

C6522128

MODEL 700<sup>TM</sup> M24

Model **SMS**<sup>TM</sup>

Action

Barrel Length

Capacity

Order No. **5716**

\* Includes 1 in chamber.

*Remington*

C4A 702

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6522128

| OP. #        | OP. NAME                                                       | READINGS           | DATE    | INIT |
|--------------|----------------------------------------------------------------|--------------------|---------|------|
| 575 &<br>580 | Assemble Action<br>and Stock                                   |                    | 8-21-90 | RB   |
| 600          | Proof                                                          |                    | 8-21-90 | RB   |
| 607          | Check Headspace                                                |                    | 8-21-90 | RB   |
| 610          | Dis-assemble Gun                                               |                    | 8-21-90 | RB   |
| 612          | Magnaflux Barrel<br>Action                                     | NEW BARREL 8/28/90 | 8/23/90 | KCR  |
|              | Magnaflux Bolt                                                 |                    | 8/22/90 | KCR  |
| 615          | Rollmark Caliber                                               |                    | 8/23/90 | GS   |
| 617          | Drill and Tap Sight Holes                                      |                    | 8/23/90 | LB   |
| 618          | Polish Barrel RB                                               |                    | 8/23/90 | WB   |
| 620          | Apply Coatings<br>(Barrel Action)                              |                    | 8/30/90 | JA   |
|              | Apply Coating (Bolt)                                           |                    |         |      |
| 625          | Final Assembly<br>A) Clean inside of<br>Bolt Assembly          |                    | 8/31/90 | RW   |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |                    | 8/31/90 | RW   |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |                    | 8/31/90 | RW   |
|              | D) Oil Firing Pin Ass'y                                        |                    | 8/31/90 | RW   |
|              | E) Adjust Trigger Pull to<br>Min Setting and Stake             |                    | 9/14/90 | WB   |

| op. #      | OP. NAME                                                    | READINGS |       |       |      |      | DATE    | INIT |
|------------|-------------------------------------------------------------|----------|-------|-------|------|------|---------|------|
| 605<br>nt. | F) Safety On Force                                          | 5 1/2    | 5 1/2 | 5 1/2 |      |      | 9/14/90 | WB   |
|            | G) Safety Off Force                                         | 2        | 2     | 2     |      |      | 9/14/90 | WB   |
|            | H) Trigger Pull Test & Retainability                        |          |       |       |      |      | 9/14/90 | WB   |
|            | I) Firing Pin Indent                                        | .0215    | .0225 | .022  |      |      | 9/14/90 | WB   |
|            | J) Assemble Stock                                           |          |       |       |      |      | 9/14/90 | RW   |
|            | K) Assemble Swivel Studs                                    |          |       |       |      |      | 9/17/90 | JS   |
|            | L) Attach Front and Rear Sight Assemblies                   |          |       |       |      |      | 9/14/90 | RW   |
|            | M) Iron Sight Alignment                                     |          |       |       |      |      | 9/14/90 | RW   |
|            | N) Detach Front & Rear Sights & place in numbered container |          |       |       |      |      | 9/14/90 | RW   |
|            | O) Attach Scope to Rifle                                    |          |       |       |      |      | 9/14/90 | RW   |
| 640        | P) Detach & Attach Scope 20 Times                           |          |       |       |      |      | 9/14/90 | RW   |
|            | Gallery Target & Test                                       |          |       |       |      |      | 9-16-90 | AC   |
|            | A) Time                                                     |          |       |       |      |      | 9-16-90 | AC   |
|            | B) Malfunctions                                             |          |       |       |      |      | 9-16-90 | AC   |
|            | C) Pierced Primers                                          |          |       |       |      |      | 9-16-90 | AC   |
| 645        | D) Optical Clarity of Scope                                 |          |       |       |      |      | 9-16-90 | AC   |
|            | Inspect for Live Ammo                                       |          |       |       |      |      | 9-16-90 | AC   |
|            | Final Inspection                                            |          |       |       |      |      |         |      |
|            | A) Headspace                                                |          |       |       |      |      | 9/17/90 | JS   |
| 655        | B) Trigger Pull                                             | 2.27     | 2.22  | 2.21  | 2.19 | 2.24 | 9-16-90 | JS   |
|            | C) Function                                                 |          |       |       |      |      | 9/17/90 | JS   |
| 660        | Pack                                                        |          |       |       |      |      | 9-16-90 | DH   |

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6522128

DATE 9/14/90

TESTER CVB

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |       | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|-------|------------------------------------------------------------------------|
| PULL #1 | 2.34             | 2.42                     | 2.30                           | 2.22  | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.31             | 2.53                     | 2.36                           | 2.22  |                                                                        |
| PULL #3 | 2.24             | 2.52                     | 2.36                           | 2.21  |                                                                        |
| PULL #4 | 2.32             | 2.43                     | 2.29                           | 2.19  |                                                                        |
| PULL #5 | 2.34             | 2.49                     | 2.39                           | 2.20  |                                                                        |
| TOTAL   | 11.55            | 12.39                    | 11.70                          | 11.04 |                                                                        |
| AVG.    | 2.31             | 2.48                     | 2.34                           | 2.208 |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.11             | 3.11                     |  |          |
| PULL #2 | 3.08             | 3.24                     |  |          |
| PULL #3 | 3.05             | 3.06                     |  |          |
| PULL #4 | 3.12             | 3.22                     |  |          |
| PULL #5 | 3.21             | 3.25                     |  |          |
| TOTAL   | 15.57            | 15.88                    |  |          |
| AVG.    | 3.11             | 3.18                     |  |          |

|         | 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 | 4.20             | 4.09                     |                                | 4.12                                 |
| PULL #2 | 4.07             | 4.16                     |                                | 4.01                                 |
| PULL #3 | 4.08             | 4.11                     |                                | 4.15                                 |
| PULL #4 | 4.03             | 4.12                     |                                | 4.12                                 |
| PULL #5 | 4.07             | 4.10                     |                                | 4.07                                 |
| TOTAL   | 20.45            | 20.58                    |                                | 20.47                                |
| AVG.    | 4.09             | 4.12                     |                                | 4.09                                 |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # C6522128  
16 Sep 1990

CENTROIDAL DISTANCES

|   |    |   |         |
|---|----|---|---------|
| 0 | TO | 1 | .219986 |
| 1 | TO | 2 | .232011 |
| 1 | TO | 3 | .497829 |
| 1 | TO | 4 | .542517 |
| 1 | TO | 5 | .271312 |

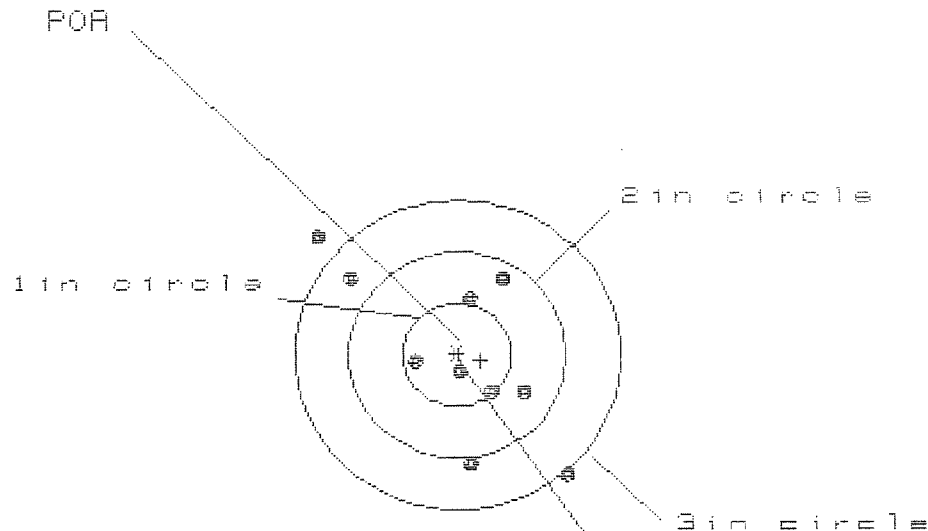
3  
2 1/4 (----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1754  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0098  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .175674  
  
THE AMR FOR THIS RIFLE IS: .8484

16 Sep 1998

FILE:/PATTERNING/CENTERFIRE\_PATT/C8522128

## CENTERFIRE PATTERNS # 1



# OF SHOTS= 10

# IN CIR

1in = 3

2in = 6

3in = 8

HS= 2.284

VS= 2.265

GS= 3.217

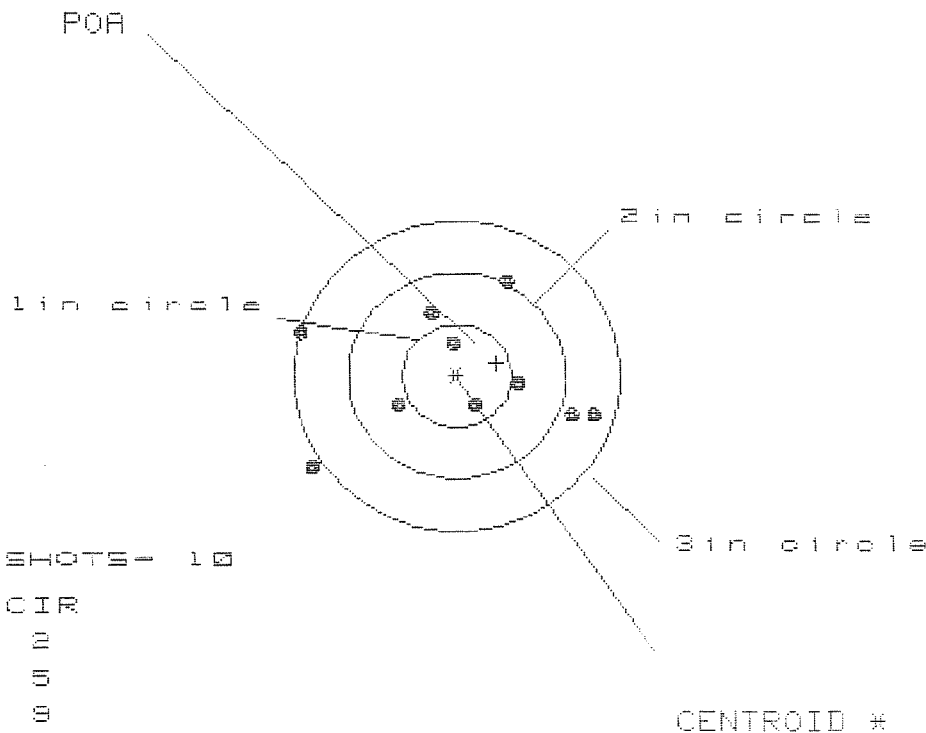
CENTROID #

| PATTERN #                     | 1      | 2      | 3      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | 1.041  | .963   | .562   |
| MINIMUM X                     | -1.243 | -1.109 | -.996  |
| MAXIMUM Y                     | 1.103  | .866   | .736   |
| MINIMUM Y                     | -1.162 | -1.039 | -1.016 |
| CENTROID X                    | -.213  | -.075  | -.188  |
| CENTROID Y                    | .055   | -.068  | .062   |
| POA TO CENTROID in.           | .220   | .101   | .198   |
| MIN RADIUS                    | .111   | .135   | .120   |
| MEAN RADIUS                   | .852   | .744   | .662   |
| MAX RADIUS                    | 1.662  | 1.382  | 1.215  |
| HORIZONTAL SPREAD             | 2.284  | 2.012  | 1.558  |
| VERTICAL SPREAD               | 2.265  | 1.905  | 1.752  |
| EXTREME SPREAD                | 3.217  | 2.743  | 2.012  |
| NUMBER IN ONE INCH CIRCLE =   | 3      |        |        |
| NUMBER IN TWO INCH CIRCLE =   | 6      |        |        |
| NUMBER IN THREE INCH CIRCLE = | 8      |        |        |

16 Sep 1998

FILE:/PATTERNING/CENTERFIRE\_PATT/C6522128

## CENTERFIRE PATTERNS # 2



# OF SHOTS- 10

# IN CIR

1 in = 2

2 in = 5

3 in = 9

HS= 2.692

VS= 1.797

GS= 2.814

PATTERN #

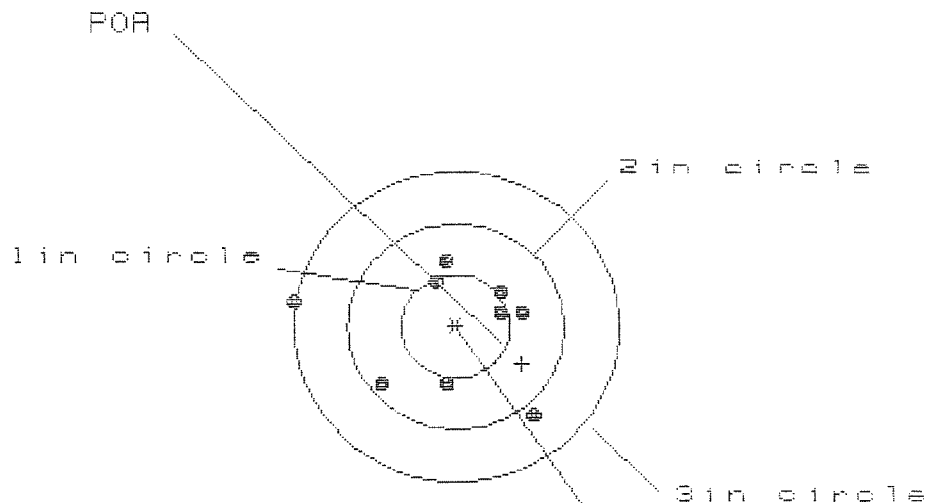
2

|                             |   |        |        |       |
|-----------------------------|---|--------|--------|-------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8     |
| MAXIMUM X                   | : | 1.282  | 1.131  | .936  |
| MINIMUM X                   | : | -1.410 | -1.561 | -.846 |
| MAXIMUM Y                   | : | .942   | .847   | .890  |
| MINIMUM Y                   | : | -.855  | -.491  | -.448 |
| CENTROID X                  | : | -.363  | -.212  | -.017 |
| CENTROID Y                  | : | -.122  | -.027  | -.070 |
| POA TO CENTROID in.         | : | .383   | .214   | .072  |
| MIN RADIUS                  | : | .278   | .242   | .210  |
| MEAN RADIUS                 | : | .891   | .790   | .676  |
| MAX RADIUS                  | : | 1.605  | 1.599  | 1.029 |
| HORIZONTAL SPREAD           | : | 2.692  | 2.692  | 1.782 |
| VERTICAL SPREAD             | : | 1.797  | 1.338  | 1.338 |
| EXTREME SPREAD              | : | 2.814  | 2.814  | 1.783 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 2      |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 5      |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 9      |       |

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FILE:/PATTERNING/CENTERFIRE\_PATT/06522128

## CENTERFIRE PATTERNS # 3



# OF SHOTS= 10

# IN CIR

1 in = 2

2 in = 8

3 in = 10

HS= 2.172

VS= 1.534

GS= 2.441

| PATTERN #                   | : | 3      |       |       |
|-----------------------------|---|--------|-------|-------|
| SHOTS (BEST OF)             | : | 10     | 9     | 8     |
| MAXIMUM X                   | : | .714   | .552  | .551  |
| MINIMUM X                   | : | -1.458 | -.888 | -.819 |
| MAXIMUM Y                   | : | .638   | .662  | .553  |
| MINIMUM Y                   | : | -.896  | -.872 | -.666 |
| CENTROID X                  | : | -.608  | -.446 | -.516 |
| CENTROID Y                  | : | .358   | .334  | .443  |
| POA TO CENTROID in.         | : | .706   | .558  | .680  |
| MIN RADIUS                  | : | .389   | .248  | .280  |
| MEAN RADIUS                 | : | .723   | .603  | .539  |
| MAX RADIUS                  | : | 1.474  | 1.048 | 1.055 |
| HORIZONTAL SPREAD           | : | 2.172  | 1.440 | 1.369 |
| VERTICAL SPREAD             | : | 1.534  | 1.534 | 1.219 |
| EXTREME SPREAD              | : | 2.441  | 1.723 | 1.534 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 2     |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 8     |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 10    |       |

18 Sep 1998

FILE:/PATTERNING/CENTERFIRE\_PATT/C8582128

## CENTERFIRE PATTERNS

# 4

POA

1 in circle

2 in circle

3 in circle

CENTROID \*

# OF SHOTS = 10

# IN CIR

1 in = 3

2 in = 5

3 in = 9

HS = 2.507

VS = 1.901

GS = 2.990

PATTERN #

4

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.257

.974

.857

MINIMUM X

-1.250

-1.110

-1.227

MAXIMUM Y

1.033

.940

.774

MINIMUM Y

-.868

-.961

-.843

CENTROID X

.269

.129

.246

CENTROID Y

-.194

-.101

-.219

POA TO CENTROID in.

.332

.164

.329

MIN RADIUS

.091

.105

.073

MEAN RADIUS

.860

.784

.699

MAX RADIUS

1.511

1.368

1.240

HORIZONTAL SPREAD

2.507

2.084

2.084

VERTICAL SPREAD

1.901

1.901

1.617

EXTREME SPREAD

2.990

2.693

2.319

NUMBER IN ONE INCH CIRCLE =

3

NUMBER IN TWO INCH CIRCLE =

6

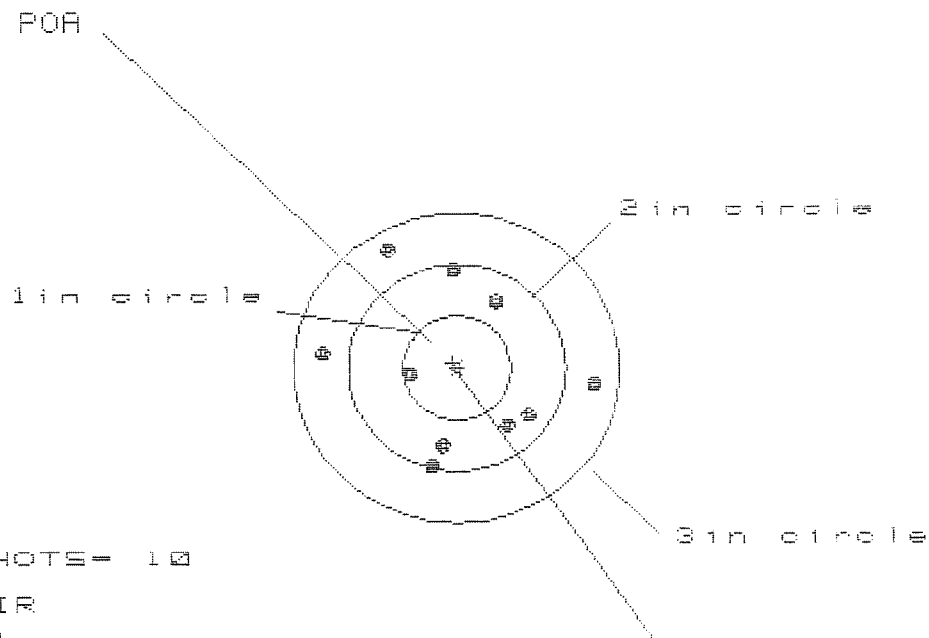
NUMBER IN THREE INCH CIRCLE =

9

16 Sep 1990

FILE:/PATTERNING/CENTERFIRE\_PATT/C6522128

## CENTERFIRE PATTERNS # 5



# OF SHOTS = 10

# IN CIR

1 in = 1

2 in = 7

3 in = 10

HS = 2.471

VS = 2.086

GS = 2.493

CENTROID \*

| PATTERN #                     | 5      | 5      | 5     |
|-------------------------------|--------|--------|-------|
| SHOTS (BEST OF)               | 10     | 9      | 8     |
| MAXIMUM X                     | 1.226  | 1.160  | .996  |
| MINIMUM X                     | -1.245 | -1.311 | -.673 |
| MAXIMUM Y                     | 1.161  | 1.090  | 1.124 |
| MINIMUM Y                     | -.925  | -.796  | -.762 |
| CENTROID X                    | .038   | .104   | .268  |
| CENTROID Y                    | -.048  | -.177  | -.211 |
| POA TO CENTROID in.           | .061   | .205   | .341  |
| MIN RADIUS                    | .443   | .523   | .422  |
| MEAN RADIUS                   | .916   | .854   | .774  |
| MAX RADIUS                    | 1.306  | 1.338  | 1.150 |
| HORIZONTAL SPREAD             | 2.471  | 2.471  | 1.669 |
| VERTICAL SPREAD               | 2.086  | 1.886  | 1.886 |
| EXTREME SPREAD                | 2.493  | 2.493  | 1.898 |
| NUMBER IN ONE INCH CIRCLE =   |        | 1      |       |
| NUMBER IN TWO INCH CIRCLE =   |        | 7      |       |
| NUMBER IN THREE INCH CIRCLE = |        | 10     |       |

**Remington®**

**DUPONT**  
REG. U.S. PAT. & TM. OFF.

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

**MODEL 700™ M24**

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

Ø1

SERIAL NO.

**C6522128**

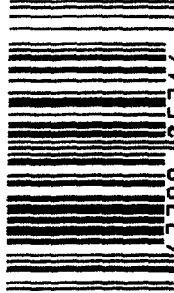
ORDER NO.

**5716**



5716 C6522128

**UPC**



0 47700 25716 7

**Armo Services Repair & Estimate System**

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

**Repair Inquiry**

Repair Number: **RE00085584** Serial: C6522128 Model M24 SWS Center Fire Caliber 7.62 NATO Repairman: Status: Closed 9/28/2004 2:34:58 PM

**Address Information**

Customer: ☒ Received From Return To: ☐ Received From

Name: C CO SPT BN 1ST SWTG A C CO SPT BN 1ST SWTG A

Address 1: AHN ARMAMENT FACILITY AHN ARMAMENT FACILITY

Address 2: PO Box: PO Box:

City: FT BRAGG FT BRAGG

State: NC Zip Code: 28310 Country: US State: NC Zip Code: 28310 Country: US

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

**Contact / Condition Problems Estimate History / Status Shipping / Billing**

**Contact Information**

Phone:

Fax:

Email:

Comments:

**Received Condition**

Fair

Condition Notes:

CSR Notes:

**Accessories Received**

| Code | Desc        | Qty |
|------|-------------|-----|
| A007 | With Studs  | 3   |
| A010 | Hard Case   | 1   |
| A017 | Scope Bases | 3   |

**Repair Search Refresh Close**

maglel 9/28/2004 2:48 PM CAPS NUM INS SCPL

start 2 3 4

Serial Number: **C6522128**

Model: **M24 SWS**



**RE00085584**

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6522128.\_\_\_0  
FILE DATE AND TIME: 10/21/2004 07:06

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.117 |
| The Average Y Centroid of the Five Target Set:              | -0.051 |
| The Average Point of Impact of the Five Target Set:         | 0.128  |
| The Average Mean Radius of the Five Target Set:             | 0.970  |
| The Distance from POA to Centroid Target #1:                | 0.283  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.305  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.417  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.471  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.782  |

**BARBER - M24 0004221**

SERIAL NUMBER: C6522128. \_\_0

TARGET NUMBER: 1

FILE DATE: 10/21/2004

FILE TIME: 07:06

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.957  | -0.103 |
| 2:     | 0.639  | -0.012 |
| 3:     | 0.587  | 0.354  |
| 4:     | 0.367  | -0.383 |
| 5:     | -0.196 | 0.118  |
| 6:     | -0.506 | 0.488  |
| 7:     | -0.851 | 0.810  |
| 8:     | -0.650 | 1.189  |
| 9:     | 0.188  | 1.261  |
| 10:    | -0.277 | -0.907 |

X CENTROID: 0.026

Y CENTROID: 0.281

POA TO CENTROID: 0.283

HORZ SPREAD: 1.808

VERT SPREAD: 2.168

GROUP SPREAD: 2.217

MIN RADIUS: 0.276

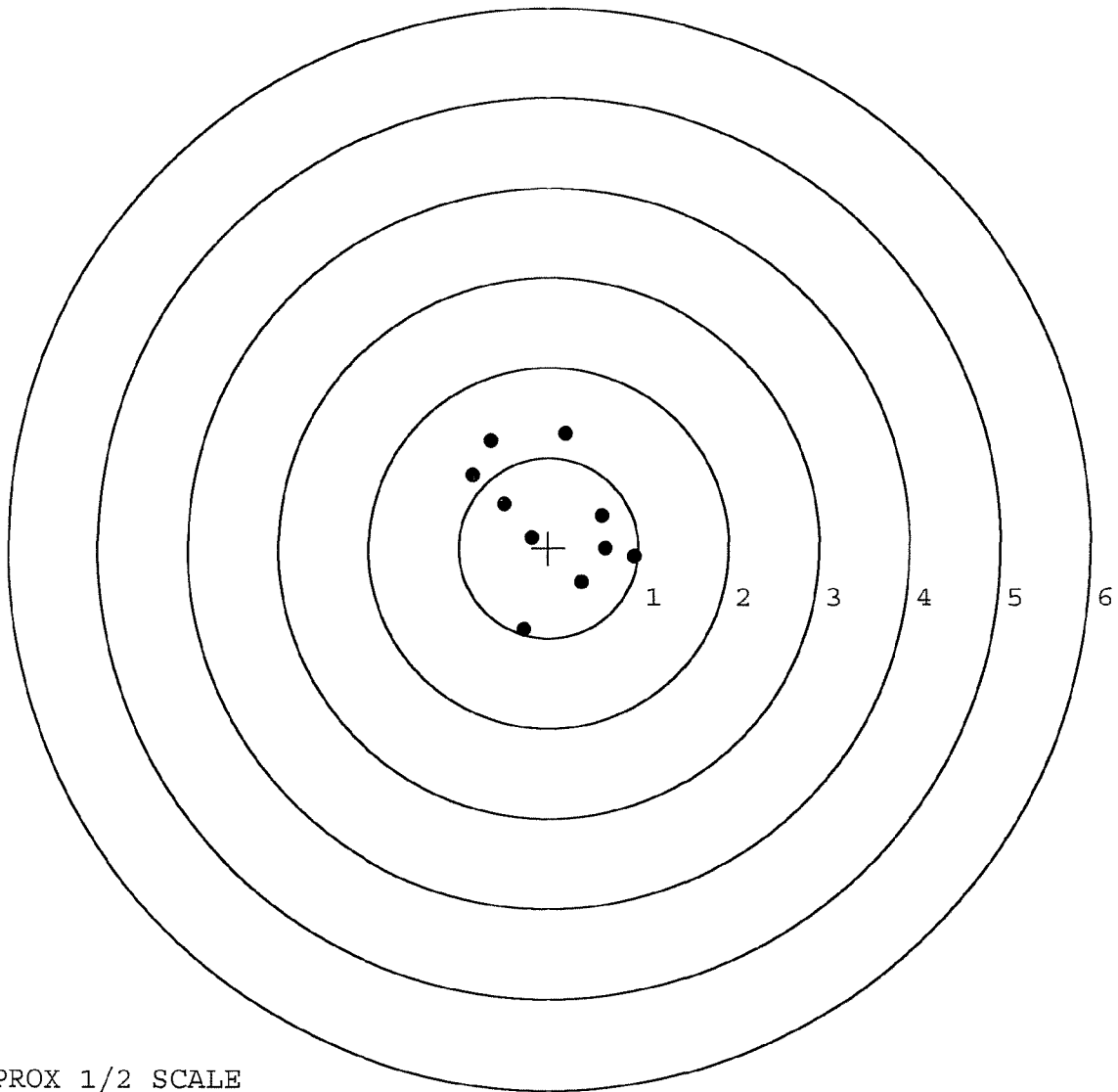
MAX RADIUS: 1.226

MEAN RADIUS: 0.822

# IN 1 IN DIAMETER: 1

# IN 2 IN DIAMETER: 6

# in 3 IN DIAMETER: 10

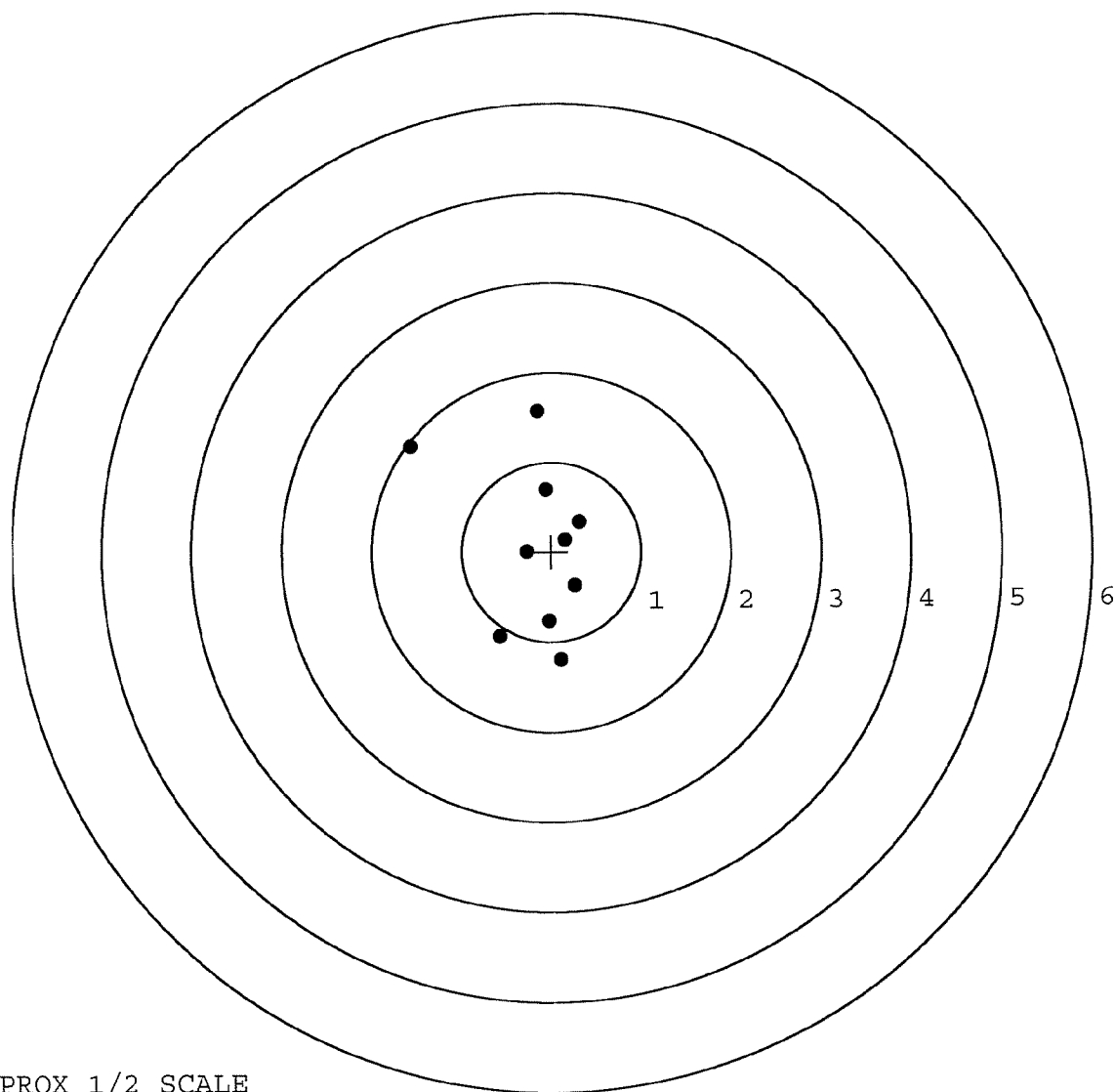


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522128. \_\_0  
 TARGET NUMBER: 2  
 FILE DATE: 10/21/2004  
 FILE TIME: 07:06

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.101  | -1.204 |
| 2:     | -0.030 | -0.774 |
| 3:     | -0.581 | -0.943 |
| 4:     | 0.265  | -0.386 |
| 5:     | -0.276 | -0.003 |
| 6:     | 0.317  | 0.330  |
| 7:     | -0.064 | 0.692  |
| 8:     | -1.564 | 1.180  |
| 9:     | 0.155  | 0.127  |
| 10:    | -0.149 | 1.572  |

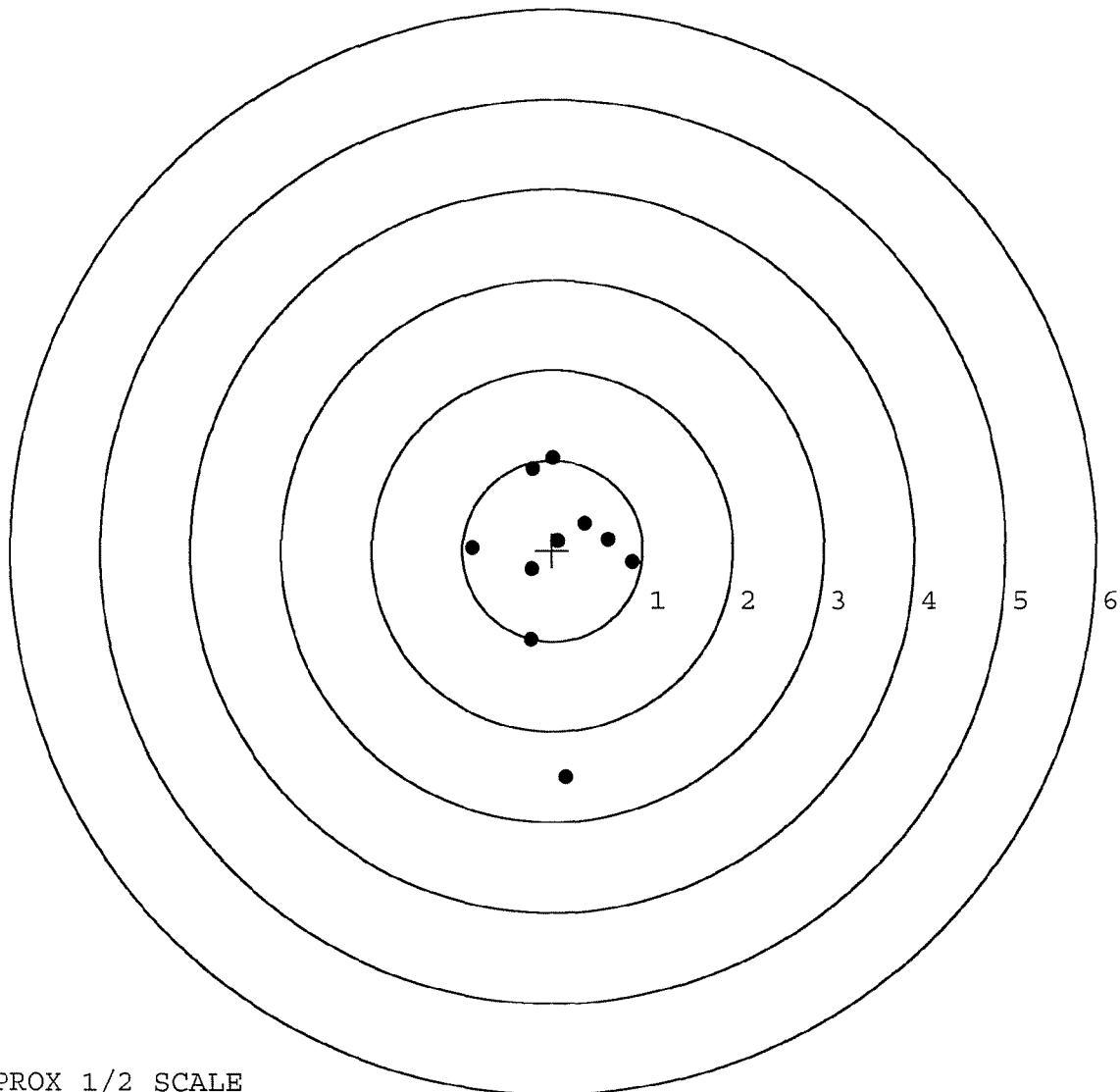
X CENTROID: -0.183  
 Y CENTROID: 0.059  
 POA TO CENTROID: 0.192  
 HORZ SPREAD: 1.881  
 VERT SPREAD: 2.776  
 GROUP SPREAD: 2.908  
 MIN RADIUS: 0.112  
 MAX RADIUS: 1.779  
 MEAN RADIUS: 0.881  
 # IN 1 IN DIAMETER: 2  
 # IN 2 IN DIAMETER: 6  
 # in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

**BARBER - M24 0004223**

|                            |        |        |        |
|----------------------------|--------|--------|--------|
| SERIAL NUMBER: C6522128. 0 | POINT# | X      | Y      |
| TARGET NUMBER: 3           | 1:     | 0.888  | -0.132 |
| FILE DATE: 10/21/2004      | 2:     | 0.620  | 0.126  |
| FILE TIME: 07:06           | 3:     | 0.358  | 0.305  |
|                            | 4:     | 0.063  | 0.100  |
| X CENTROID: 0.051          | 5:     | -0.233 | -0.207 |
| Y CENTROID: -0.135         | 6:     | -0.246 | -0.992 |
| POA TO CENTROID: 0.144     | 7:     | -0.891 | 0.038  |
| HORZ SPREAD: 1.779         | 8:     | -0.221 | 0.906  |
| VERT SPREAD: 3.539         | 9:     | 0.013  | 1.023  |
| GROUP SPREAD: 3.542        | 10:    | 0.160  | -2.516 |
| MIN RADIUS: 0.235          |        |        |        |
| MAX RADIUS: 2.384          |        |        |        |
| MEAN RADIUS: 0.901         |        |        |        |
| # IN 1 IN DIAMETER: 2      |        |        |        |
| # IN 2 IN DIAMETER: 7      |        |        |        |
| # in 3 IN DIAMETER: 9      |        |        |        |

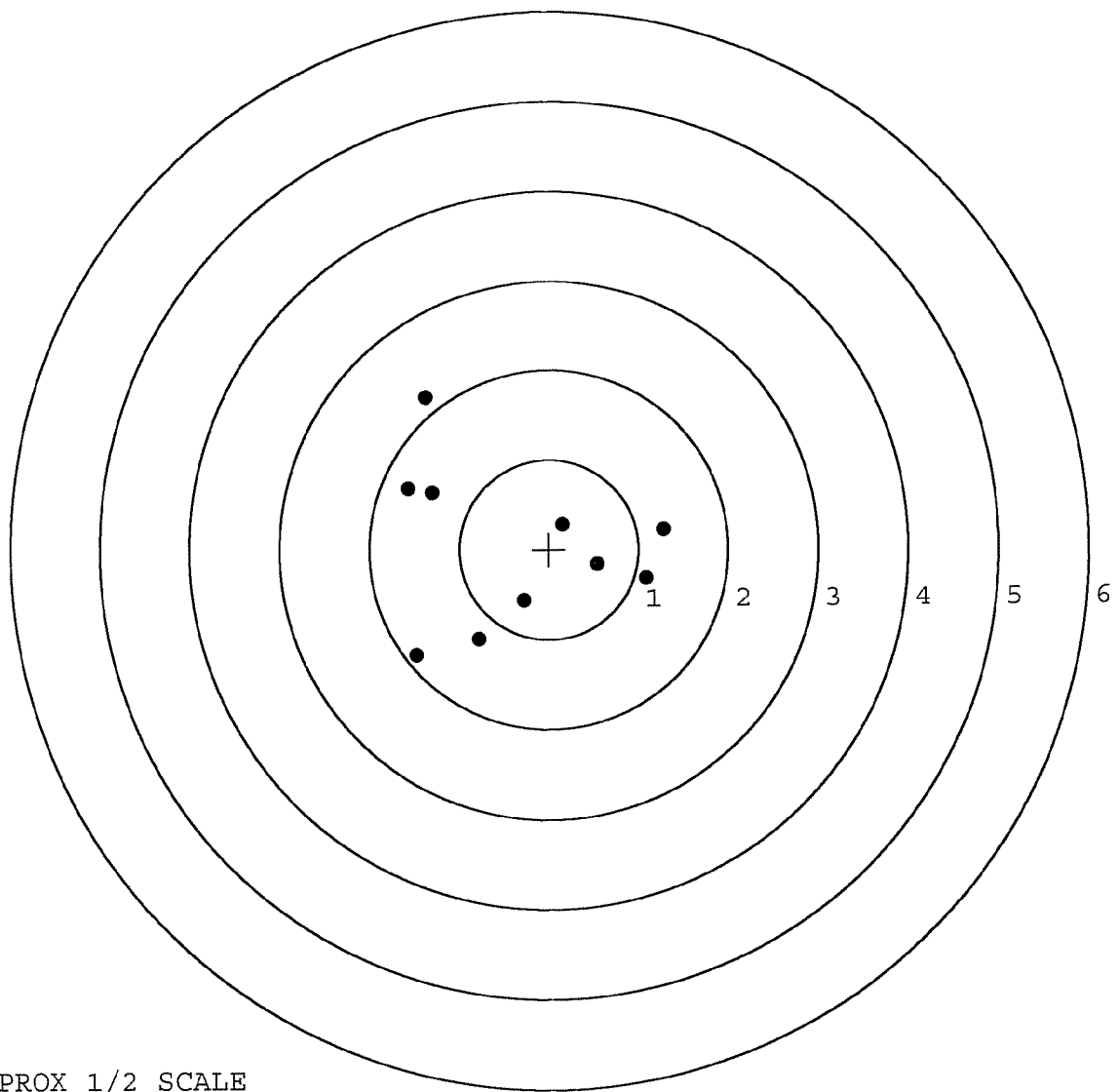


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522128. \_\_0  
 TARGET NUMBER: 4  
 FILE DATE: 10/21/2004  
 FILE TIME: 07:06

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.085  | -0.333 |
| 2:     | 1.279  | 0.219  |
| 3:     | 0.544  | -0.171 |
| 4:     | 0.158  | 0.277  |
| 5:     | -0.286 | -0.573 |
| 6:     | -0.789 | -0.995 |
| 7:     | -1.486 | -1.167 |
| 8:     | -1.295 | 0.644  |
| 9:     | -1.565 | 0.690  |
| 10:    | -1.362 | 1.706  |

X CENTROID: -0.372  
 Y CENTROID: 0.030  
 POA TO CENTROID: 0.373  
 HORZ SPREAD: 2.844  
 VERT SPREAD: 2.873  
 GROUP SPREAD: 3.185  
 MIN RADIUS: 0.585  
 MAX RADIUS: 1.947  
 MEAN RADIUS: 1.245  
 # IN 1 IN DIAMETER: 0  
 # IN 2 IN DIAMETER: 3  
 # in 3 IN DIAMETER: 6



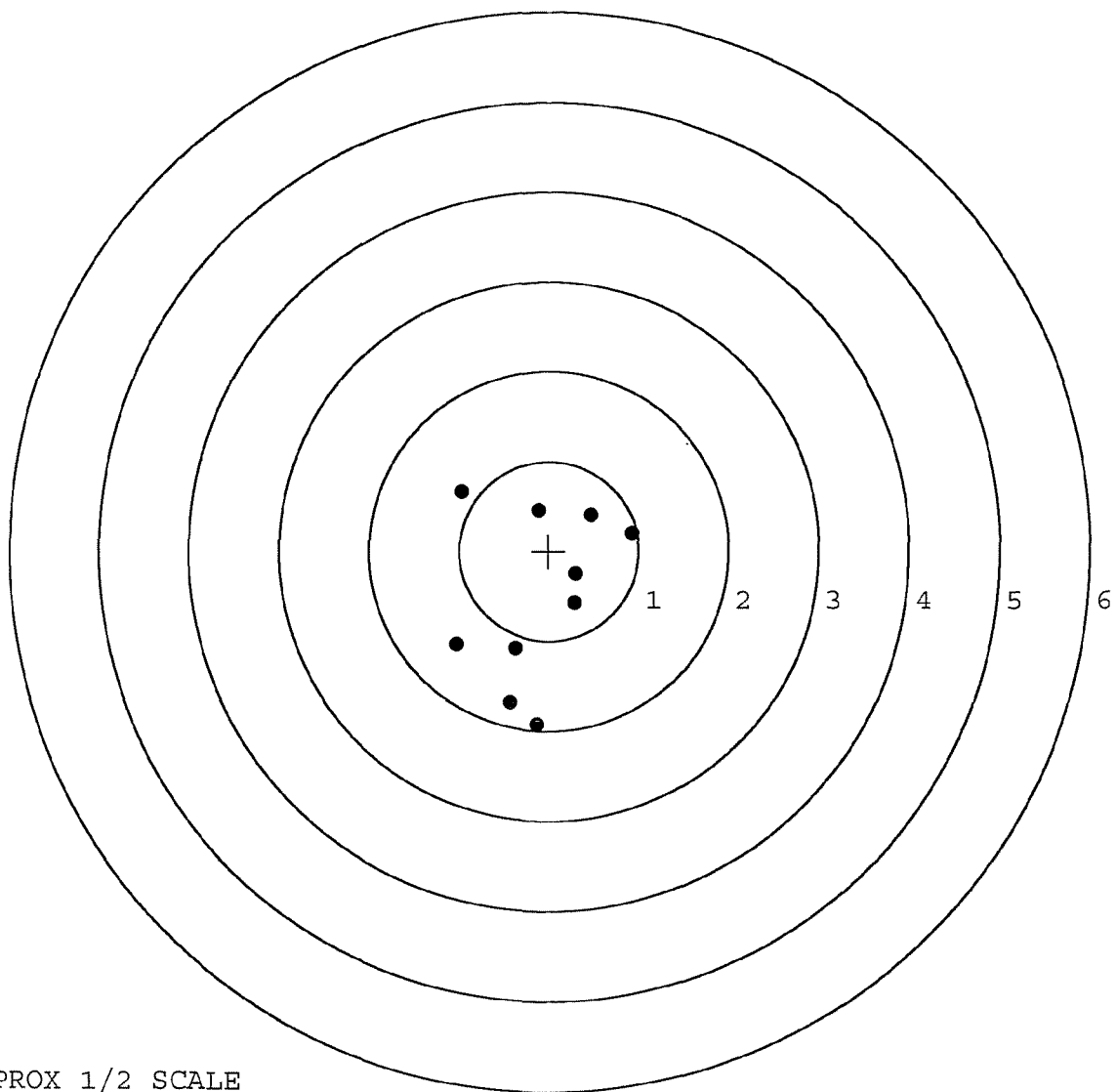
TARGET APPROX 1/2 SCALE

**BARBER - M24 0004225**

SERIAL NUMBER: C6522128. \_\_0  
 TARGET NUMBER: 5  
 FILE DATE: 10/21/2004  
 FILE TIME: 07:06

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.133 | -1.935 |
| 2:     | -0.433 | -1.692 |
| 3:     | -0.376 | -1.087 |
| 4:     | -1.033 | -1.046 |
| 5:     | 0.290  | -0.581 |
| 6:     | 0.300  | -0.256 |
| 7:     | 0.921  | 0.195  |
| 8:     | 0.469  | 0.400  |
| 9:     | -0.119 | 0.455  |
| 10:    | -0.978 | 0.660  |

X CENTROID: -0.109  
 Y CENTROID: -0.489  
 POA TO CENTROID: 0.501  
 HORZ SPREAD: 1.954  
 VERT SPREAD: 2.595  
 GROUP SPREAD: 2.729  
 MIN RADIUS: 0.410  
 MAX RADIUS: 1.446  
 MEAN RADIUS: 0.999  
 # IN 1 IN DIAMETER: 2  
 # IN 2 IN DIAMETER: 4  
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

[illegible]

**CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER**  
**KINZER V. REMINGTON**