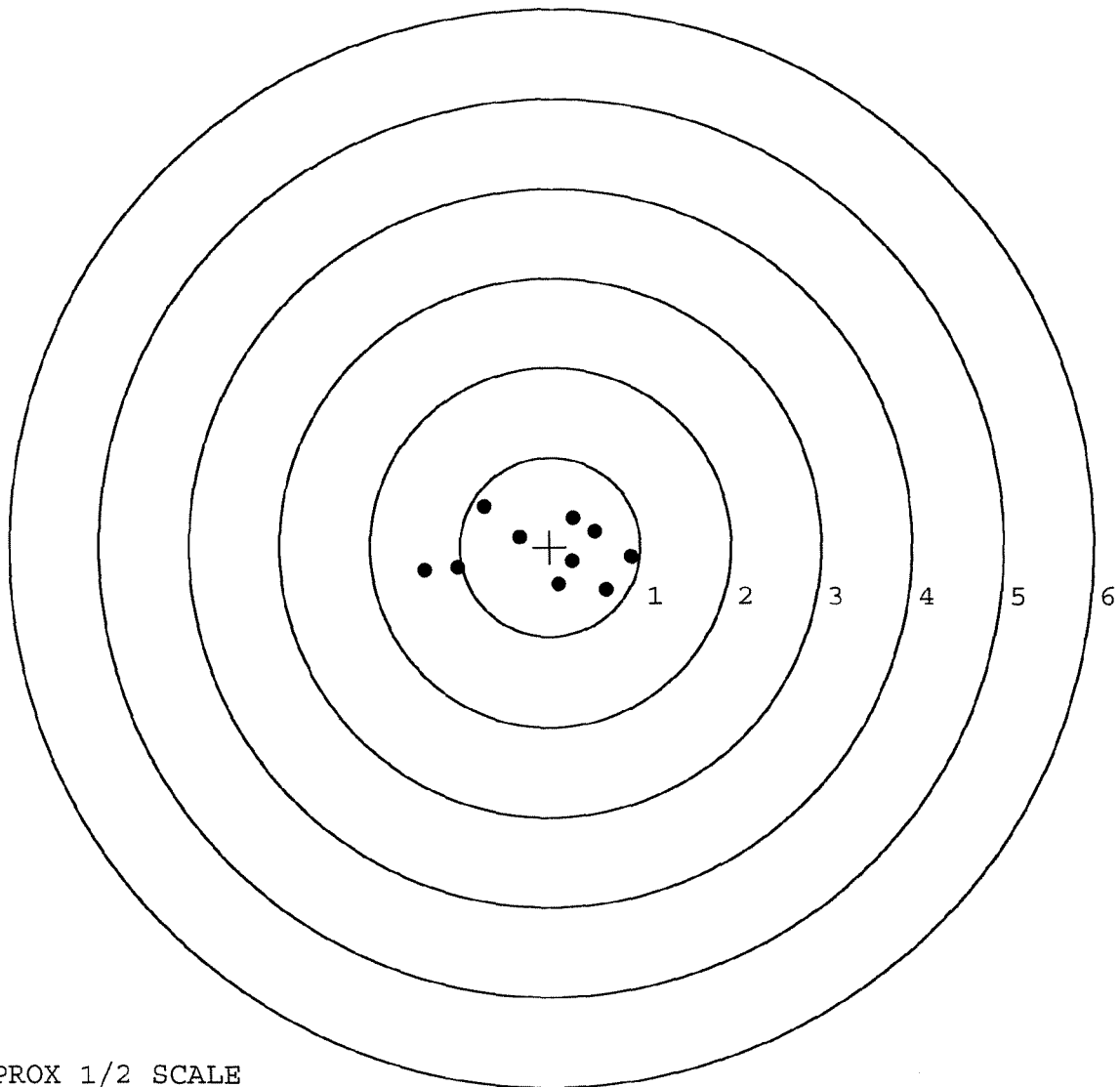


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6591569. \_\_0  
TARGET NUMBER: 5  
FILE DATE: 11/04/2006  
FILE TIME: 06:20

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -1.394 | -0.270 |
| 2:     | -1.021 | -0.240 |
| 3:     | -0.729 | 0.453  |
| 4:     | -0.344 | 0.112  |
| 5:     | 0.256  | 0.323  |
| 6:     | 0.495  | 0.178  |
| 7:     | 0.901  | -0.119 |
| 8:     | 0.628  | -0.485 |
| 9:     | 0.097  | -0.423 |
| 10:    | 0.249  | -0.165 |

X CENTROID: -0.086  
Y CENTROID: -0.064  
POA TO CENTROID: 0.107  
HORZ SPREAD: 2.295  
VERT SPREAD: 0.938  
GROUP SPREAD: 2.300  
MIN RADIUS: 0.312  
MAX RADIUS: 1.324  
MEAN RADIUS: 0.713  
# IN 1 IN DIAMETER: 3  
# IN 2 IN DIAMETER: 9  
# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6590195.\_\_0  
FILE DATE AND TIME: 11/04/2006 05:55

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.050 |
| The Average Y Centroid of the Five Target Set:              | 0.028  |
| The Average Point of Impact of the Five Target Set:         | 0.057  |
| The Average Mean Radius of the Five Target Set:             | 0.737  |
| The Distance from POA to Centroid Target #1:                | 0.058  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.041  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.151  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.100  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.077  |

SERIAL NUMBER: G6590195.\_\_\_0

TARGET NUMBER: 1

FILE DATE: 11/04/2006

FILE TIME: 05:55

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.458  | 1.005  |
| 2:     | 0.582  | 1.423  |
| 3:     | 0.256  | 0.858  |
| 4:     | 0.323  | 0.406  |
| 5:     | -1.123 | 0.693  |
| 6:     | -0.003 | -0.356 |
| 7:     | -1.122 | -0.927 |
| 8:     | -0.411 | -0.743 |
| 9:     | 0.001  | -1.068 |
| 10:    | -0.445 | -1.605 |

X CENTROID: -0.048

Y CENTROID: -0.031

POA TO CENTROID: 0.058

HORZ SPREAD: 2.581

VERT SPREAD: 3.028

GROUP SPREAD: 3.230

MIN RADIUS: 0.328

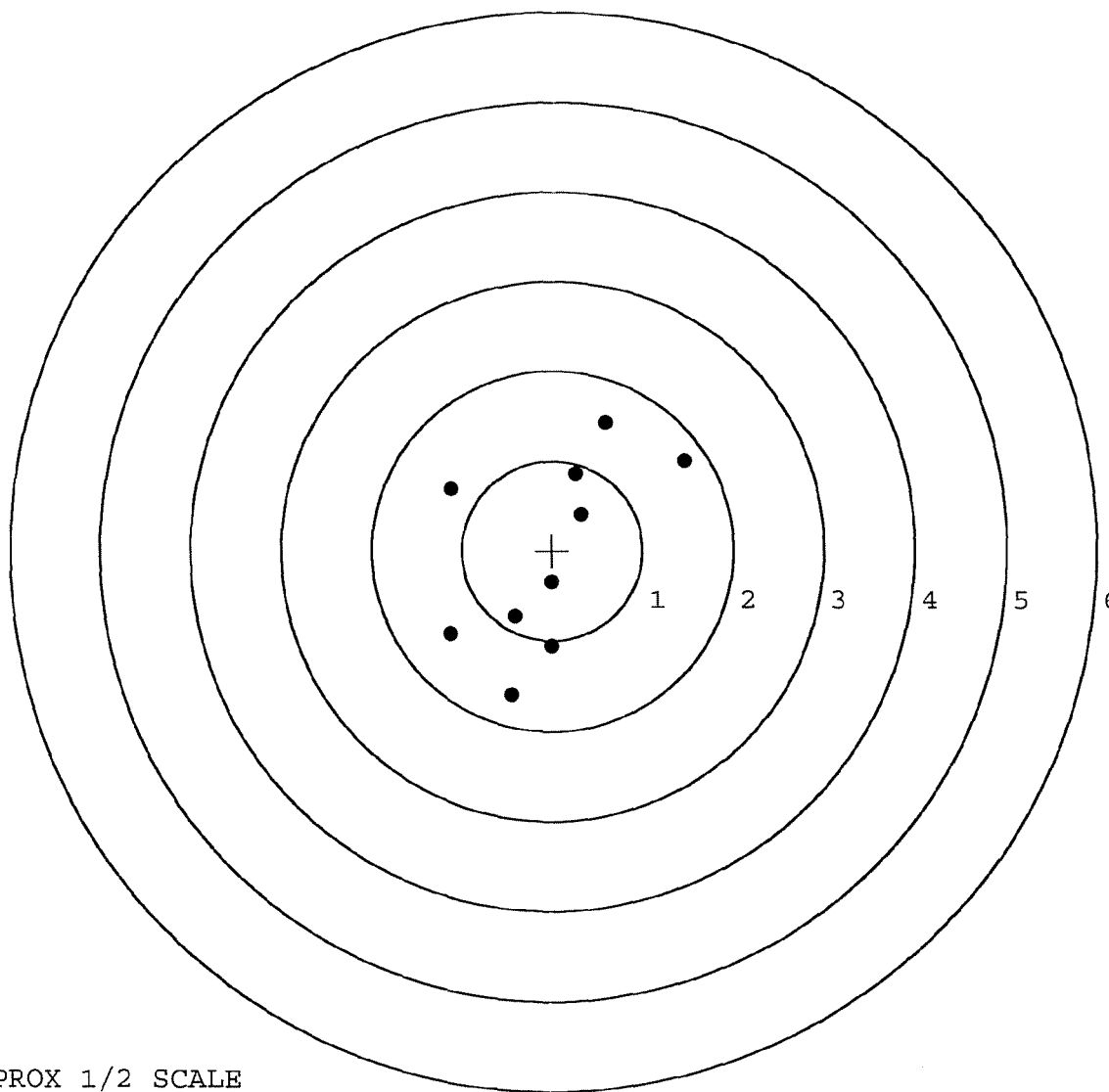
MAX RADIUS: 1.828

MEAN RADIUS: 1.141

# IN 1 IN DIAMETER: 1

# IN 2 IN DIAMETER: 4

# in 3 IN DIAMETER: 7

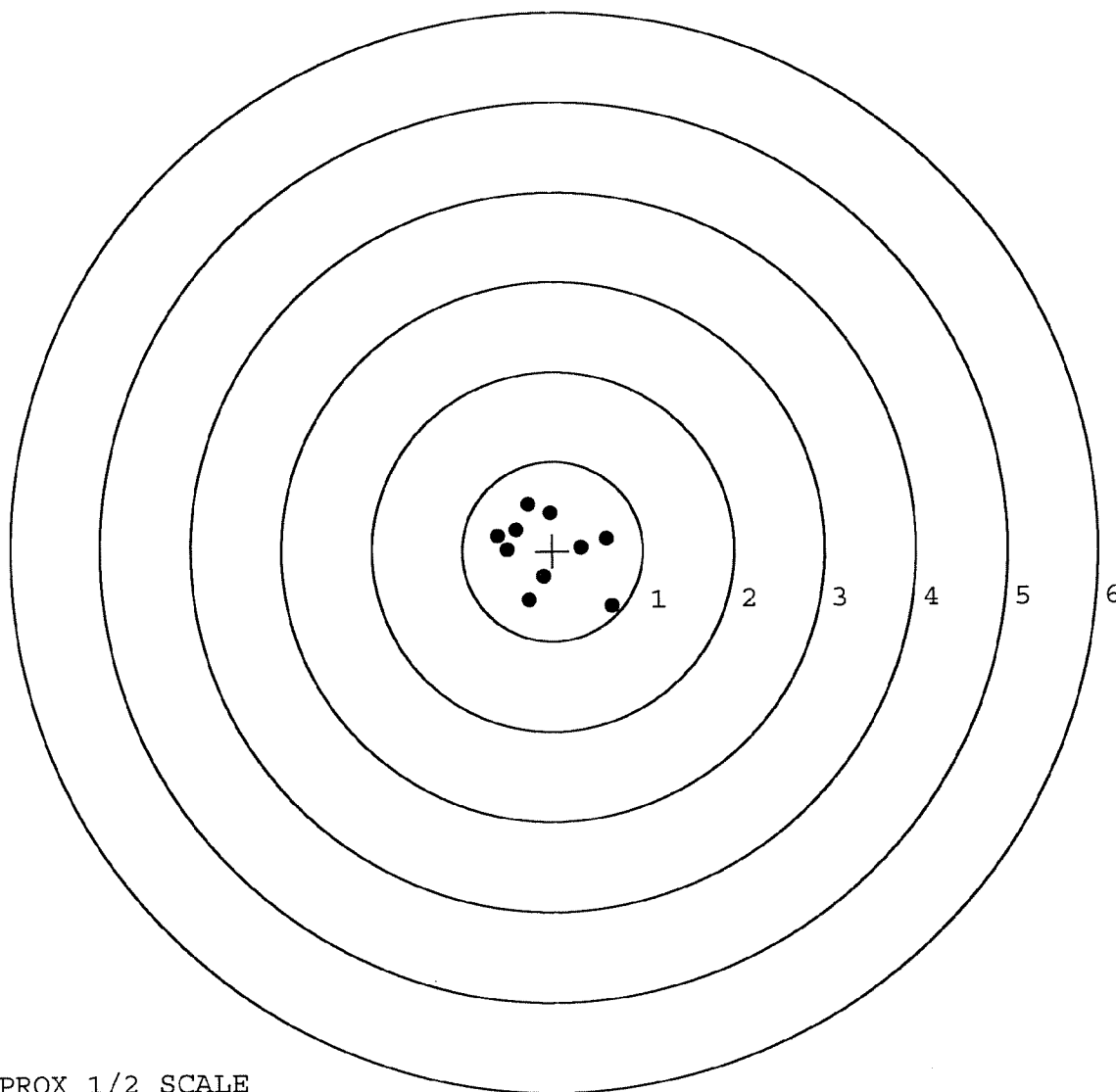


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590195. \_\_0  
TARGET NUMBER: 2  
FILE DATE: 11/04/2006  
FILE TIME: 05:55

X CENTROID: -0.060  
Y CENTROID: 0.008  
POA TO CENTROID: 0.061  
HORZ SPREAD: 1.266  
VERT SPREAD: 1.142  
GROUP SPREAD: 1.494  
MIN RADIUS: 0.299  
MAX RADIUS: 0.952  
MEAN RADIUS: 0.529  
# IN 1 IN DIAMETER: 5  
# IN 2 IN DIAMETER: 10  
# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.656  | -0.620 |
| 2:     | -0.264 | -0.549 |
| 3:     | -0.101 | -0.288 |
| 4:     | 0.598  | 0.129  |
| 5:     | 0.319  | 0.034  |
| 6:     | -0.027 | 0.422  |
| 7:     | -0.269 | 0.522  |
| 8:     | -0.610 | 0.173  |
| 9:     | -0.501 | 0.019  |
| 10:    | -0.402 | 0.237  |



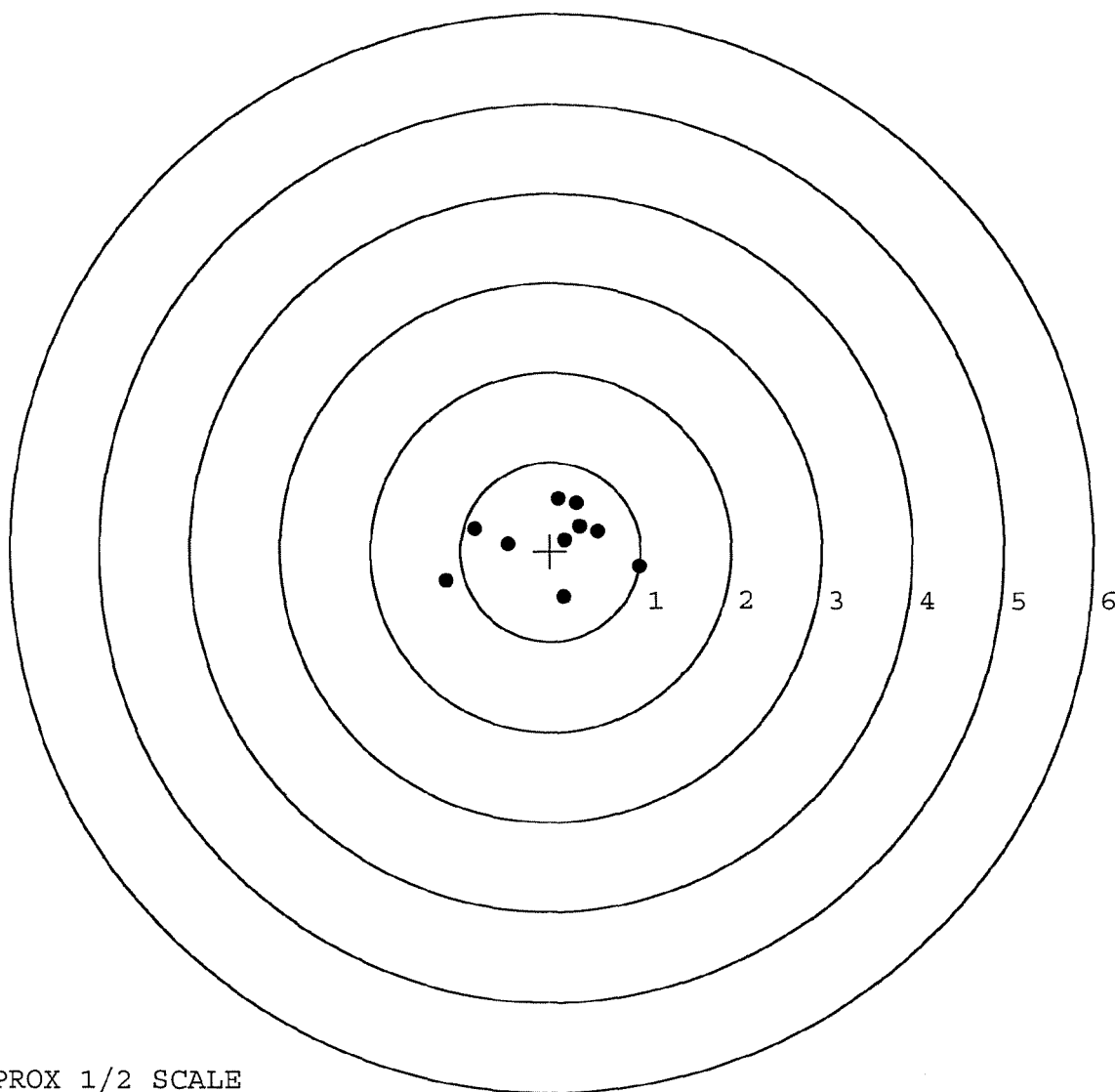
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590195. \_\_0  
TARGET NUMBER: 3  
FILE DATE: 11/04/2006  
FILE TIME: 05:55

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -1.154 | -0.330 |
| 2:     | -0.842 | 0.247  |
| 3:     | -0.467 | 0.084  |
| 4:     | 0.148  | -0.510 |
| 5:     | 0.992  | -0.172 |
| 6:     | 0.155  | 0.128  |
| 7:     | 0.520  | 0.224  |
| 8:     | 0.090  | 0.599  |
| 9:     | 0.293  | 0.544  |
| 10:    | 0.322  | 0.285  |

X CENTROID: 0.006  
Y CENTROID: 0.110  
POA TO CENTROID: 0.110  
HORZ SPREAD: 2.146  
VERT SPREAD: 1.109  
GROUP SPREAD: 2.152  
MIN RADIUS: 0.150  
MAX RADIUS: 1.240  
MEAN RADIUS: 0.629

# IN 1 IN DIAMETER: 4  
# IN 2 IN DIAMETER: 8  
# in 3 IN DIAMETER: 10

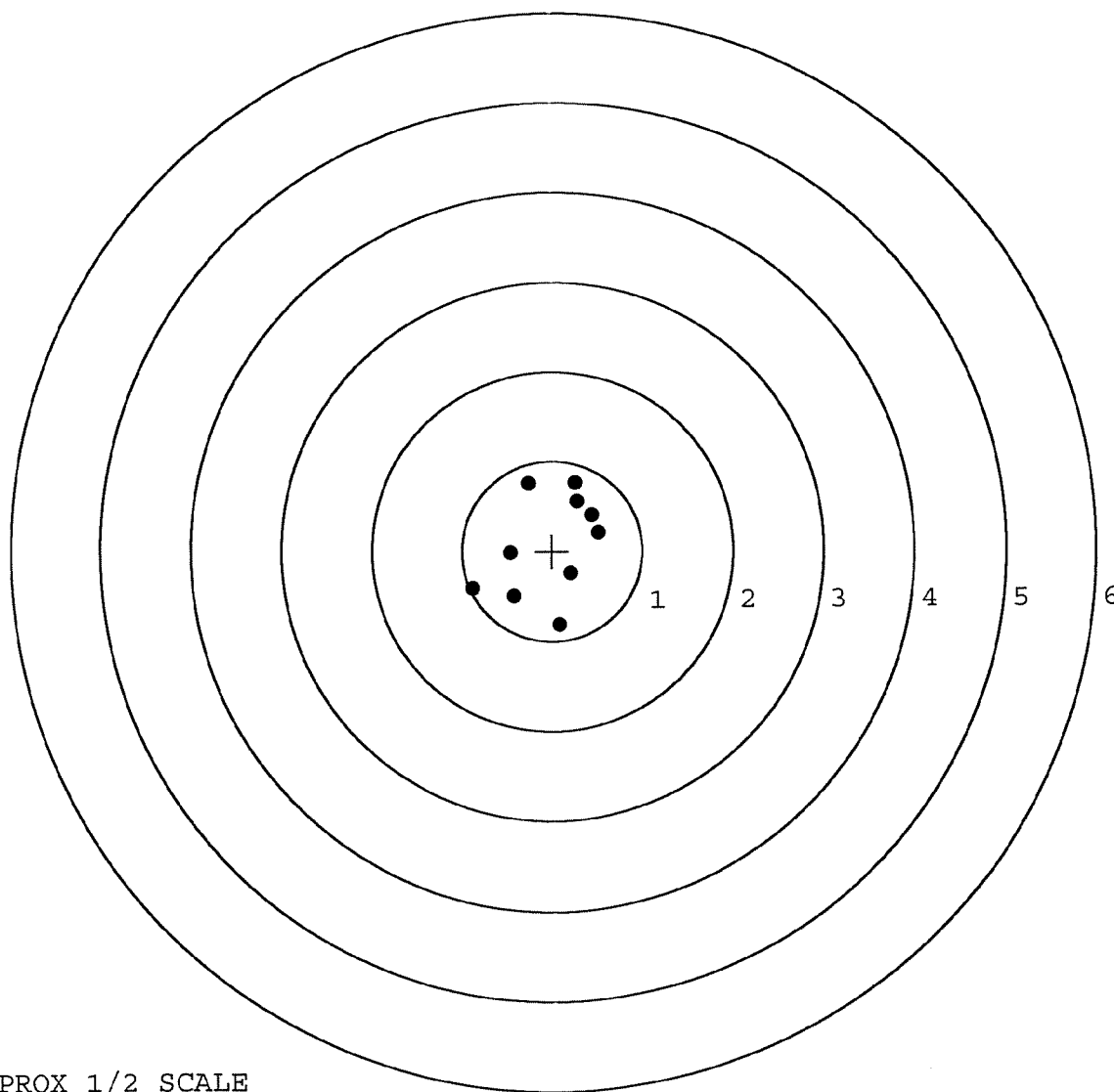


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590195. \_\_0  
TARGET NUMBER: 4  
FILE DATE: 11/04/2006  
FILE TIME: 05:55

X CENTROID: -0.023  
Y CENTROID: 0.065  
POA TO CENTROID: 0.069  
HORZ SPREAD: 1.398  
VERT SPREAD: 1.579  
GROUP SPREAD: 1.635  
MIN RADIUS: 0.388  
MAX RADIUS: 0.983  
MEAN RADIUS: 0.658  
# IN 1 IN DIAMETER: 2  
# IN 2 IN DIAMETER: 10  
# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.884 | -0.409 |
| 2:     | -0.421 | -0.503 |
| 3:     | -0.464 | -0.022 |
| 4:     | 0.083  | -0.825 |
| 5:     | 0.207  | -0.247 |
| 6:     | -0.257 | 0.751  |
| 7:     | 0.265  | 0.754  |
| 8:     | 0.286  | 0.551  |
| 9:     | 0.440  | 0.396  |
| 10:    | 0.514  | 0.205  |

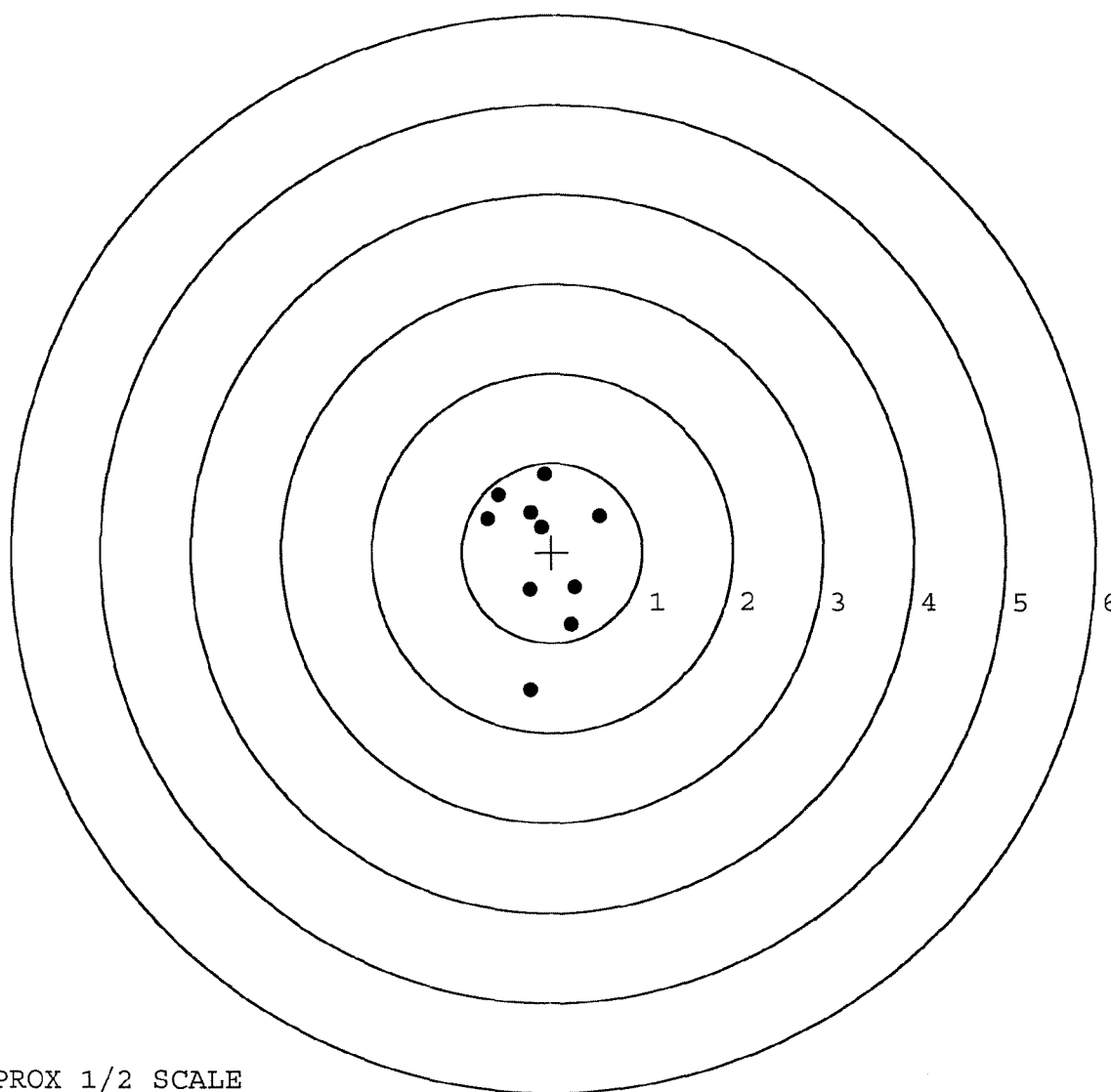


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590195. \_\_0  
TARGET NUMBER: 5  
FILE DATE: 11/04/2006  
FILE TIME: 05:55

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.233 | -1.527 |
| 2:     | 0.222  | -0.804 |
| 3:     | 0.258  | -0.390 |
| 4:     | -0.245 | -0.417 |
| 5:     | 0.529  | 0.405  |
| 6:     | -0.124 | 0.275  |
| 7:     | -0.091 | 0.871  |
| 8:     | -0.718 | 0.367  |
| 9:     | -0.596 | 0.646  |
| 10:    | -0.237 | 0.441  |

X CENTROID: -0.124  
Y CENTROID: -0.013  
POA TO CENTROID: 0.124  
HORZ SPREAD: 1.247  
VERT SPREAD: 2.398  
GROUP SPREAD: 2.402  
MIN RADIUS: 0.288  
MAX RADIUS: 1.518  
MEAN RADIUS: 0.727  
# IN 1 IN DIAMETER: 3  
# IN 2 IN DIAMETER: 9  
# in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE