

G-628 5920

## INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6285920

| OP #         | OPERATION NAME                                                 | READINGS            | DATE     | INITIAL |
|--------------|----------------------------------------------------------------|---------------------|----------|---------|
| 575 &<br>580 | ASSEMBLE ACTION<br>AND STOCK                                   |                     | 11-18-02 | RL      |
| 600          | PROOF                                                          |                     | 11-18-02 | RL      |
| 607          | CHECK HEADSPACE                                                |                     | 11-18-02 | RL      |
| 610          | DIS-ASSEMBLE GUN                                               |                     | 12-2-02  | RL      |
| 612          | MAGNAFLUX BBL ACTION<br>MAGNAFLUX BOLT                         | RL                  |          |         |
| 615          | ROLLMARK CALIBER                                               |                     | 12-6-02  | RL      |
| 617          | DRILL AND TAP<br>SIGHT HOLES                                   |                     | 12-3-02  | TRLW    |
| 620          | APPLY COATINGS<br>(BARREL ACTION)                              |                     | 12-17    | TH      |
|              | (BOLT)                                                         |                     | 12-17    | TH      |
| 625          | FINAL ASSEMBLY                                                 |                     |          |         |
|              | A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                            |                     | 1-10-03  | DA      |
|              | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD |                     | 1-10-03  | DA      |
|              | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                         |                     | 1-10-03  | DA      |
|              | D) OIL FIRING PIN ASSEMBLY                                     |                     | 1-10-03  | DA      |
|              | E) ADJUST TRIGGER PULL<br>TO MIN. SETTING AND<br>STAKE         | 2.50 LBS +/- .5 LBS |          |         |

| OP #  | OPERATION NAME                                                         | READINGS                                                    | DATE    | INITIAL |
|-------|------------------------------------------------------------------------|-------------------------------------------------------------|---------|---------|
| 625   | F) SAFETY ON FORCE <div>2 LBS MIN<br/>10 LBS MAX</div>                 | <u>9.5</u> <u>9</u> <u>9</u>                                | 3-28-03 | RW      |
| CONT. |                                                                        |                                                             |         |         |
|       | G) SAFETY OFF FORCE <div>2 LBS MIN</div>                               | <u>3</u> <u>3</u> <u>3</u>                                  | 3-28-03 | RW      |
|       | H) TRIGGER PULL TEST<br>AND RETAINABILITY                              |                                                             |         |         |
|       | I) FIRING PIN INDENT <div>.020 MIN</div>                               | <u>.0215</u> <u>.021</u> <u>.0215</u>                       | 3-28-03 | RW      |
|       | J) ASSEMBLE STOCK                                                      |                                                             | 3-27-03 | RW      |
|       | K) ASSEMBLE SWIVEL<br>STUDS                                            |                                                             | 3-28-03 | RW      |
|       | L) ATTACH FRONT AND<br>REAR SIGHT ASSY'S                               |                                                             |         |         |
|       | M) IRON SIGHT<br>ALIGNMENT                                             |                                                             |         |         |
|       | N) DETACH FRONT AND<br>REAR SIGHTS AND PLACE<br>IN NUMBERED CONTAINER  |                                                             |         |         |
| 640   | GALLERY TEST AND<br>TARGET                                             | PASS FAIL                                                   | 3-28-03 | A       |
|       | MALFUNCTION                                                            | CORRECTION                                                  | 3-28-03 | A       |
|       | MALFUNCTION                                                            | CORRECTION                                                  | 3-28-03 | A       |
|       | MALFUNCTION                                                            | CORRECTION                                                  | 3-28-03 | A       |
|       | MALFUNCTION                                                            | CORRECTION                                                  | 3-28-03 | A       |
| 645   | INSPECT FOR LIVE AMMO                                                  |                                                             | 3-28-03 | A       |
| 655   | FINAL INSPECTION<br>A) HEADSPACE                                       |                                                             | 3-28-03 | RW      |
|       | B) TRIGGER PULL <div>+/- .5 LBS<br/>MIN 2.50 LBS<br/>MAX 4.0 LBS</div> | <u>2.83</u> <u>2.83</u> <u>2.71</u> <u>2.76</u> <u>2.73</u> | 3-29-03 | RW      |
|       | C) FUNCTION                                                            |                                                             | 3-28-03 | RW      |
| 660   | PACK                                                                   |                                                             | 4/2/03  | OTA     |

2.50# + .50#  
3.00# + .75#  
4.00# + 1.00#

DATE 12-17-02

TESTER TRW

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |       | COMMENTS                                                           |
|---------|------------------|--------------------------|--------------------------------|-------|--------------------------------------------------------------------|
| PULL #1 | 2.28             | 2.56                     |                                | 2.29  | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT<br>ABLE LESS THAN |
| PULL #2 | 2.27             | 2.52                     |                                | 2.21  |                                                                    |
| PULL #3 | 2.19             | 2.24                     |                                | 2.17  |                                                                    |
| PULL #4 | 2.18             | 2.10                     |                                | 2.22  |                                                                    |
| PULL #5 | 2.17             | 2.32                     |                                | 2.23  |                                                                    |
| TOTAL   | 11.09            | 11.74                    |                                | 11.12 |                                                                    |
| AVG.    | 2.21             | 2.34                     |                                | 2.22  |                                                                    |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.33             | 3.25                     |  |          |
| PULL #2 | 3.29             | 3.41                     |  |          |
| PULL #3 | 3.17             | 3.34                     |  |          |
| PULL #4 | 3.26             | 3.28                     |  |          |
| PULL #5 | 3.04             | 3.33                     |  |          |
| TOTAL   | 16.09            | 16.61                    |  |          |
| AVG.    | 3.21             | 3.32                     |  |          |

|         | 4.00#<br>INITIAL | 4.00# AFTER<br>20 CYCLES | MAX SETTING<br>GREATER THAN 4# | RESET TO 4# &<br>TARGET & ACCU |
|---------|------------------|--------------------------|--------------------------------|--------------------------------|
| PULL #1 | 4.11             | 4.27                     |                                | 4.28                           |
| PULL #2 | 4.04             | 4.24                     |                                | 4.17                           |
| PULL #3 | 4.02             | 4.22                     |                                | 4.14                           |
| PULL #4 | 4.19             | 4.08                     |                                | 4.13                           |
| PULL #5 | 4.04             | 4.12                     |                                | 4.20                           |
| TOTAL   | 20.40            | 20.93                    |                                | 20.92                          |
| AVG.    | 4.08             | 4.18                     |                                | 4.18                           |

## SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6285920.\_\_\_0  
FILE DATE AND TIME: 03/29/2003 05:05

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | 0.011  |
| The Average Y Centroid of the Five Target Set:              | -0.104 |
| The Average Point of Impact of the Five Target Set:         | 0.105  |
| The Average Mean Radius of the Five Target Set:             | 0.676  |
| The Distance from POA to Centroid Target #1:                | 0.329  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.356  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.491  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.475  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.300  |

SERIAL NUMBER: G6285920. \_\_0

TARGET NUMBER: 1

FILE DATE: 03/29/2003

FILE TIME: 05:05

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.221  | -0.796 |
| 2:     | 0.659  | -0.284 |
| 3:     | 0.678  | -0.110 |
| 4:     | 0.331  | 0.318  |
| 5:     | 0.142  | 0.173  |
| 6:     | -0.103 | 0.272  |

X CENTROID: 0.321

Y CENTROID: -0.071

POA TO CENTROID: 0.329

HORZ SPREAD: 0.781

VERT SPREAD: 1.114

GROUP SPREAD: 1.119

MIN RADIUS: 0.303

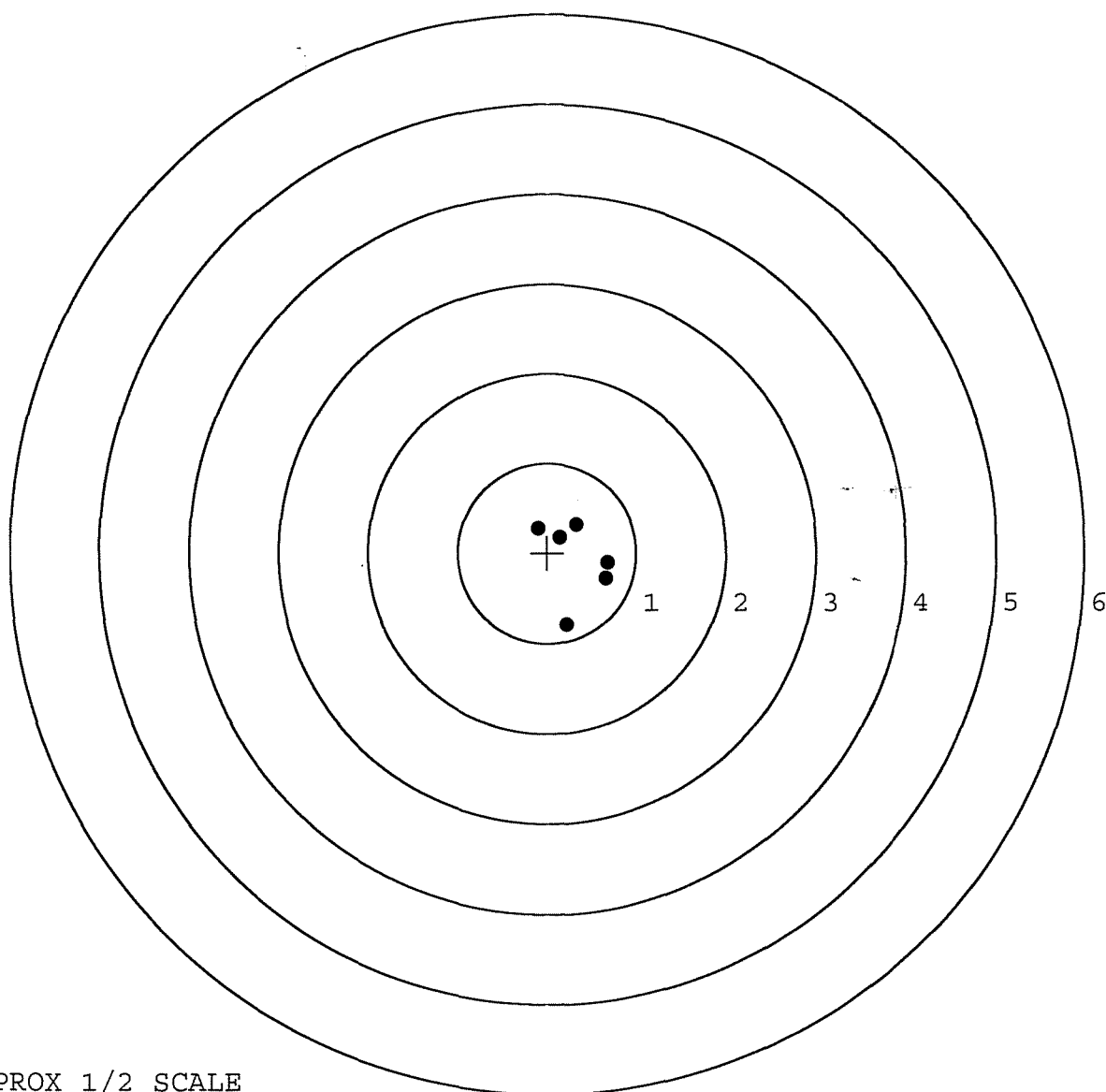
MAX RADIUS: 0.732

MEAN RADIUS: 0.455

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 6

# in 3 IN DIAMETER: 6



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6285920. \_\_0

TARGET NUMBER: 2

FILE DATE: 03/29/2003

FILE TIME: 05:05

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.375  | -0.593 |
| 2:     | 1.724  | 0.359  |
| 3:     | 0.531  | 0.125  |
| 4:     | 0.109  | -0.184 |
| 5:     | -0.498 | -0.997 |
| 6:     | -0.458 | -0.330 |
| 7:     | -1.181 | -0.282 |
| 8:     | -1.298 | 0.030  |
| 9:     | -0.518 | 0.212  |
| 10:    | -0.064 | 0.275  |

X CENTROID: -0.028

Y CENTROID: -0.138

POA TO CENTROID: 0.141

HORZ SPREAD: 3.022

VERT SPREAD: 1.356

GROUP SPREAD: 3.040

MIN RADIUS: 0.144

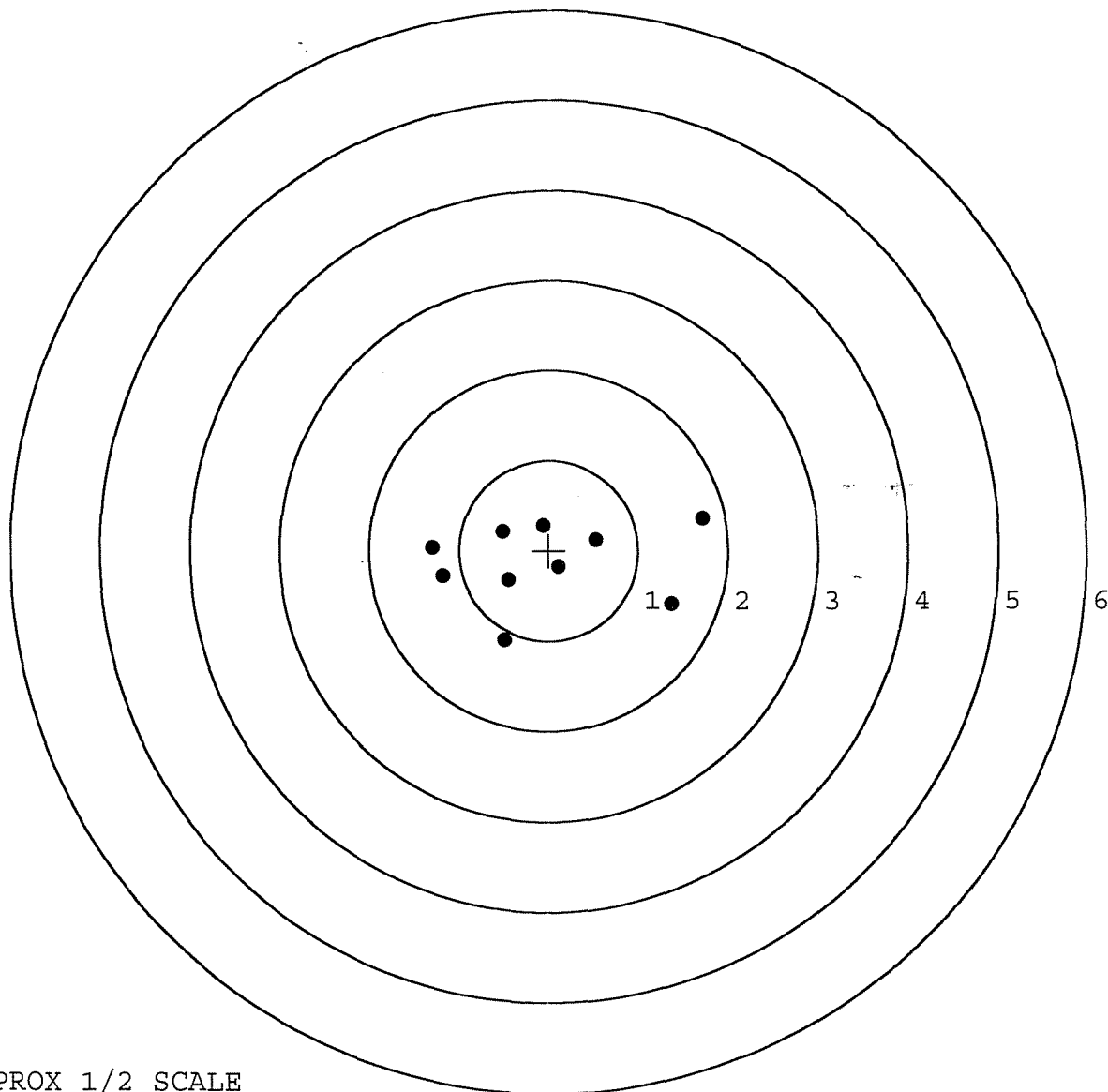
MAX RADIUS: 1.821

MEAN RADIUS: 0.897

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 6

# in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6285920. \_\_0

TARGET NUMBER: 3

FILE DATE: 03/29/2003

FILE TIME: 05:05

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.756  | -0.325 |
| 2:     | 0.132  | -0.075 |
| 3:     | 0.859  | 0.654  |
| 4:     | -0.067 | -0.387 |
| 5:     | -0.278 | -0.062 |
| 6:     | -0.514 | 0.015  |
| 7:     | -0.742 | 0.402  |
| 8:     | -0.731 | 0.067  |
| 9:     | -0.903 | -0.081 |
| 10:    | -0.161 | -0.243 |

X CENTROID: -0.165

Y CENTROID: -0.003

POA TO CENTROID: 0.165

HORZ SPREAD: 1.762

VERT SPREAD: 1.041

GROUP SPREAD: 1.909

MIN RADIUS: 0.127

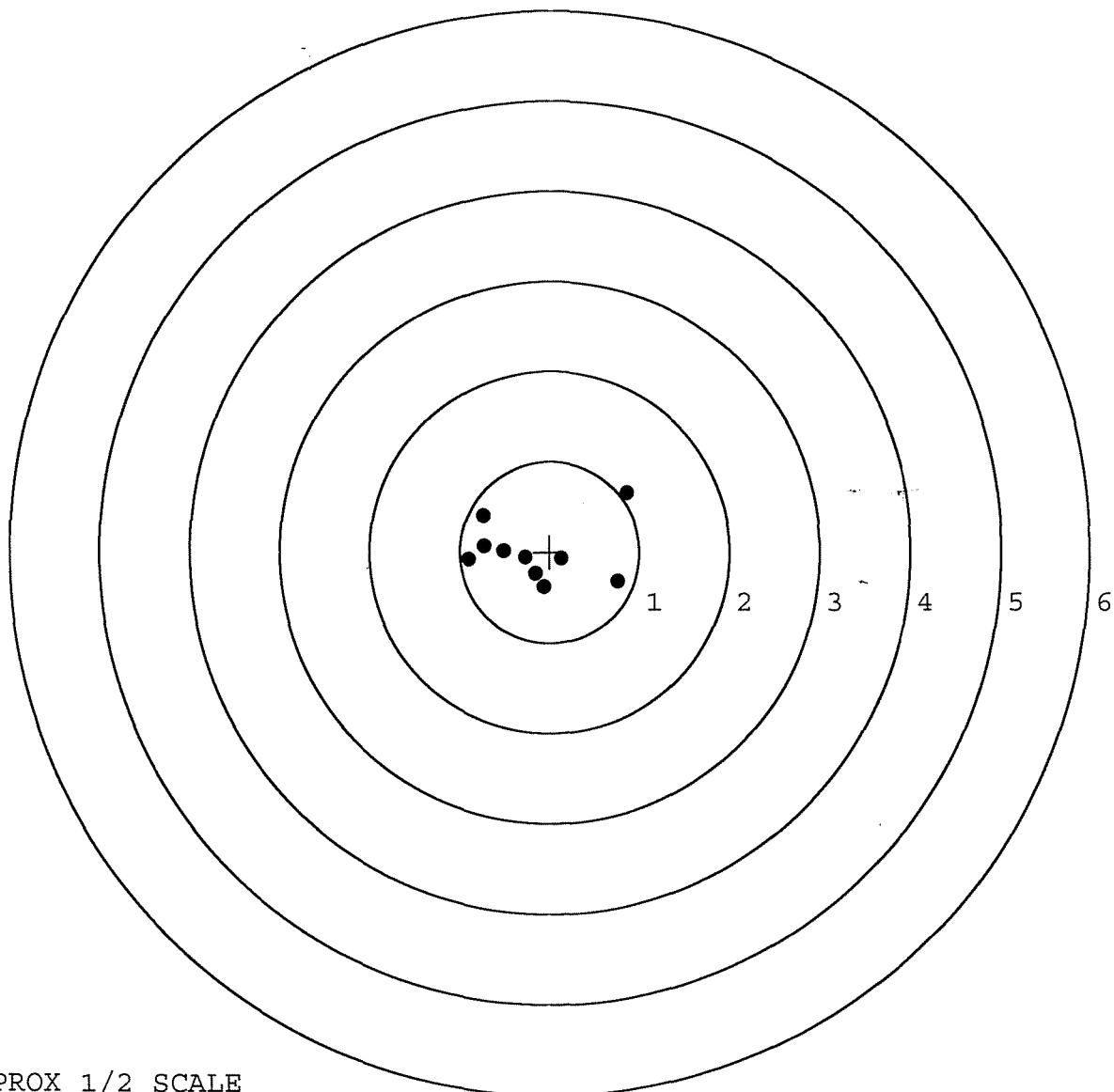
MAX RADIUS: 1.217

MEAN RADIUS: 0.563

# IN 1 IN DIAMETER: 5

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6285920. 0

TARGET NUMBER: 4

FILE DATE: 03/29/2003

FILE TIME: 05:05

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.973  | -0.749 |
| 2:     | -1.494 | -0.876 |
| 3:     | -1.073 | 0.093  |
| 4:     | -1.185 | 0.687  |
| 5:     | -0.689 | 0.140  |
| 6:     | -0.095 | -0.310 |
| 7:     | 0.111  | -0.200 |
| 8:     | 0.395  | 0.056  |
| 9:     | 0.544  | 0.171  |
| 10:    | 0.974  | 0.370  |

X CENTROID: -0.154

Y CENTROID: -0.062

POA TO CENTROID: 0.166

HORZ SPREAD: 2.468

VERT SPREAD: 1.563

GROUP SPREAD: 2.765

MIN RADIUS: 0.255

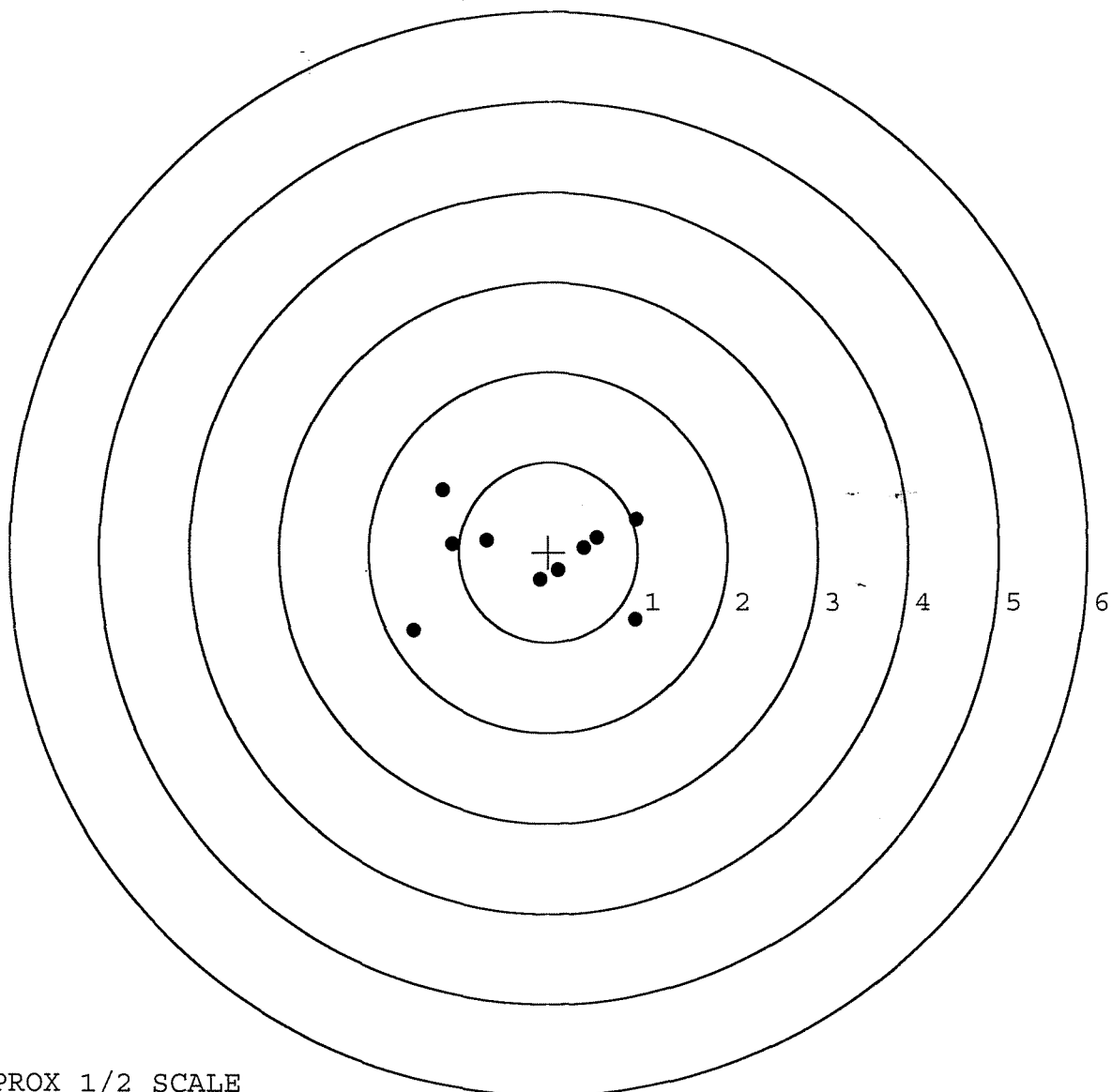
MAX RADIUS: 1.568

MEAN RADIUS: 0.872

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 6

# in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6285920. 0

TARGET NUMBER: 5

FILE DATE: 03/29/2003

FILE TIME: 05:05

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.025  | -1.460 |
| 2:     | 0.034  | -0.550 |
| 3:     | -0.713 | -0.505 |
| 4:     | 0.582  | -0.181 |
| 5:     | 0.432  | 0.008  |
| 6:     | 0.178  | -0.193 |
| 7:     | 0.295  | 0.385  |
| 8:     | -0.140 | -0.007 |
| 9:     | -0.348 | 0.014  |
| 10:    | -0.555 | 0.014  |

X CENTROID: 0.079

Y CENTROID: -0.247

POA TO CENTROID: 0.260

HORZ SPREAD: 1.738

VERT SPREAD: 1.845

GROUP SPREAD: 2.161

MIN RADIUS: 0.113

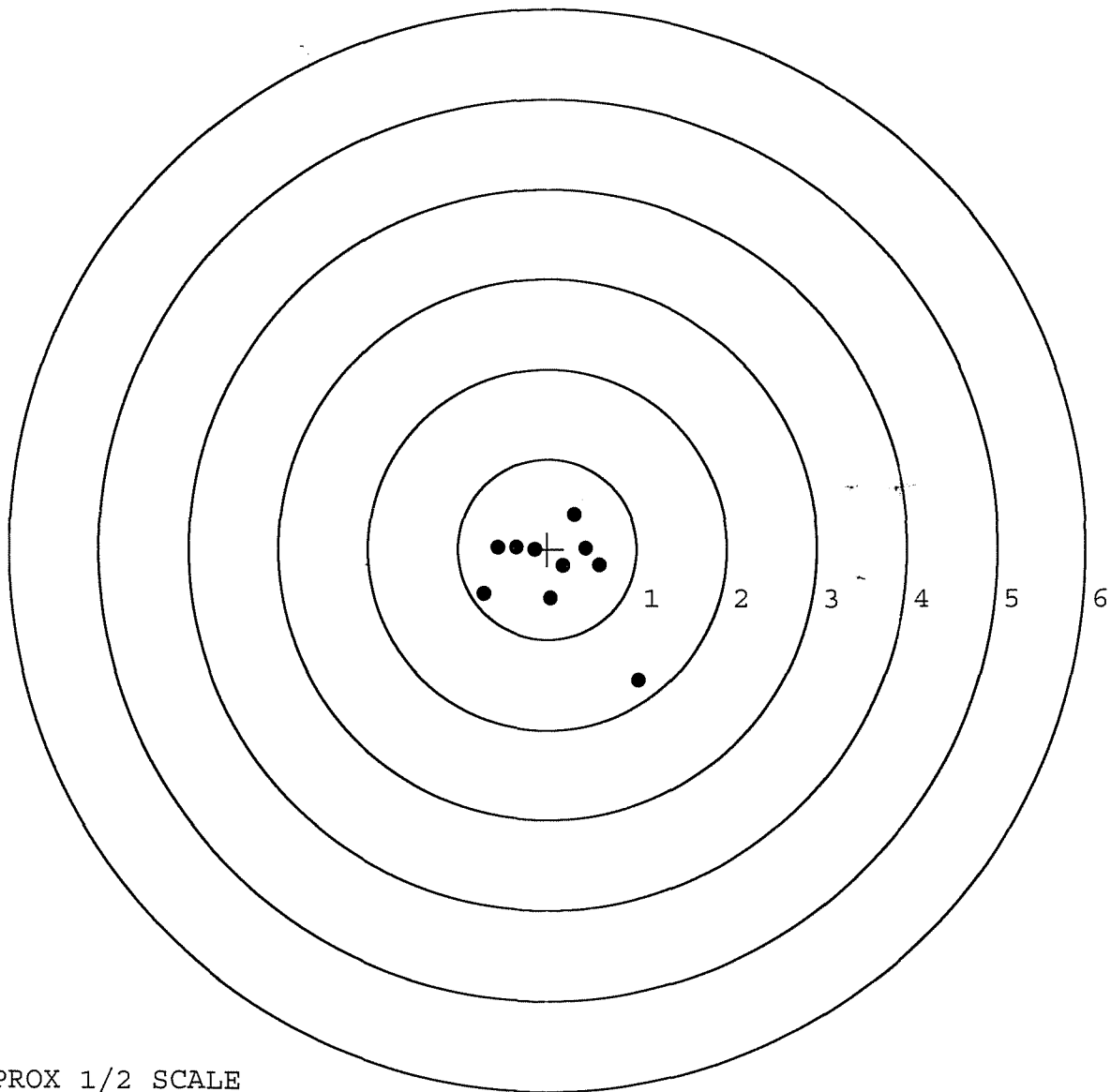
MAX RADIUS: 1.538

MEAN RADIUS: 0.591

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE