

C6611733

MODEL 700™ N24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5715**

\*Includes 1 in chamber.

*Remington*




VERY IMPORTANT:  
Instruction Book  
enclosed to assure  
safe use of this  
firearm.

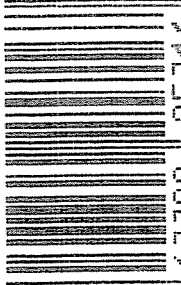
MODEL 700™ M24

SERIAL NO.  
C6611733

ORDER NO.  
5716

MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

UPC



0 47700 25716 7



5716 C6611733

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C-6611733

| OP. #        | OP. NAME                                                       | READINGS         | DATE    | INIT |
|--------------|----------------------------------------------------------------|------------------|---------|------|
| 575 &<br>580 | Assemble Action<br>and Stock                                   | QUALITY<br>AUDIT | 1/10/91 | KA   |
| 600          | Proof                                                          |                  | 1/10/91 | KA   |
| 607          | Check Headspace                                                |                  | 1/10/91 | KA   |
| 610          | Dis-assemble Gun                                               |                  | 1/10/91 | KA   |
| 612          | Magnaflux Barrel<br>Action                                     |                  | 1/17/91 | KR   |
|              | Magnaflux Bolt                                                 |                  | "       | KR   |
| 615          | Rollmark Caliber                                               |                  | "       | GB   |
| 617          | Drill and Tap Sight Holes                                      | 1 18 91          |         | EB   |
| 618          | Polish Barrel                                                  | 1 18 91          |         | WB   |
| 620          | Apply Coatings<br>(Barrel Action)                              |                  | 2-18-91 | KA   |
|              | Apply Coating (Bolt)                                           |                  |         |      |
| 625          | Final Assembly<br>A) Clean inside of<br>Bolt Assembly          |                  | 2/22/91 | KA   |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |                  | 2/22/91 | KA   |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |                  | 2/22/91 | KA   |
|              | D) Oil Firing Pin Ass'y                                        |                  | 2/22/91 | KA   |
|              | E) Adjust Trigger Pull to<br>Min Setting and Stake             |                  | 2-27-91 | DH   |

| op. #        | OP. NAME                                                    | READINGS |                 |       |     |     | DATE    | INIT |
|--------------|-------------------------------------------------------------|----------|-----------------|-------|-----|-----|---------|------|
| 625<br>cont. | F) Safety On Force                                          | 5        | 5 $\frac{1}{4}$ | 5     |     |     | 2-27-91 | DH   |
|              | G) Safety Off Force                                         | 3        | 2 $\frac{3}{4}$ | 3     |     |     | 2-27-91 | DH   |
|              | H) Trigger Pull Test & Retainability                        |          |                 |       |     |     | 2-27-91 | DH   |
|              | I) Firing Pin Indent                                        | .0225    | .021            | .0215 |     |     | 2-27-91 | DH   |
|              | J) Assemble Stock                                           |          |                 |       |     |     | 3/5/91  | KH   |
|              | K) Assemble Swivel Studs                                    |          |                 |       |     |     | 3-8-91  | DH   |
|              | L) Attach Front and Rear Sight Assemblies                   |          |                 |       |     |     | 3/5/91  | KH   |
|              | M) Iron Sight Alignment                                     |          |                 |       |     |     | 3/5/91  | KH   |
|              | N) Detach Front & Rear Sights & place in numbered container |          |                 |       |     |     | 3/5/91  | KH   |
|              | O) Attach Scope to Rifle                                    |          |                 |       |     |     | 3/5/91  | KH   |
|              | P) Detach & Attach Scope 20 Times                           |          |                 |       |     |     | 3/5/91  | KH   |
| 640          | Gallery Target & Test                                       |          |                 |       |     |     | 3/5/91  | RJ   |
|              | A) Time                                                     |          |                 |       |     |     | "       | RJ   |
|              | B) Malfunctions                                             |          |                 |       |     |     | "       | RJ   |
|              | C) Pierced Primers                                          |          |                 |       |     |     | "       | RJ   |
|              | D) Optical Clarity of Scope                                 |          |                 |       |     |     | "       | RJ   |
| 645          | Inspect for Live Ammo                                       |          |                 |       |     |     | 3/5/91  | RJ   |
| 655          | Final Inspection                                            |          |                 |       |     |     |         |      |
|              | A) Headspace                                                |          |                 |       |     |     | 3-8-91  | DH   |
|              | B) Trigger Pull                                             | 257      | 257             | 254   | 252 | 256 | 3/8/91  | JL   |
|              | C) Function                                                 |          |                 |       |     |     | 3-8-91  | DH   |
| 660          | Pack                                                        |          |                 |       |     |     | 3-10-91 | VF   |

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS

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

SERIAL NO. C6611733

DATE 2-27-91

TESTER DH

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |      | COMMENTS          |
|---------|------------------|--------------------------|--------------------------------|------|-------------------|
| PULL #1 | 2.64             | 2.48                     | 2.41                           | 2.57 | MIN. SETTING,     |
| PULL #2 | 2.53             | 2.47                     | 2.69                           | 2.57 | NO AVG. OF 5      |
| PULL #3 | 2.64             | 2.25                     | 2.62                           | 2.54 | READINGS ACCEPT-  |
| PULL #4 | 2.58             | 2.35                     | 2.63                           | 2.52 | ABLE LESS THAN 2# |
| PULL #5 | 2.22             | 2.35                     | 2.27                           | 2.56 |                   |
| TOTAL   |                  |                          |                                |      |                   |
| AVG.    |                  |                          |                                |      |                   |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.30             | 2.99                     |  |          |
| PULL #2 | 3.17             | 3.27                     |  |          |
| PULL #3 | 3.11             | 3.21                     |  |          |
| PULL #4 | 3.11             | 3.21                     |  |          |
| PULL #5 | 3.31             | 2.88                     |  |          |
| TOTAL   |                  |                          |  |          |
| AVG.    |                  |                          |  |          |

|         | 4.00#<br>INITIAL | 4.00# AFTER<br>20 CYCLES | MAX SETTING<br>GREATER THAN 4# | RESET TO 4# FOR<br>TARGET & ACCURACY |
|---------|------------------|--------------------------|--------------------------------|--------------------------------------|
| PULL #1 | 4.11             | 4.29                     |                                | 4.30                                 |
| PULL #2 | 4.29             | 4.24                     |                                | 4.06                                 |
| PULL #3 | 4.33             | 4.08                     |                                | 4.25                                 |
| PULL #4 | 3.92             | 4.07                     |                                | 4.09                                 |
| PULL #5 | 4.31             | 4.30                     |                                | 4.02                                 |
| TOTAL   |                  |                          |                                |                                      |
| AVG.    |                  |                          |                                |                                      |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # C6611733  
6 Mar 1991

CENTROIDAL DISTANCES

|      |   |          |
|------|---|----------|
| 0 TO | 1 | .126764  |
| 1 TO | 2 | .143785  |
| 1 TO | 3 | .0586003 |
| 1 TO | 4 | .490212  |
| 1 TO | 5 | .0694622 |

4 ←---POA

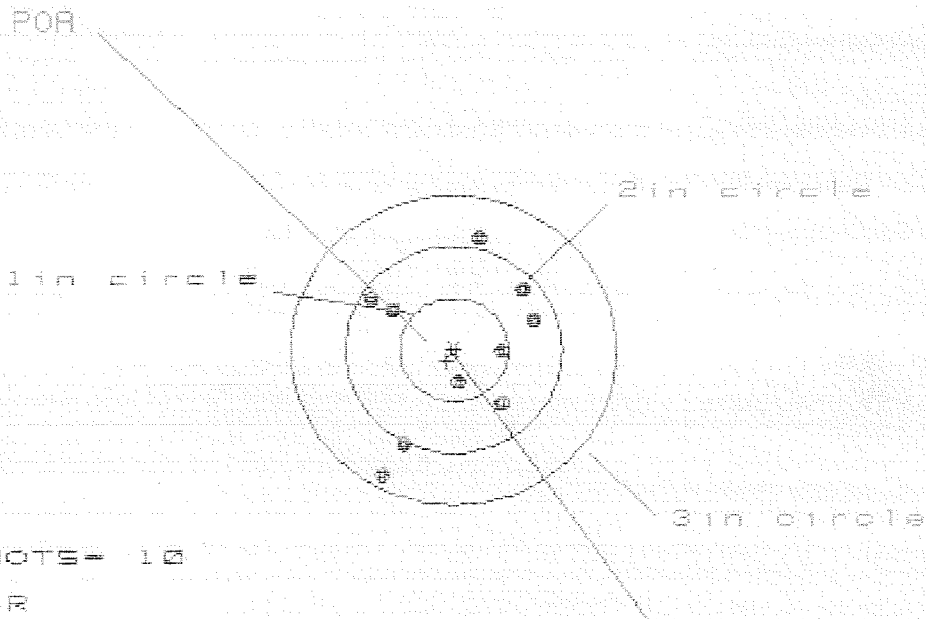
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1414  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0354  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .145764

THE AMR FOR THIS RIFLE IS: .9184

6 Mar 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/C6611733

# CENTERFIRE PATTERNS # 1



# OF SHOTS= 10

# IN CIR

1in = 2

2in = 8

3in = 10

HS= 1.552

VS= 2.338

GS= 2.513

CENTROID #

|                               |   |        |        |       |
|-------------------------------|---|--------|--------|-------|
| PATTERN #                     | : | 1      |        |       |
| SHOTS (BEST OF)               | : | 10     | 9      | 8     |
| MAXIMUM X                     | : | .785   | .789   | .729  |
| MINIMUM X                     | : | -.767  | -.843  | -.823 |
| MAXIMUM Y                     | : | 1.110  | .974   | .585  |
| MINIMUM Y                     | : | -1.228 | -1.081 | -.879 |
| CENTROID X                    | : | .063   | .139   | .119  |
| CENTROID Y                    | : | .110   | .246   | .124  |
| POA TO CENTROID in.           | : | .126   | .283   | .172  |
| MIN RADIUS                    | : | .323   | .349   | .327  |
| MEAN RADIUS                   | : | .827   | .751   | .789  |
| MAX RADIUS                    | : | 1.407  | 1.143  | 1.027 |
| HORIZONTAL SPREAD             | : | 1.552  | 1.552  | 1.552 |
| VERTICAL SPREAD               | : | 2.338  | 1.975  | 1.464 |
| EXTREME SPREAD                | : | 2.513  | 2.098  | 1.822 |
| NUMBER IN ONE INCH CIRCLE =   |   | 2      |        |       |
| NUMBER IN TWO INCH CIRCLE =   |   | 8      |        |       |
| NUMBER IN THREE INCH CIRCLE = |   | 10     |        |       |

6 Mar 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/CAB11733

# CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

# OF SHOTS = 10

# IN CIR

1 in = 3

2 in = 8

3 in = 10

HS = 1.091

VS = 1.972

GS = 1.979

CENTROID \*

PATTERN #

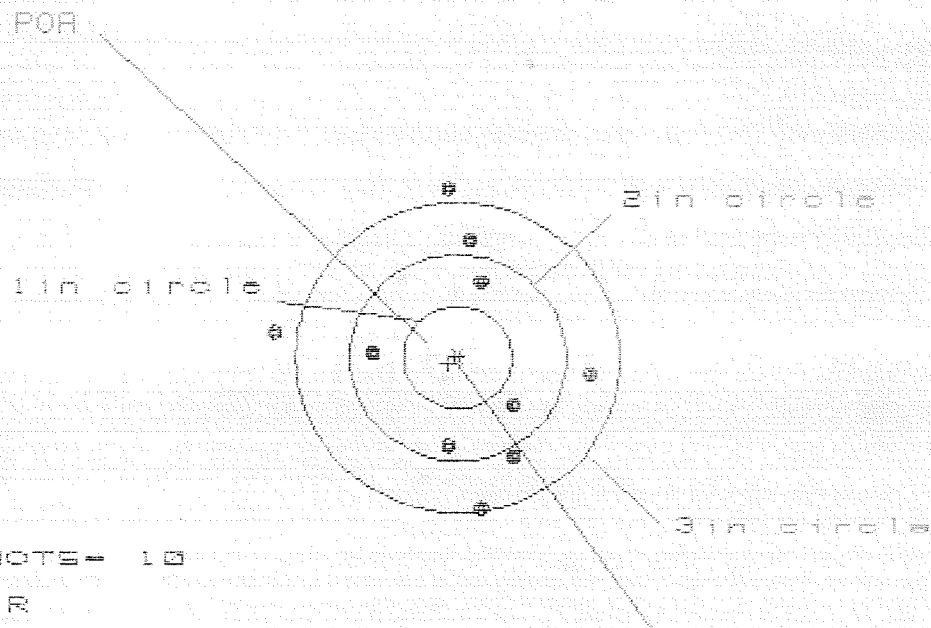
2

| SHOTS (BEST OF)               | 10    | 9     | 8     |
|-------------------------------|-------|-------|-------|
| MAXIMUM X                     | .561  | .510  | .467  |
| MINIMUM X                     | -.530 | -.581 | -.624 |
| MAXIMUM Y                     | .996  | .884  | .775  |
| MINIMUM Y                     | -.976 | -.865 | -.684 |
| CENTROID X                    | .048  | .099  | .142  |
| CENTROID Y                    | -.033 | -.144 | -.035 |
| POA TO CENTROID in.           | .058  | .175  | .147  |
| MIN RADIUS                    | .215  | .097  | .208  |
| MEAN RADIUS                   | .677  | .608  | .571  |
| MAX RADIUS                    | 1.097 | .932  | .781  |
| HORIZONTAL SPREAD             | 1.091 | 1.091 | 1.091 |
| VERTICAL SPREAD               | 1.972 | 1.749 | 1.459 |
| EXTREME SPREAD                | 1.979 | 1.827 | 1.522 |
| NUMBER IN ONE INCH CIRCLE =   |       | 3     |       |
| NUMBER IN TWO INCH CIRCLE =   |       | 8     |       |
| NUMBER IN THREE INCH CIRCLE = |       | 10    |       |

6 Mar 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/C6B11733

# CENTERFIRE PATTERNS # 3



# OF SHOTS = 10

# IN CIR

1 in = 0

2 in = 4

3 in = 6

HS = 2.852

VS = 3.155

GS = 3.168

CENTROID \*

|                             |   |        |        |        |
|-----------------------------|---|--------|--------|--------|
| PATTERN #                   | : | 3      |        |        |
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.173  | 1.159  | .948   |
| MINIMUM X                   | : | -1.679 | -1.693 | -1.035 |
| MAXIMUM Y                   | : | 1.692  | 1.346  | 1.395  |
| MINIMUM Y                   | : | -1.463 | -1.275 | -1.226 |
| CENTROID X                  | : | .088   | .102   | .313   |
| CENTROID Y                  | : | .057   | -.131  | -.180  |
| POR TO CENTROID in.         | : | .105   | .166   | .361   |
| MIN RADIUS                  | : | .681   | .566   | .358   |
| MEAN RADIUS                 | : | 1.135  | 1.048  | .923   |
| MAX RADIUS                  | : | 1.696  | 1.739  | 1.399  |
| HORIZONTAL SPREAD           | : | 2.852  | 2.852  | 1.983  |
| VERTICAL SPREAD             | : | 3.155  | 2.621  | 2.621  |
| EXTREME SPREAD              | : | 3.168  | 2.877  | 2.621  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 0      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 4      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 6      |        |

6 Mar 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/C6611733

# CENTERFIRE PATTERNS # 4

POA

1in circle

2in circle

3in circle

# OF SHOTS- 10

# IN CIR

1in = 1

2in = 5

3in = 8

HS= 3.624

VS= 2.888

GS= 3.629

CENTROID \*

PATTERN #

4

|                             |   |        |        |       |
|-----------------------------|---|--------|--------|-------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8     |
| MAXIMUM X                   | : | 2.348  | .958   | .867  |
| MINIMUM X                   | : | -1.276 | -1.015 | -.895 |
| MAXIMUM Y                   | : | 1.141  | 1.181  | .967  |
| MINIMUM Y                   | : | -1.747 | -1.707 | -.734 |
| CENTROID X                  | : | .505   | .244   | .124  |
| CENTROID Y                  | : | -.102  | -.141  | .073  |
| POA TO CENTROID in.         | : | .515   | .282   | .144  |
| MIN RADIUS                  | : | .246   | .311   | .309  |
| MEAN RADIUS                 | : | 1.094  | .924   | .789  |
| MAX RADIUS                  | : | 2.374  | 1.958  | 1.896 |
| HORIZONTAL SPREAD           | : | 3.624  | 1.973  | 1.763 |
| VERTICAL SPREAD             | : | 2.888  | 2.888  | 1.701 |
| EXTREME SPREAD              | : | 3.629  | 3.299  | 2.003 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 1      |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 5      |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 8      |       |

6 Mar 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/C6611733

# CENTERFIRE PATTERNS # 5

POR

1in circle

2in circle

3in circle

# OF SHOTS- 10

# IN CIR

1in = 3

2in = 7

3in = 9

CENTROID \*

HS= 2.459

VS= 2.440

GS= 2.700

PATTERN #

5

| SHOTS (BEST OF)               | 10     | 9      | 8      |
|-------------------------------|--------|--------|--------|
| MAXIMUM X                     | 1.395  | 1.297  | .975   |
| MINIMUM X                     | -1.064 | -1.162 | -1.000 |
| MAXIMUM Y                     | 1.520  | .827   | .872   |
| MINIMUM Y                     | -.920  | -.751  | -.706  |
| CENTROID X                    | .003   | .101   | -.061  |
| CENTROID Y                    | .145   | -.024  | -.069  |
| POR TO CENTROID in.           | .145   | .104   | .092   |
| MIN RADIUS                    | .209   | .292   | .198   |
| MEAN RADIUS                   | .859   | .750   | .658   |
| MAX RADIUS                    | 1.756  | 1.384  | 1.224  |
| HORIZONTAL SPREAD             | 2.459  | 2.459  | 1.975  |
| VERTICAL SPREAD               | 2.440  | 1.578  | 1.578  |
| EXTREME SPREAD                | 2.700  | 2.700  | 2.134  |
| NUMBER IN ONE INCH CIRCLE =   |        | 3      |        |
| NUMBER IN TWO INCH CIRCLE =   |        | 7      |        |
| NUMBER IN THREE INCH CIRCLE = |        | 9      |        |

## Arms Services Repair &amp; Estimate System

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSR Tools Reports Table Maintenance System Maintenance Help

## Repair Inquiry

Repair Number: RE00152538

Verify Repair

Serial: C6611733 Model M24 SWS Center Fire  
Caliber: 7.62 NATO Produced: 03/19/1991

Repairman:

Status:

Closed 10/2/2008 10:48:16 AM

## Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: CAMP ROBERTS MATES

CAMP ROBERTS MATES

Address 1: EAST GARRISON BLDG 25021

EAST GARRISON BLDG 25021

Address 2:

PO Box:

PO Box:

City: SAN MIGUEL

SAN MIGUEL

State: CA

Zip Code: 93451

Country: US

State: CA

Zip Code: 93451

Country: US

FFL:

## Contact / Condition

## Problems

## Estimate

## History / Status

## Shipping / Billing

## Contact Information

Phone: NN

Fax:

Email:

Comments:

## Received Condition

Fair

Condition  
Notes:CSR  
Notes:

## Accessories Received

| Code | Desc                  | Qty |
|------|-----------------------|-----|
| A007 | With Stud             | 3   |
| A017 | Scope Base            | 1   |
| A057 | Fit and Rear Sgt Base | 1   |

## Repair Search

Refresh

Close

nagletj

10/3/2008

12:44 PM

CAPS

NUM

INS

SCPL



Serial Number: C6611733

Model M24 SWS



RE00152538

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611733.\_\_0

FILE DATE AND TIME: 10/31/2008 13:56

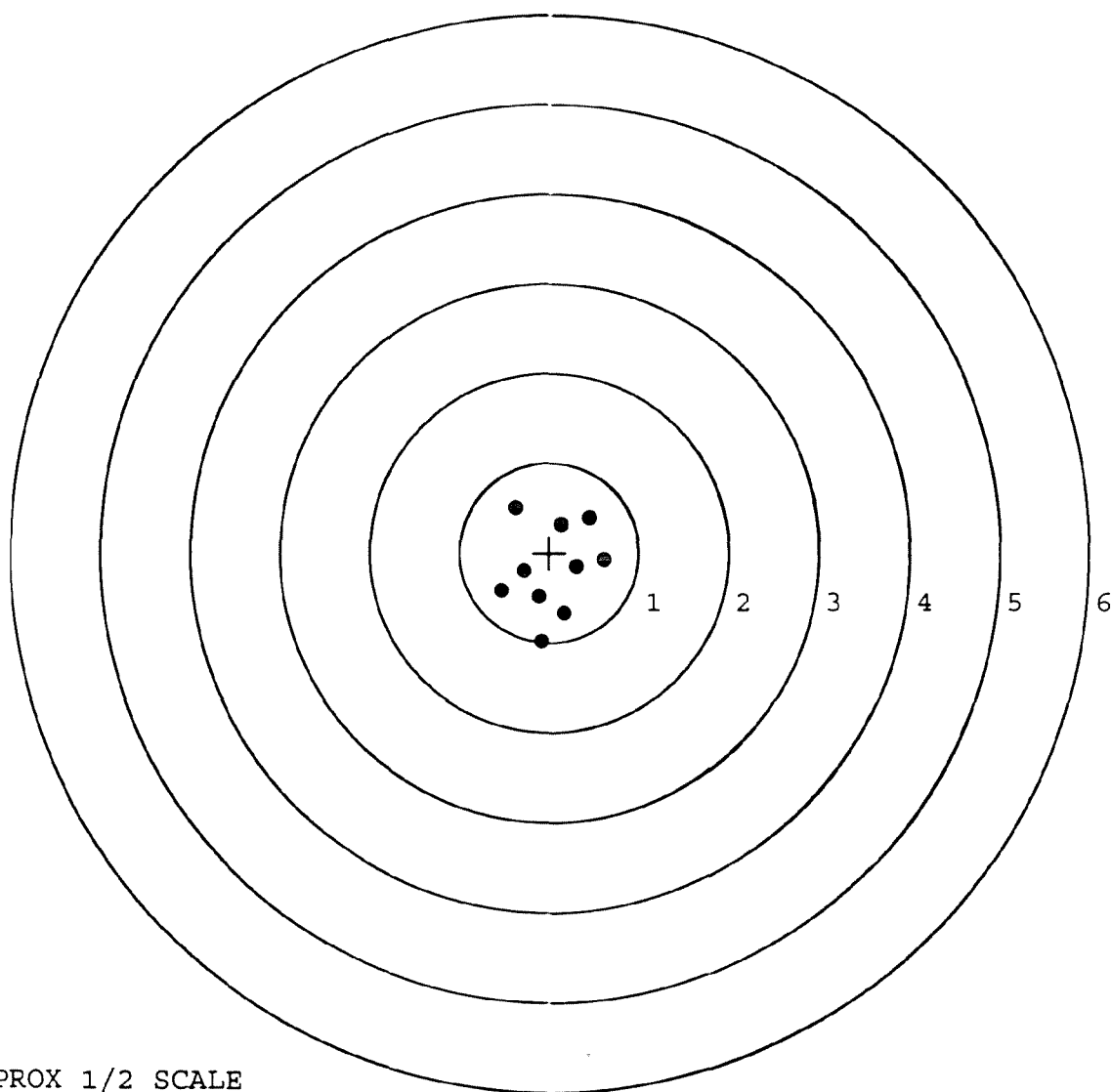
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.023 |
| The Average Y Centroid of the Five Target Set:              | -0.037 |
| The Average Point of Impact of the Five Target Set:         | 0.043  |
| The Average Mean Radius of the Five Target Set:             | 0.659  |
| The Distance from POA to Centroid Target #1:                | 0.186  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.217  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.445  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.158  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.166  |

SERIAL NUMBER: C6611733.\_\_\_0  
TARGET NUMBER: 1  
FILE DATE: 10/31/2008  
FILE TIME: 13:56

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.386 | 0.497  |
| 2:     | 0.128  | 0.318  |
| 3:     | 0.448  | 0.390  |
| 4:     | 0.614  | -0.086 |
| 5:     | 0.309  | -0.154 |
| 6:     | -0.283 | -0.208 |
| 7:     | -0.539 | -0.431 |
| 8:     | -0.114 | -0.499 |
| 9:     | 0.169  | -0.674 |
| 10:    | -0.089 | -0.999 |

X CENTROID: 0.026  
Y CENTROID: -0.185  
POA TO CENTROID: 0.186  
HORZ SPREAD: 1.153  
VERT SPREAD: 1.496  
GROUP SPREAD: 1.525  
MIN RADIUS: 0.285  
MAX RADIUS: 0.822  
MEAN RADIUS: 0.551  
# IN 1 IN DIAMETER: 3  
# IN 2 IN DIAMETER: 10  
# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST  
CONTRACT #: DAAE-20-02-C-0149

R & E NUMBER 152 538  
SERIAL NUMBER C661 1733  
LOG-IN DATE 10-2-08

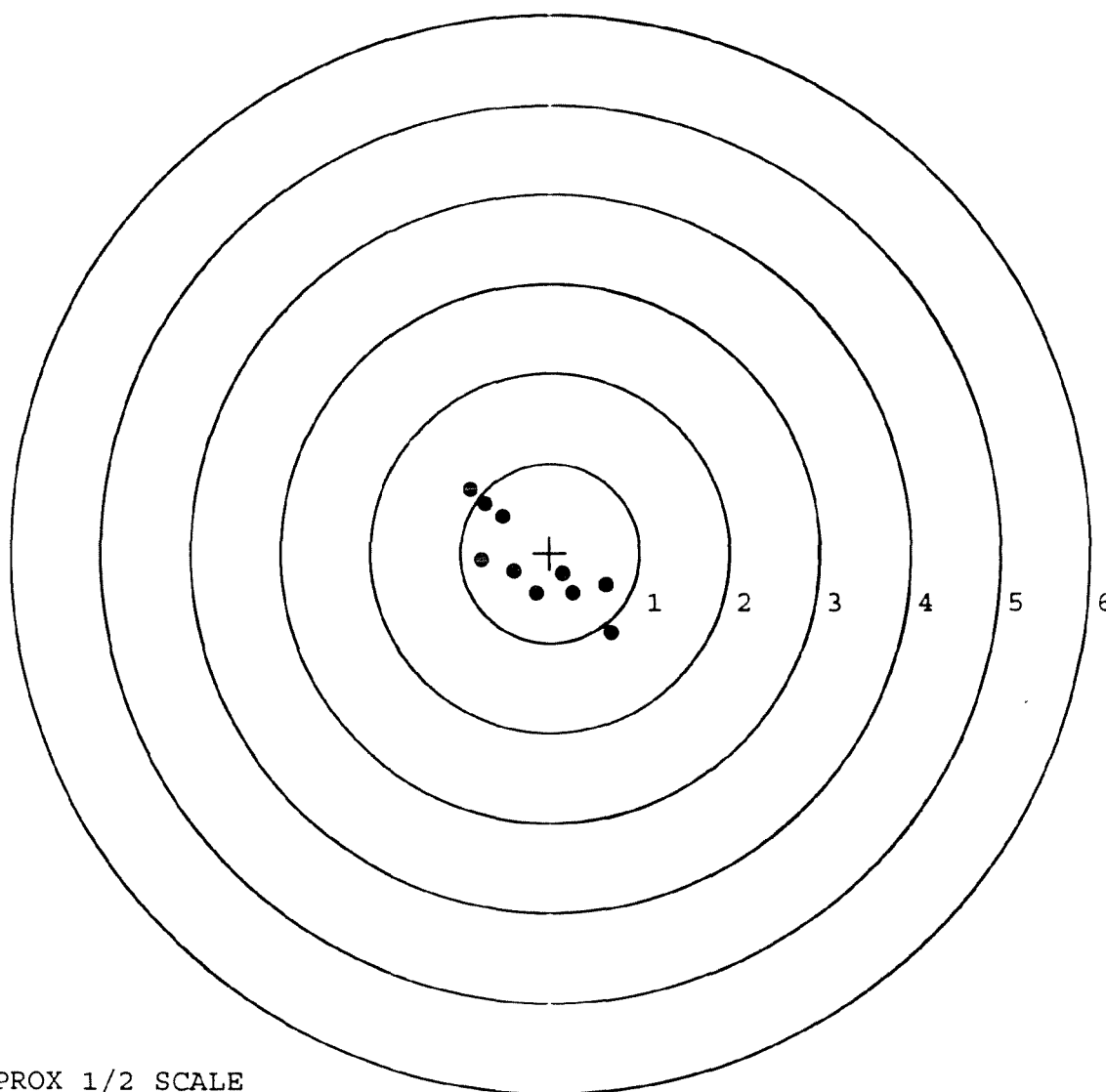
| OPERATION # | OPERATION NAME       | DATE                     | INITIAL        |
|-------------|----------------------|--------------------------|----------------|
| 500         | DIS-ASSEMBLE GUN     | 10-20-08                 | RTZ            |
| 505         | RE-BARREL            | 10-21-08                 | RTZ            |
| 560         | ASSEMBLE             | 10-21-08                 | RTZ            |
| 600         | PROOF                | 10-21-08                 | RTZ            |
| 605         | CHECK HEADSPACE      | 10-21-08                 | RTZ            |
| 610         | DIS-ASSEMBLE GUN     | 10-21-08                 | RTZ            |
| 612         | MAGNAFLUX            | 10-24-08                 | RTZ            |
| 510         | DRILL AND TAP        | 10-22-08                 | RT             |
| 615         | ROLLMARK CALIBER     | 10/24/08                 | RT             |
| 618         | ROTO-BLAST           |                          |                |
| 620         | APPLY COATINGS       | 10-24                    |                |
| 625         | FINAL ASSEMBLY       | 10-30-08                 | RTZ            |
| 640         | FUNCTION TEST AND    | PASS FAIL                |                |
| 650         | TARGET               | PASS FAIL                | 10-31-08 R. J. |
|             | MALFUNCTION          | CORRECTION               |                |
|             | MALFUNCTION          | CORRECTION               |                |
|             | MALFUNCTION          | CORRECTION               |                |
|             | MALFUNCTION          | CORRECTION               | 10-31-08 TC    |
| 670         | FINAL INSPECTION     | 11-3-08                  | RTZ            |
|             | A) HEADSPACE         | PASS FAIL                | 11-3-08 RTZ    |
|             | B) TRIGGER PULL      | 2.50 2.41 2.48 2.38 2.33 | 10-31-08 TC    |
| 680         | F) SAFETY ON FORCE   | 3.0 3.0 4.0              | 11-3-08 RTZ    |
|             | G) SAFETY OFF FORCE  | 4.0 4.0 4.0              | 11-3-08 RTZ    |
|             | I) FIRING PIN INDENT | .002 .002 .002           | 11-3-08 RTZ    |
| 690         | PACK                 |                          | 11/6/08 Fm     |

SERIAL NUMBER: C6611733. \_\_0  
TARGET NUMBER: 2  
FILE DATE: 10/31/2008  
FILE TIME: 13:56

X CENTROID: -0.176  
Y CENTROID: -0.103  
POA TO CENTROID: 0.204  
HORZ SPREAD: 1.571  
VERT SPREAD: 1.592  
GROUP SPREAD: 2.237  
MIN RADIUS: 0.253  
MAX RADIUS: 1.164  
MEAN RADIUS: 0.664

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

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.890 | 0.700  |
| 2:     | -0.725 | 0.540  |
| 3:     | -0.533 | 0.412  |
| 4:     | -0.761 | -0.088 |
| 5:     | -0.404 | -0.212 |
| 6:     | -0.158 | -0.449 |
| 7:     | 0.143  | -0.238 |
| 8:     | 0.257  | -0.452 |
| 9:     | 0.632  | -0.356 |
| 10:    | 0.681  | -0.892 |

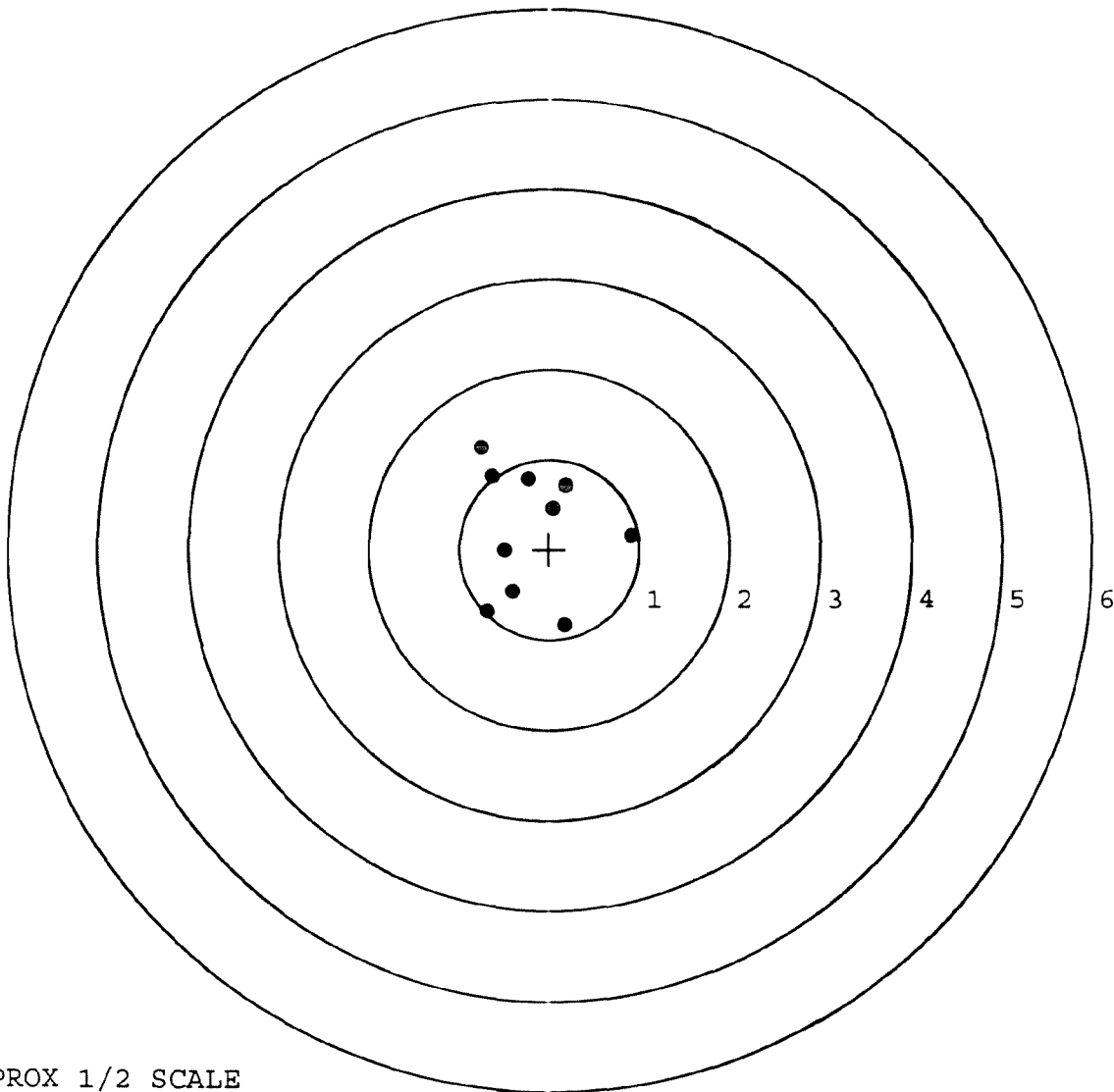


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611733. \_\_0  
TARGET NUMBER: 3  
FILE DATE: 10/31/2008  
FILE TIME: 13:56

X CENTROID: -0.192  
Y CENTROID: 0.203  
POA TO CENTROID: 0.280  
HORZ SPREAD: 1.669  
VERT SPREAD: 1.968  
GROUP SPREAD: 2.175  
MIN RADIUS: 0.346  
MAX RADIUS: 1.105  
MEAN RADIUS: 0.771  
# IN 1 IN DIAMETER: 2  
# IN 2 IN DIAMETER: 6  
# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.169  | -0.841 |
| 2:     | -0.689 | -0.697 |
| 3:     | -0.410 | -0.473 |
| 4:     | -0.500 | -0.008 |
| 5:     | 0.911  | 0.165  |
| 6:     | 0.040  | 0.459  |
| 7:     | 0.186  | 0.709  |
| 8:     | -0.235 | 0.781  |
| 9:     | -0.637 | 0.809  |
| 10:    | -0.758 | 1.127  |



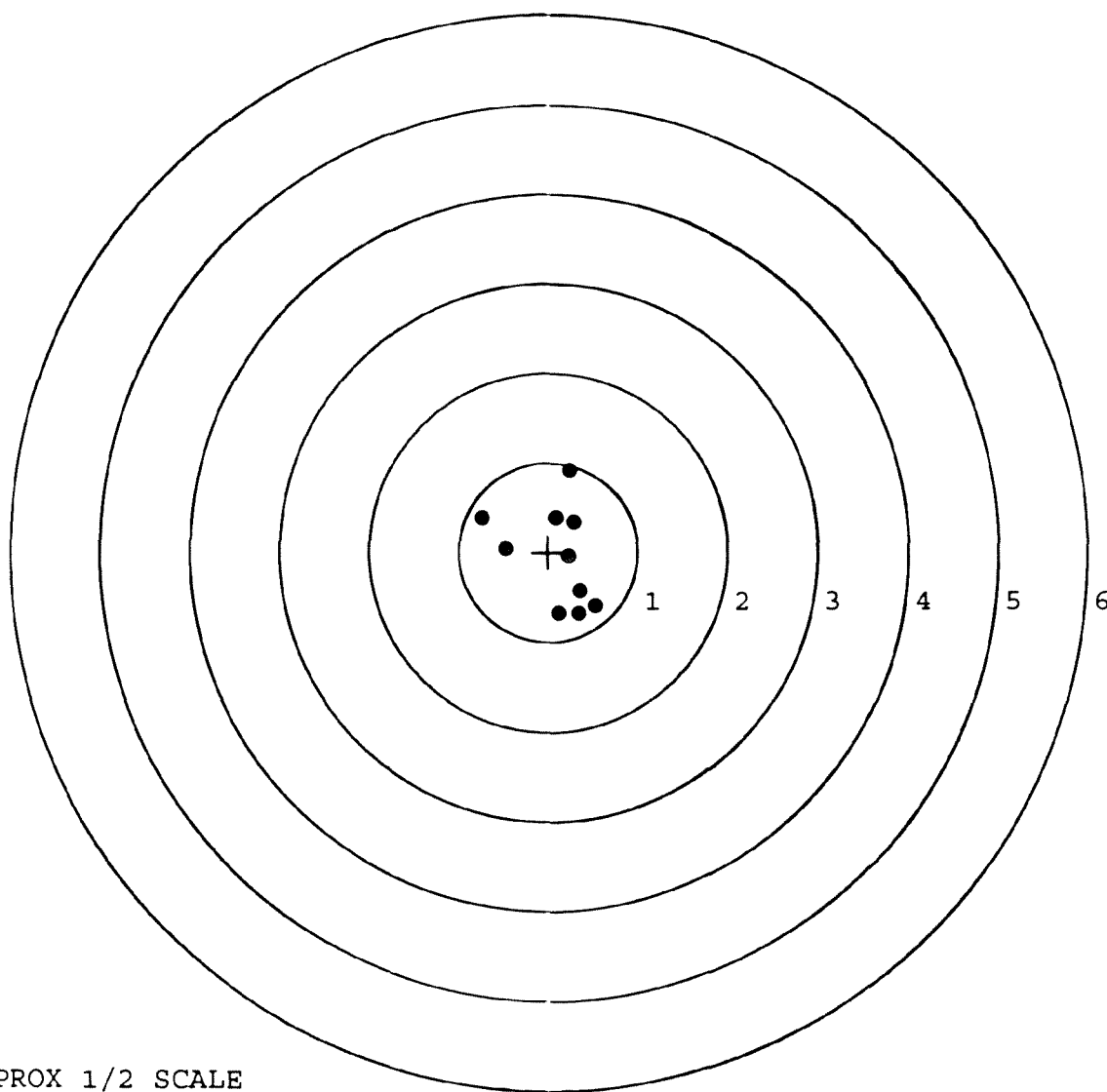
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611733. 0  
TARGET NUMBER: 4  
FILE DATE: 10/31/2008  
FILE TIME: 13:56

X CENTROID: 0.095  
Y CENTROID: -0.043  
POA TO CENTROID: 0.104  
HORZ SPREAD: 1.271  
VERT SPREAD: 1.607  
GROUP SPREAD: 1.610  
MIN RADIUS: 0.137  
MAX RADIUS: 0.969  
MEAN RADIUS: 0.599

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

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.239  | 0.916  |
| 2:     | -0.741 | 0.380  |
| 3:     | -0.479 | 0.035  |
| 4:     | 0.082  | 0.381  |
| 5:     | 0.280  | 0.337  |
| 6:     | 0.232  | -0.052 |
| 7:     | 0.354  | -0.438 |
| 8:     | 0.530  | -0.604 |
| 9:     | 0.342  | -0.691 |
| 10:    | 0.115  | -0.689 |



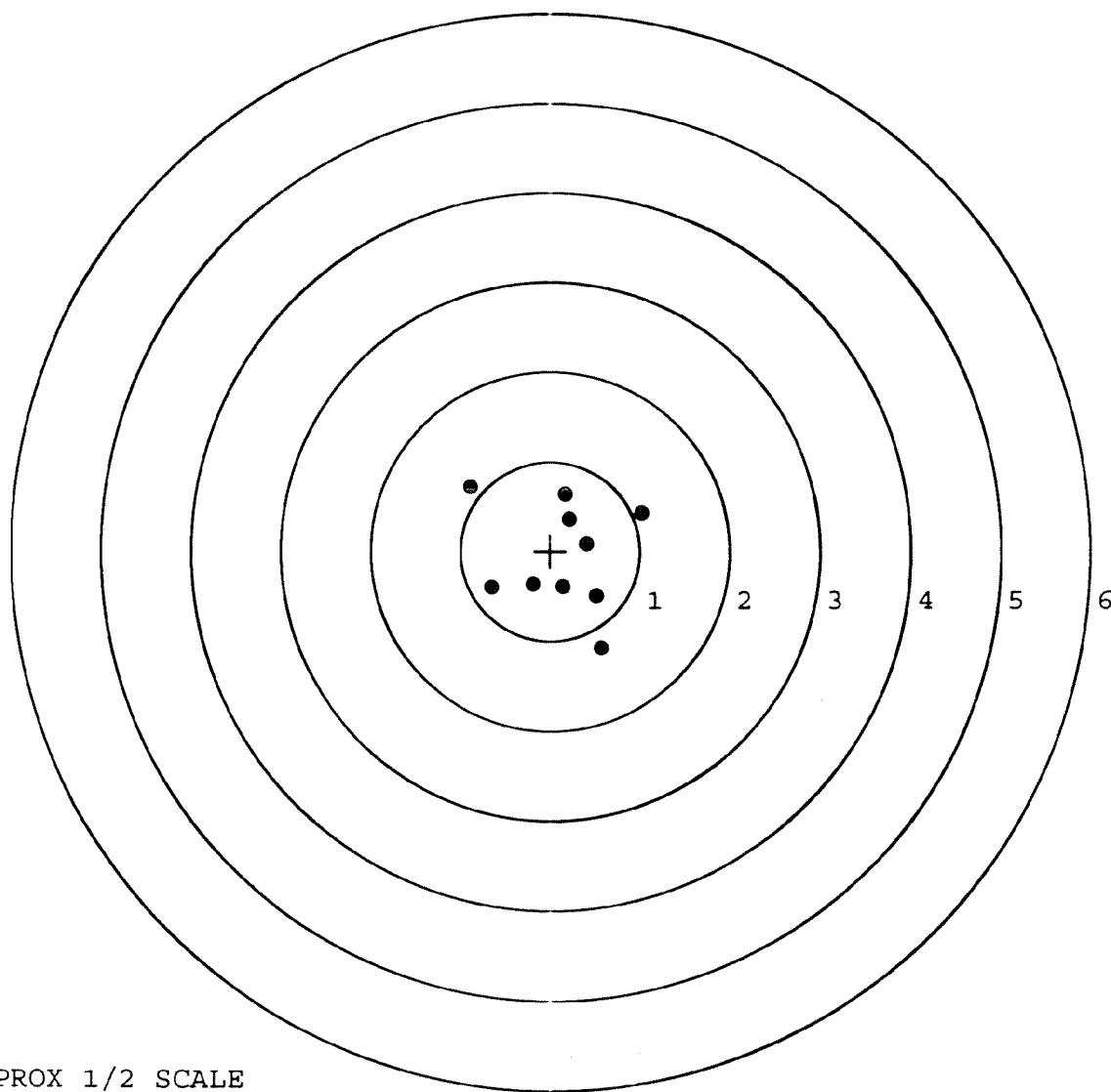
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611733. \_\_0  
TARGET NUMBER: 5  
FILE DATE: 10/31/2008  
FILE TIME: 13:56

X CENTROID: 0.130  
Y CENTROID: -0.056  
POA TO CENTROID: 0.141  
HORZ SPREAD: 1.913  
VERT SPREAD: 1.798  
GROUP SPREAD: 2.314  
MIN RADIUS: 0.311  
MAX RADIUS: 1.277  
MEAN RADIUS: 0.710

# IN 1 IN DIAMETER: 4  
# IN 2 IN DIAMETER: 7  
# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.568  | -1.082 |
| 2:     | 1.025  | 0.428  |
| 3:     | 0.407  | 0.085  |
| 4:     | 0.215  | 0.354  |
| 5:     | 0.169  | 0.640  |
| 6:     | -0.888 | 0.716  |
| 7:     | -0.660 | -0.413 |
| 8:     | -0.198 | -0.376 |
| 9:     | 0.145  | -0.403 |
| 10:    | 0.516  | -0.505 |



TARGET APPROX 1/2 SCALE