

G-6285925

M-24  
INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G628 5925

| OP #      | OPERATION NAME                                                                                                                         | READINGS | DATE     | INITIAL |
|-----------|----------------------------------------------------------------------------------------------------------------------------------------|----------|----------|---------|
| 575 & 580 | ASSEMBLE ACTION AND STOCK                                                                                                              |          | 11-18-02 | RL      |
| 600       | PROOF                                                                                                                                  |          | 11-19-02 | Ac      |
| 607       | CHECK HEADSPACE                                                                                                                        |          | 11-19-02 | Ac      |
| 610       | DIS-ASSEMBLE GUN                                                                                                                       |          | 12-2-02  | RL      |
| 612       | MAGNAFLUX BBL ACTION<br>MAGNAFLUX BOLT                                                                                                 | RR       |          |         |
| 615       | ROLLMARK CALIBER                                                                                                                       |          | 12-6-02  | JB      |
| 617       | DRILL AND TAP<br>SIGHT HOLES                                                                                                           |          | 12-3-02  | TRL     |
| 620       | APPLY COATINGS<br>(BARREL ACTION)                                                                                                      |          | 12-17    | TA      |
|           | (BOLT)                                                                                                                                 |          | 12-17    | TA      |
| 625       | FINAL ASSEMBLY                                                                                                                         |          |          |         |
|           | A) CLEAN INSIDE OF<br>BOLT ASSEMBLY                                                                                                    |          | 1-2-03   | DA      |
|           | B) INSPECT REAR FIRING<br>PIN HOLE FOR CHAMFER<br>IN BOLT HEAD                                                                         |          | 1-2-03   | DA      |
|           | C) INSPECT EJECTOR<br>HOLE FOR CHAMFER                                                                                                 |          | 1-2-03   | DA      |
|           | D) OIL FIRING PIN ASSEMBLY                                                                                                             |          | 1-2-03   | DA      |
|           | 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 <span>2 LBS MIN<br/>10 LBS MAX</span>                 | <u>10</u> <u>9</u> <u>9</u>                                 | 3-28-03 | RW      |
| CONT. | G) SAFETY OFF FORCE <span>2 LBS MIN</span>                               | <u>3</u> <u>3</u> <u>3</u>                                  | 3-28-03 | RW      |
|       | H) TRIGGER PULL TEST<br>AND RETAINABILITY                                |                                                             |         |         |
|       | I) FIRING PIN INDENT <span>.020 MIN</span>                               | <u>.0225</u> <u>.022</u> <u>.021</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 | ✓       |
|       | MALFUNCTION                                                              | CORRECTION                                                  | 3-28-03 | ✓       |
|       | MALFUNCTION                                                              | CORRECTION                                                  | 3-28-03 | ✓       |
|       | MALFUNCTION                                                              | CORRECTION                                                  | 3-28-03 | ✓       |
|       | MALFUNCTION                                                              | CORRECTION                                                  | 3-28-03 | ✓       |
| 645   | INSPECT FOR LIVE AMMO                                                    |                                                             | 3-28-03 | ✓       |
| 655   | FINAL INSPECTION<br>A) HEADSPACE                                         |                                                             | 3-28-03 | RW      |
|       | B) TRIGGER PULL <span>+/- .5 LBS<br/>MIN 2.50 LBS<br/>MAX 4.0 LBS</span> | <u>2.90</u> <u>2.68</u> <u>2.70</u> <u>2.62</u> <u>2.53</u> | 3-28-03 | RW      |
|       | C) FUNCTION                                                              |                                                             | 3-28-03 | RW      |
| 660   | PACK                                                                     |                                                             | 4/2/03  | WA      |

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS  
2.50# ± .50#  
3.00# ± .75#  
4.00# ± 1.00#

SERIAL NO. \_\_\_\_\_

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 | 2.52             | 2.51                     |                                | 2.15 | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT<br>ABLE LESS THAN |
| PULL #2 | 2.35             | 2.53                     |                                | 2.19 |                                                                    |
| PULL #3 | 2.32             | 2.42                     |                                | 2.12 |                                                                    |
| PULL #4 | 2.25             | 2.47                     |                                | 2.21 |                                                                    |
| PULL #5 | 2.24             | 2.44                     |                                | 2.11 |                                                                    |
| TOTAL   | 11.68            | 12.37                    |                                |      |                                                                    |
| AVG.    | 2.33             | 2.47                     |                                |      |                                                                    |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.44             | 3.36                     |  |          |
| PULL #2 | 3.49             | 3.33                     |  |          |
| PULL #3 | 3.40             | 3.31                     |  |          |
| PULL #4 | 3.36             | 3.20                     |  |          |
| PULL #5 | 3.39             | 3.17                     |  |          |
| TOTAL   | 17.08            | 16.37                    |  |          |
| AVG.    | 3.41             | 3.27                     |  |          |

|         | 4.00#<br>INITIAL | 4.00# AFTER<br>20 CYCLES | MAX SETTING<br>GREATER THAN 4# | RESET TO 4#<br>TARGET & ACCU |
|---------|------------------|--------------------------|--------------------------------|------------------------------|
| PULL #1 | 4.41             | 4.40                     |                                | 4.15                         |
| PULL #2 | 4.38             | 4.34                     |                                | 4.16                         |
| PULL #3 | 4.44             | 4.35                     |                                | 4.15                         |
| PULL #4 | 4.08             | 4.40                     |                                | 4.33                         |
| PULL #5 | 4.36             | 4.49                     |                                | 4.17                         |
| TOTAL   | 21.67            | 21.98                    |                                | 20.96                        |
| AVG.    | 4.33             | 4.39                     |                                | 4.19                         |

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6285925.\_\_\_0  
FILE DATE AND TIME: 03/29/2003 05:15

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | 0.005  |
| The Average Y Centroid of the Five Target Set:              | -0.176 |
| The Average Point of Impact of the Five Target Set:         | 0.177  |
| The Average Mean Radius of the Five Target Set:             | 0.767  |
| The Distance from POA to Centroid Target #1:                | 0.074  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.564  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.198  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.203  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.194  |

SERIAL NUMBER: G6285925. \_\_0

TARGET NUMBER: 1

FILE DATE: 03/29/2003

FILE TIME: 05:15

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.069 | -0.964 |
| 2:     | 0.794  | -0.289 |
| 3:     | 0.614  | -0.180 |
| 4:     | 0.461  | -0.144 |
| 5:     | 0.768  | 0.516  |
| 6:     | 0.615  | 2.212  |
| 7:     | -0.294 | -0.074 |
| 8:     | -0.434 | -0.203 |
| 9:     | -0.726 | -0.376 |
| 10:    | -1.001 | -0.345 |

X CENTROID: 0.073

Y CENTROID: 0.015

POA TO CENTROID: 0.074

HORZ SPREAD: 1.795

VERT SPREAD: 3.176

GROUP SPREAD: 3.249

MIN RADIUS: 0.378

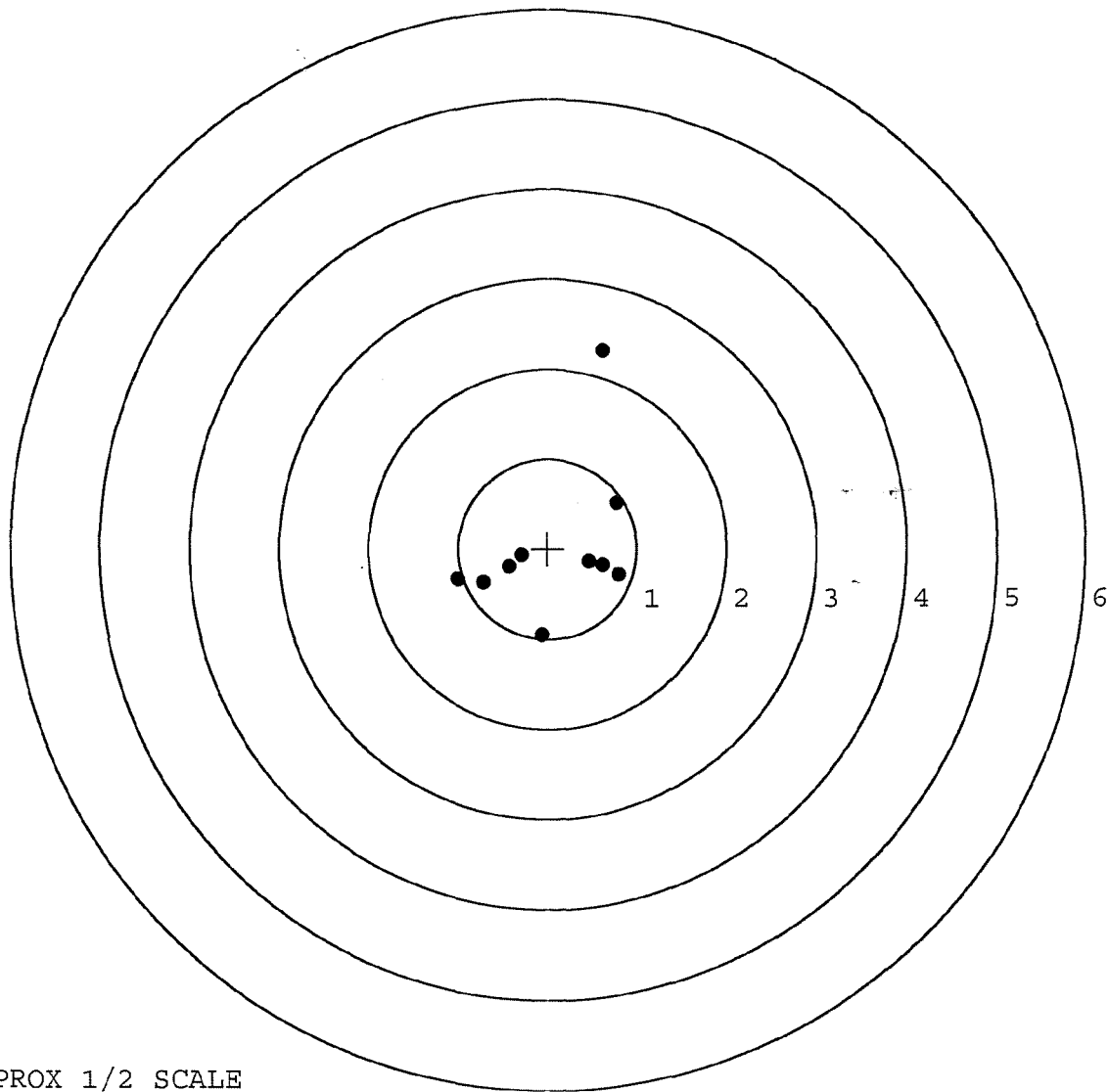
MAX RADIUS: 2.263

MEAN RADIUS: 0.884

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6285925. 0

TARGET NUMBER: 2

FILE DATE: 03/29/2003

FILE TIME: 05:15

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.423  | -1.093 |
| 2:     | -0.621 | -1.442 |
| 3:     | -1.001 | -1.138 |
| 4:     | -0.807 | -0.906 |
| 5:     | -0.641 | -0.655 |
| 6:     | -0.373 | -0.381 |
| 7:     | 0.322  | -0.107 |
| 8:     | -0.176 | 0.107  |
| 9:     | 0.051  | 0.385  |
| 10:    | 0.234  | 0.816  |

X CENTROID: -0.259

Y CENTROID: -0.441

POA TO CENTROID: 0.512

HORZ SPREAD: 1.424

VERT SPREAD: 2.258

GROUP SPREAD: 2.414

MIN RADIUS: 0.129

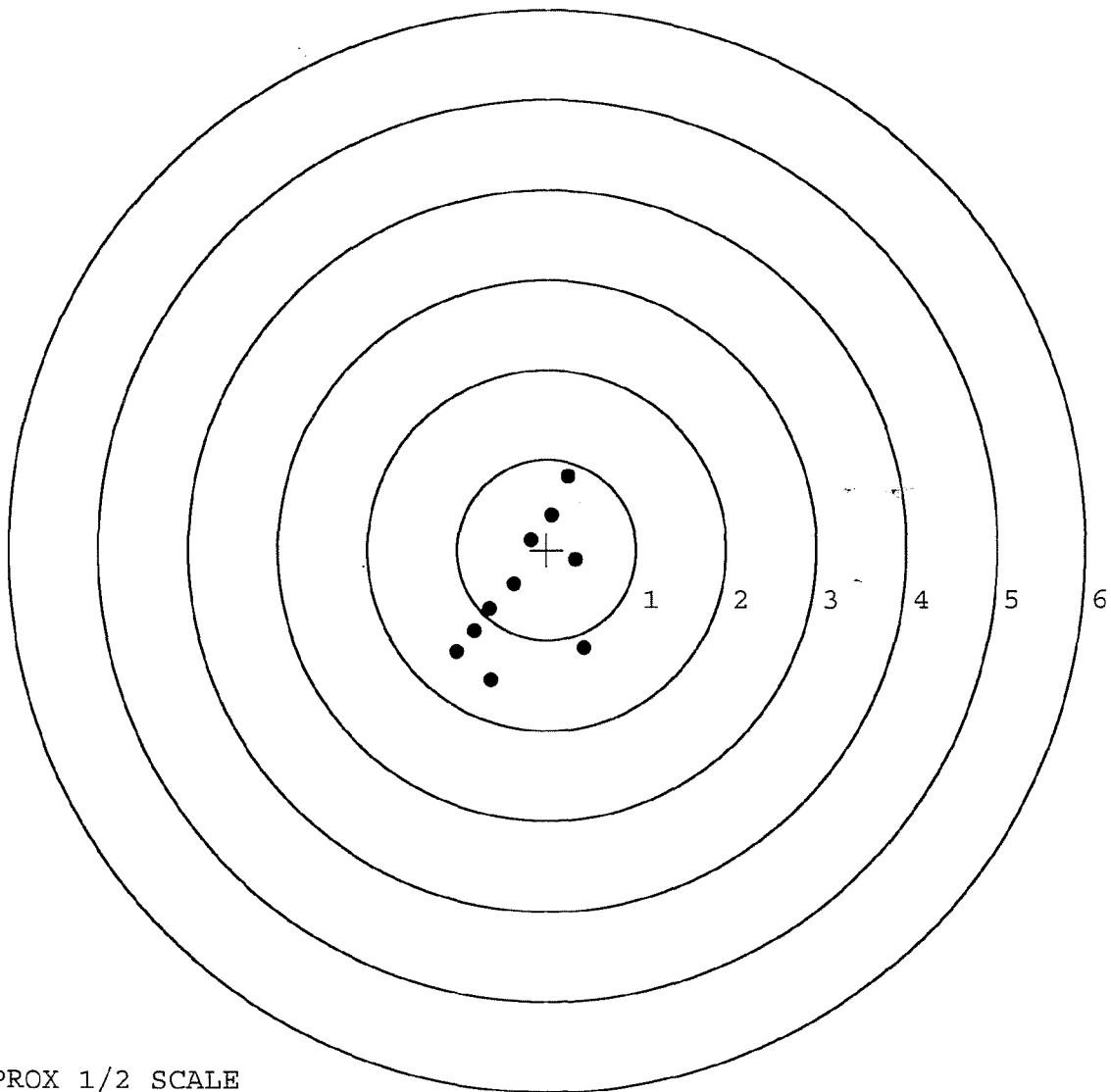
MAX RADIUS: 1.351

MEAN RADIUS: 0.777

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 7

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6285925. \_\_ 0

TARGET NUMBER: 3

FILE DATE: 03/29/2003

FILE TIME: 05:15

X CENTROID: -0.030

Y CENTROID: -0.154

POA TO CENTROID: 0.157

HORZ SPREAD: 2.727

VERT SPREAD: 1.522

GROUP SPREAD: 2.787

MIN RADIUS: 0.058

MAX RADIUS: 1.624

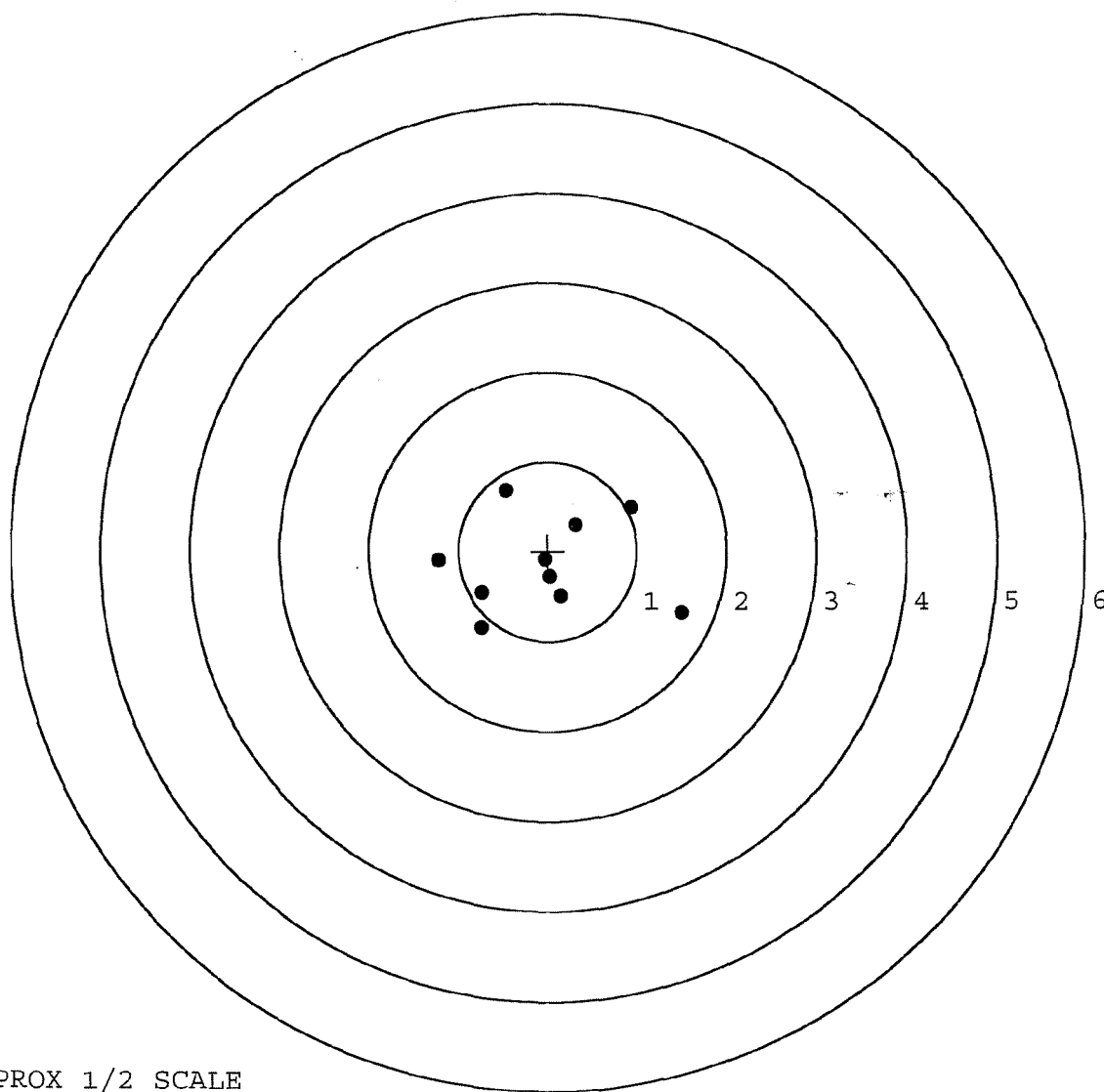
MEAN RADIUS: 0.784

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 7

# in 3 IN DIAMETER: 9

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.506  | -0.683 |
| 2:     | 0.939  | 0.488  |
| 3:     | 0.312  | 0.288  |
| 4:     | -0.480 | 0.674  |
| 5:     | -0.038 | -0.096 |
| 6:     | 0.023  | -0.288 |
| 7:     | 0.144  | -0.501 |
| 8:     | -0.741 | -0.848 |
| 9:     | -0.741 | -0.463 |
| 10:    | -1.221 | -0.108 |



TARGET APPROX 1/2 SCALE

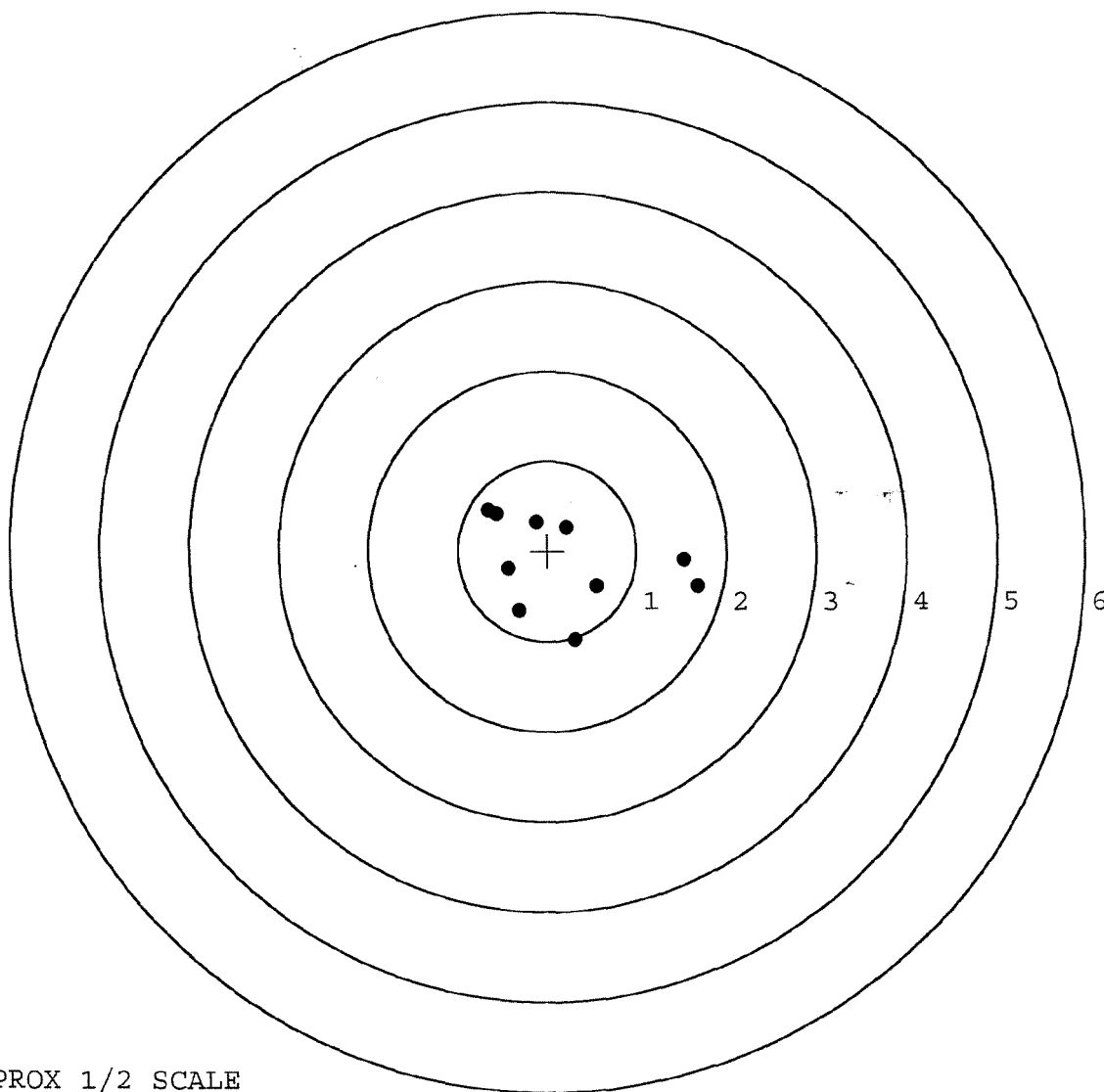
SERIAL NUMBER: G6285925. \_\_0

TARGET NUMBER: 4

FILE DATE: 03/29/2003

FILE TIME: 05:15

|                     | POINT# | X      | Y      |
|---------------------|--------|--------|--------|
|                     | 1:     | 1.683  | -0.388 |
|                     | 2:     | 1.532  | -0.097 |
|                     | 3:     | 0.547  | -0.391 |
|                     | 4:     | 0.318  | -0.985 |
| X CENTROID:         | 5:     | -0.318 | -0.663 |
| Y CENTROID:         | 6:     | -0.445 | -0.196 |
| POA TO CENTROID:    | 7:     | 0.209  | 0.260  |
| HORZ SPREAD:        | 8:     | -0.128 | 0.317  |
| VERT SPREAD:        | 9:     | -0.669 | 0.447  |
| GROUP SPREAD:       | 10:    | -0.577 | 0.408  |
| MIN RADIUS:         |        | 0.389  |        |
| MAX RADIUS:         |        | 1.491  |        |
| MEAN RADIUS:        |        | 0.847  |        |
| # IN 1 IN DIAMETER: |        | 2      |        |
| # IN 2 IN DIAMETER: |        | 7      |        |
| # in 3 IN DIAMETER: |        | 10     |        |



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6285925. 0

TARGET NUMBER: 5

FILE DATE: 03/29/2003

FILE TIME: 05:15

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.865  | 0.034  |
| 2:     | 0.462  | -0.010 |
| 3:     | 0.068  | 0.180  |
| 4:     | -0.774 | -0.284 |
| 5:     | -0.715 | 0.802  |
| 6:     | 0.233  | -0.763 |
| 7:     | 0.206  | -0.550 |
| 8:     | 0.017  | -0.479 |
| 9:     | 0.028  | -0.261 |
| 10:    | -0.120 | -0.405 |

X CENTROID: 0.027

Y CENTROID: -0.174

POA TO CENTROID: 0.176

HORZ SPREAD: 1.639

VERT SPREAD: 1.565

GROUP SPREAD: 1.830

MIN RADIUS: 0.087

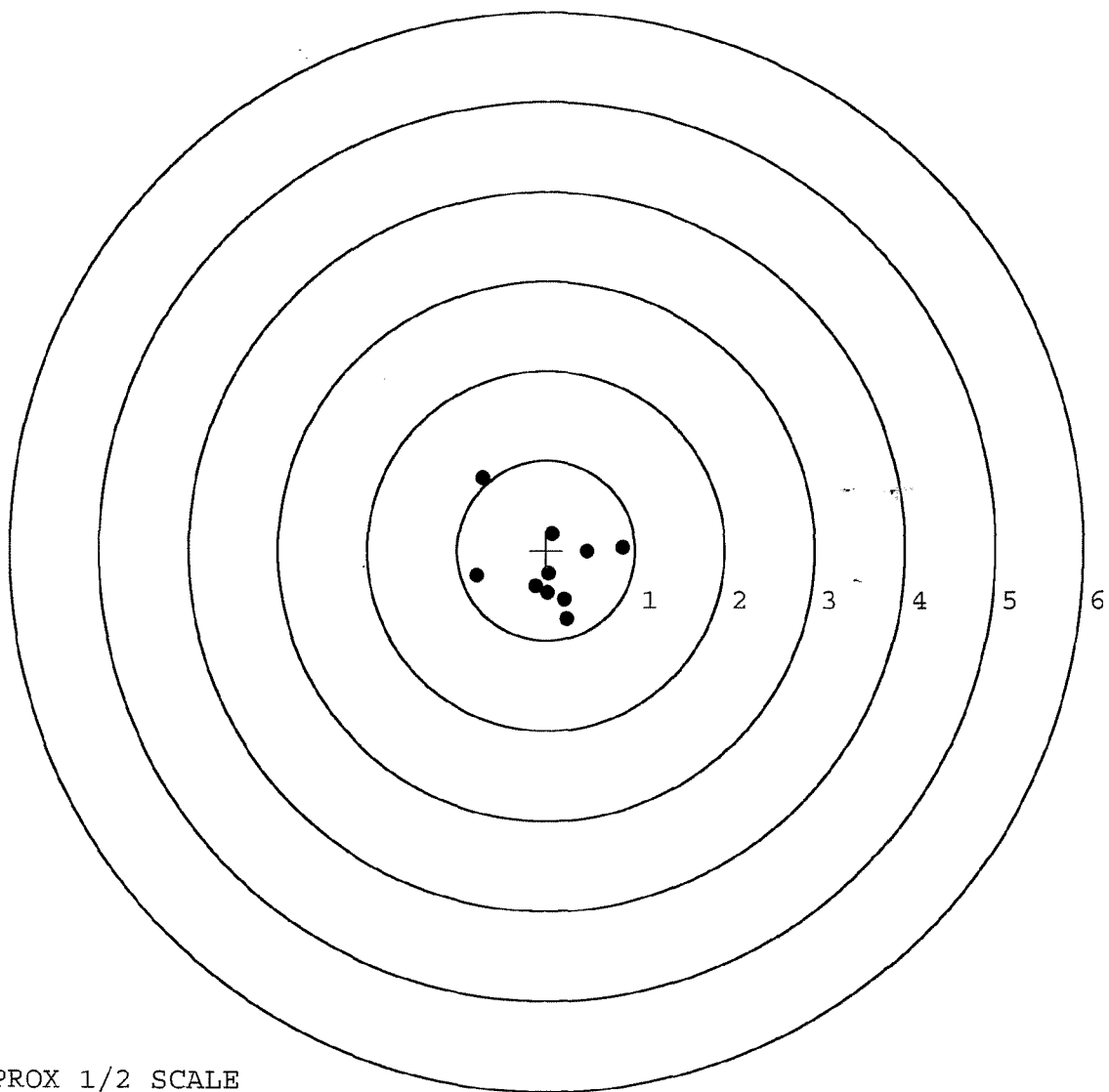
MAX RADIUS: 1.226

MEAN RADIUS: 0.543

# IN 1 IN DIAMETER: 6

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE