

|                             |                   |
|-----------------------------|-------------------|
| C6348771                    |                   |
| MODEL 700 <sup>TM</sup> M24 |                   |
| Model                       | SMS <sup>TM</sup> |
| Action                      |                   |
| Barrel Length               |                   |
| Capacity                    |                   |
| Order No.                   | 5716              |
| *Includes 1 in chamber.     |                   |
| Remington                   |                   |

Arms 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: **RE00092670** Serial: C6348771 Model: M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 2/8/2005 7:41:41 AM

Verify Repair

**Address Information**

Customer: ☒ Received From Return To: ☐ Received From

Name: DEF DIST DEPOT ANNISTON DEF DIST DEPOT ANNISTON

Address 1: Address 2: PO Box: PO Box:

City: ANNISTON ANNISTON

State: AL Zip Code: 36201 4199 Country: US State: AL Zip Code: 36201 4199 Country: US

FFL

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: Fax: Email: Comments:

Received Condition

Good

Condition Notes: CSR Notes:

Accessories Received

| Code | Desc                    | Qty |
|------|-------------------------|-----|
| A007 | With Stud               | 3   |
| A010 | Hard Case               | 1   |
| A017 | Scope Base              | 1   |
| A026 | Scope                   | 1   |
| A057 | Front and Rear Sgt Base | 1   |

Repair Search Refresh Close

start 3 4

2/8/2005 9:43 AM CAPS NUM INS SCPL

Serial Number: **C6348771**

Model: **M24 SWS**

**RE00092670**

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348771.\_\_\_0  
FILE DATE AND TIME: 03/10/2005 07:52

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.002 |
| The Average Y Centroid of the Five Target Set:              | -0.014 |
| The Average Point of Impact of the Five Target Set:         | 0.014  |
| The Average Mean Radius of the Five Target Set:             | 0.902  |
| The Distance from POA to Centroid Target #1:                | 0.312  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.372  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.400  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.171  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.619  |

**BARBER - M24 0063552**

SERIAL NUMBER: C6348771. \_\_0

TARGET NUMBER: 1

FILE DATE: 03/10/2005

FILE TIME: 07:52

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.206  | -1.325 |
| 2:     | 0.234  | -0.623 |
| 3:     | 0.464  | -0.238 |
| 4:     | -0.218 | -0.771 |
| 5:     | -0.320 | -0.367 |
| 6:     | -0.705 | -1.052 |
| 7:     | -0.970 | -0.500 |
| 8:     | 0.169  | 0.265  |
| 9:     | -0.038 | 0.729  |
| 10:    | -0.248 | 1.103  |

X CENTROID: -0.143

Y CENTROID: -0.278

POA TO CENTROID: 0.312

HORZ SPREAD: 1.434

VERT SPREAD: 2.428

GROUP SPREAD: 2.470

MIN RADIUS: 0.199

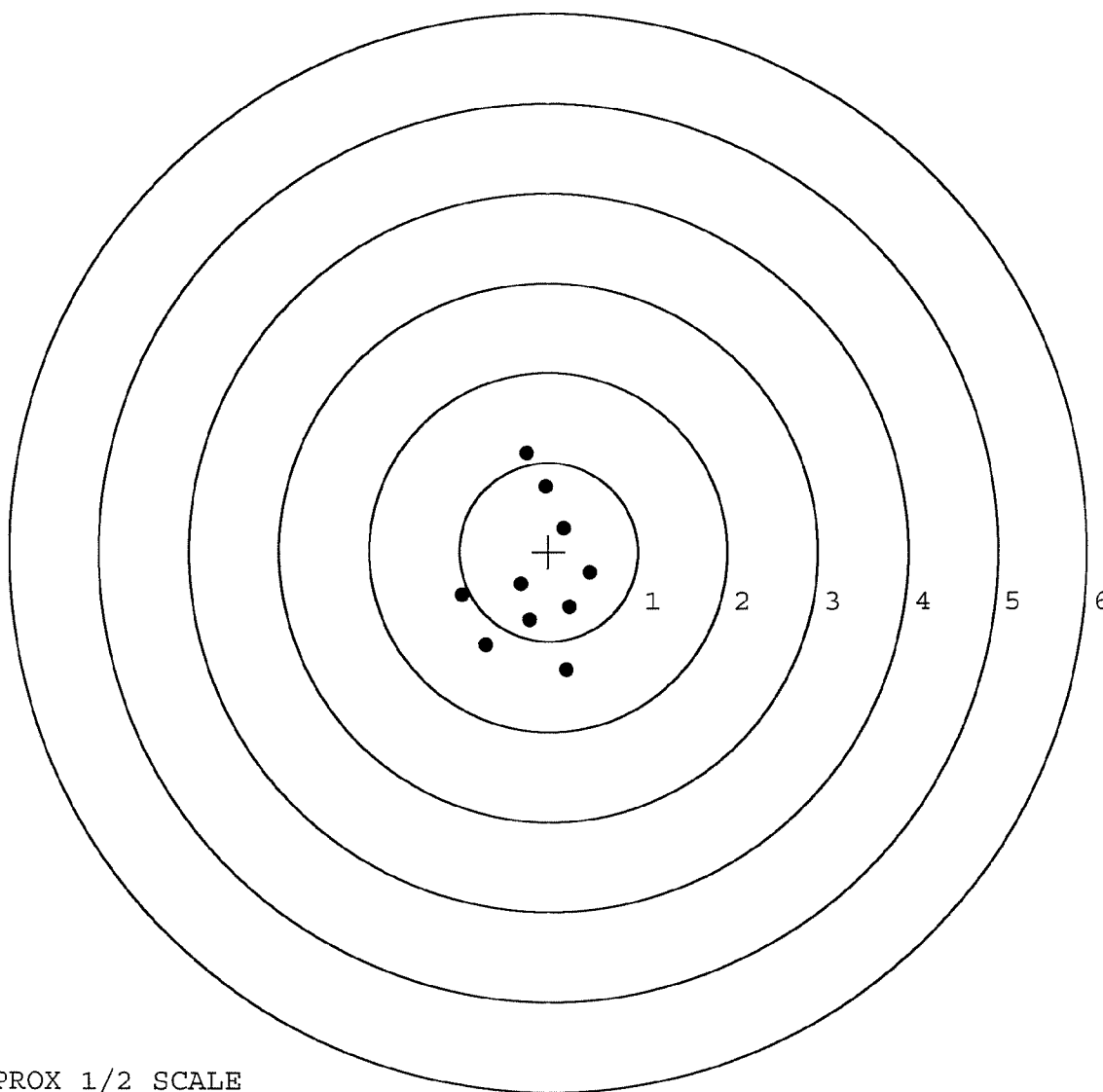
MAX RADIUS: 1.385

MEAN RADIUS: 0.776

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 7

# in 3 IN DIAMETER: 10



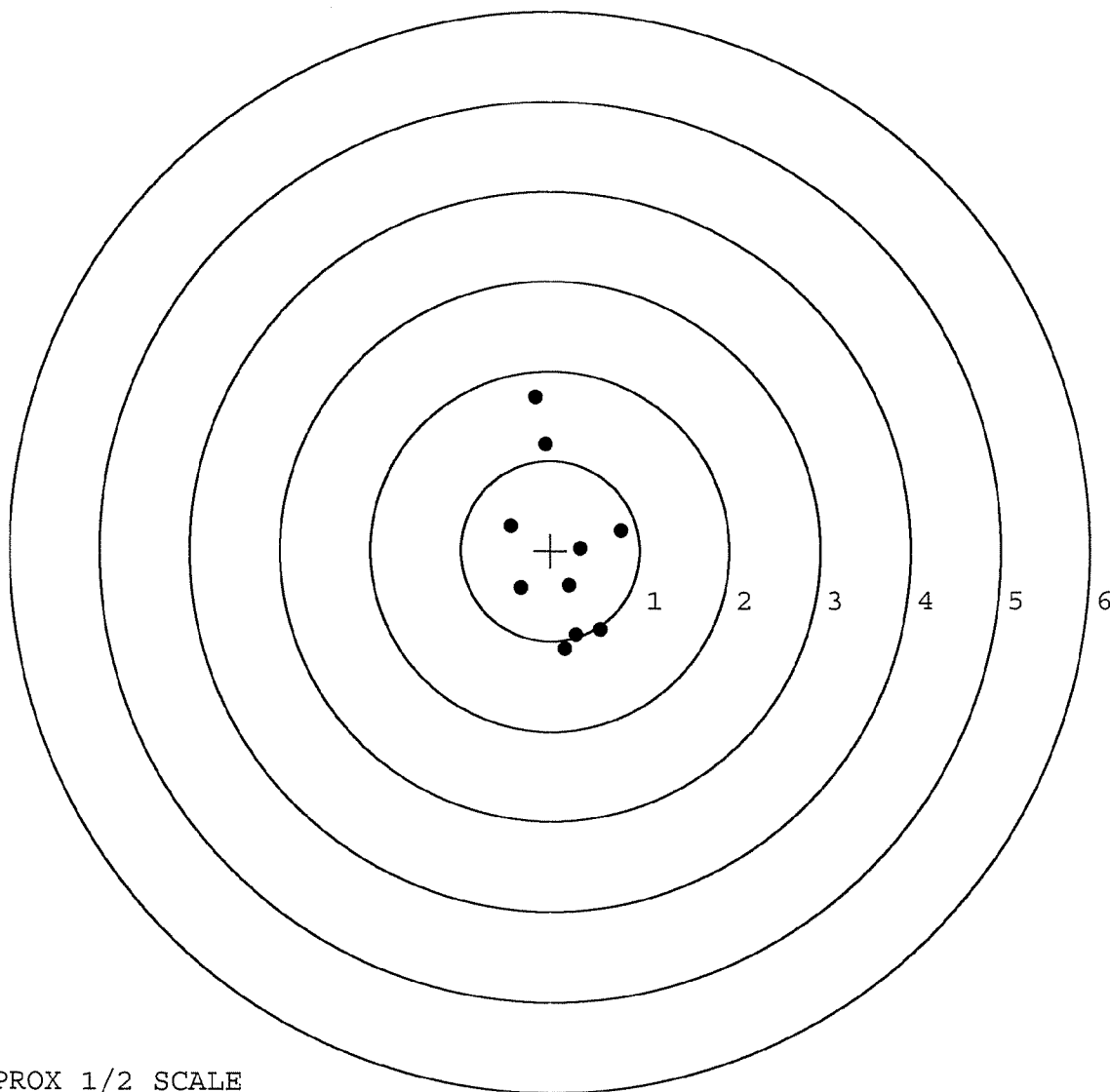
TARGET APPROX 1/2 SCALE

**BARBER - M24 0063553**

SERIAL NUMBER: C6348771. \_\_0  
 TARGET NUMBER: 2  
 FILE DATE: 03/10/2005  
 FILE TIME: 07:52

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.169 | 1.709  |
| 2:     | -0.055 | 1.181  |
| 3:     | -0.443 | 0.269  |
| 4:     | 0.340  | 0.025  |
| 5:     | 0.792  | 0.224  |
| 6:     | 0.209  | -0.390 |
| 7:     | -0.333 | -0.419 |
| 8:     | 0.561  | -0.879 |
| 9:     | 0.163  | -1.088 |
| 10:    | 0.288  | -0.938 |

X CENTROID: 0.135  
 Y CENTROID: -0.031  
 POA TO CENTROID: 0.139  
 HORZ SPREAD: 1.235  
 VERT SPREAD: 2.797  
 GROUP SPREAD: 2.817  
 MIN RADIUS: 0.212  
 MAX RADIUS: 1.766  
 MEAN RADIUS: 0.846  
 # IN 1 IN DIAMETER: 2  
 # IN 2 IN DIAMETER: 7  
 # in 3 IN DIAMETER: 9



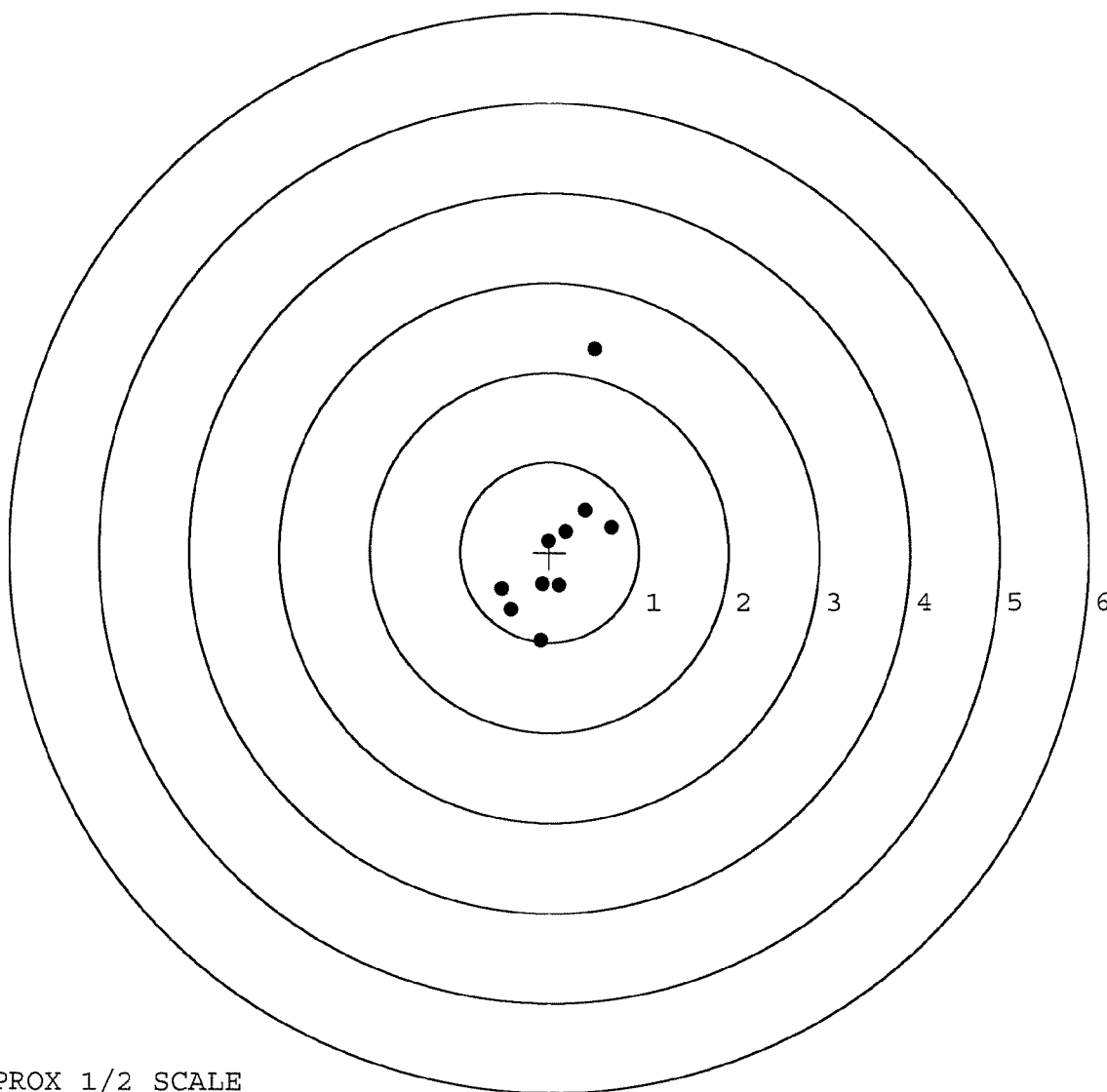
TARGET APPROX 1/2 SCALE

**BARBER - M24 0063554**

SERIAL NUMBER: C6348771. \_\_0  
 TARGET NUMBER: 3  
 FILE DATE: 03/10/2005  
 FILE TIME: 07:52

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.510  | 2.265  |
| 2:     | 0.694  | 0.275  |
| 3:     | 0.406  | 0.464  |
| 4:     | 0.185  | 0.228  |
| 5:     | -0.016 | 0.124  |
| 6:     | 0.112  | -0.370 |
| 7:     | -0.085 | -0.354 |
| 8:     | -0.100 | -0.983 |
| 9:     | -0.439 | -0.644 |
| 10:    | -0.534 | -0.411 |

X CENTROID: 0.073  
 Y CENTROID: 0.059  
 POA TO CENTROID: 0.094  
 HORZ SPREAD: 1.228  
 VERT SPREAD: 3.248  
 GROUP SPREAD: 3.305  
 MIN RADIUS: 0.110  
 MAX RADIUS: 2.248  
 MEAN RADIUS: 0.731  
 # IN 1 IN DIAMETER: 4  
 # IN 2 IN DIAMETER: 8  
 # in 3 IN DIAMETER: 9



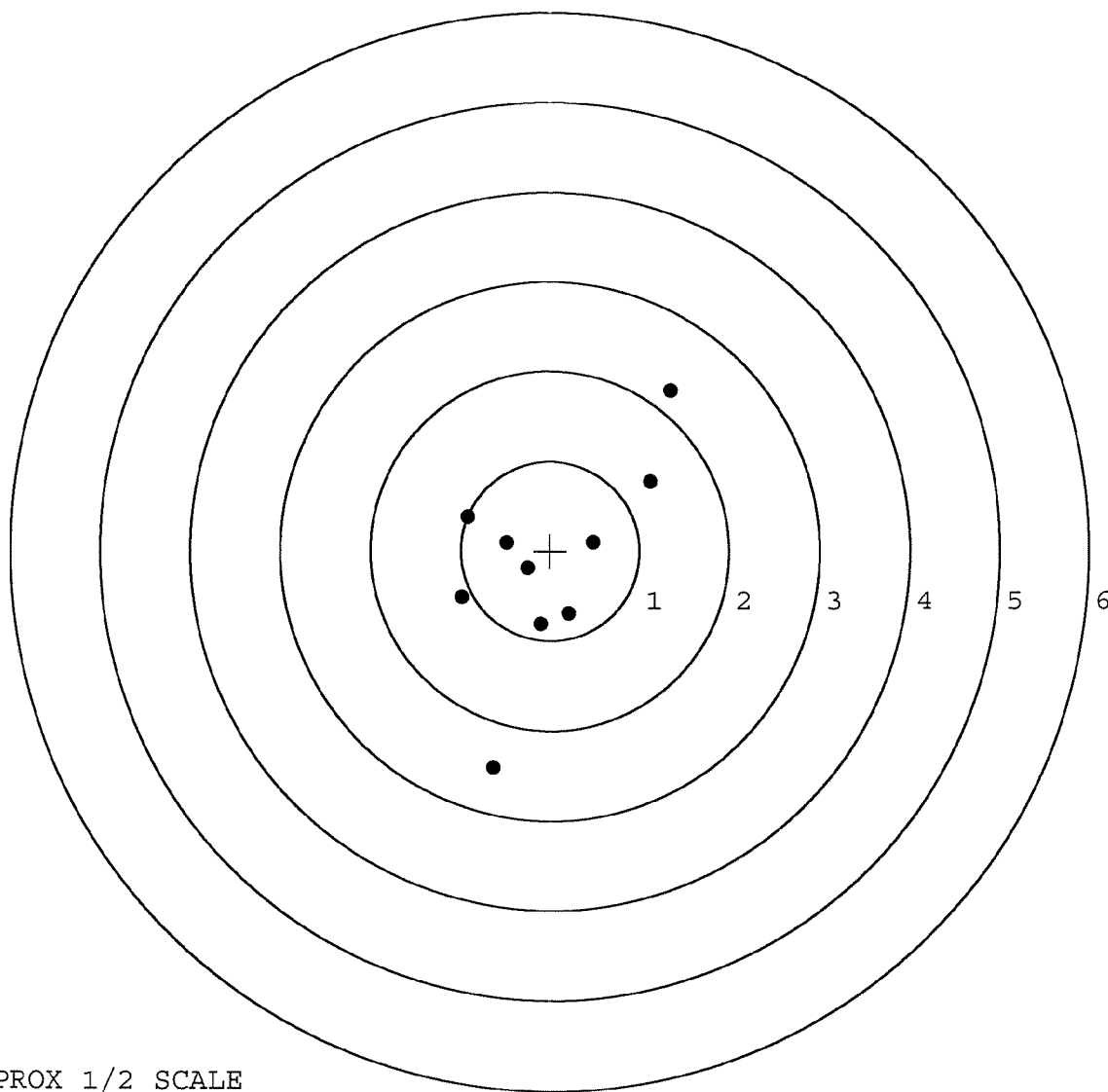
TARGET APPROX 1/2 SCALE

**BARBER - M24 0063555**

SERIAL NUMBER: C6348771. \_\_0  
 TARGET NUMBER: 4  
 FILE DATE: 03/10/2005  
 FILE TIME: 07:52

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.634 | -2.416 |
| 2:     | 1.120  | 0.774  |
| 3:     | 1.350  | 1.786  |
| 4:     | 0.486  | 0.098  |
| 5:     | 0.211  | -0.704 |
| 6:     | -0.112 | -0.822 |
| 7:     | -0.255 | -0.197 |
| 8:     | -0.492 | 0.088  |
| 9:     | -0.926 | 0.380  |
| 10:    | -0.990 | -0.526 |

X CENTROID: -0.024  
 Y CENTROID: -0.154  
 POA TO CENTROID: 0.156  
 HORZ SPREAD: 2.340  
 VERT SPREAD: 4.202  
 GROUP SPREAD: 4.647  
 MIN RADIUS: 0.235  
 MAX RADIUS: 2.377  
 MEAN RADIUS: 1.088  
 # IN 1 IN DIAMETER: 1  
 # IN 2 IN DIAMETER: 5  
 # in 3 IN DIAMETER: 8



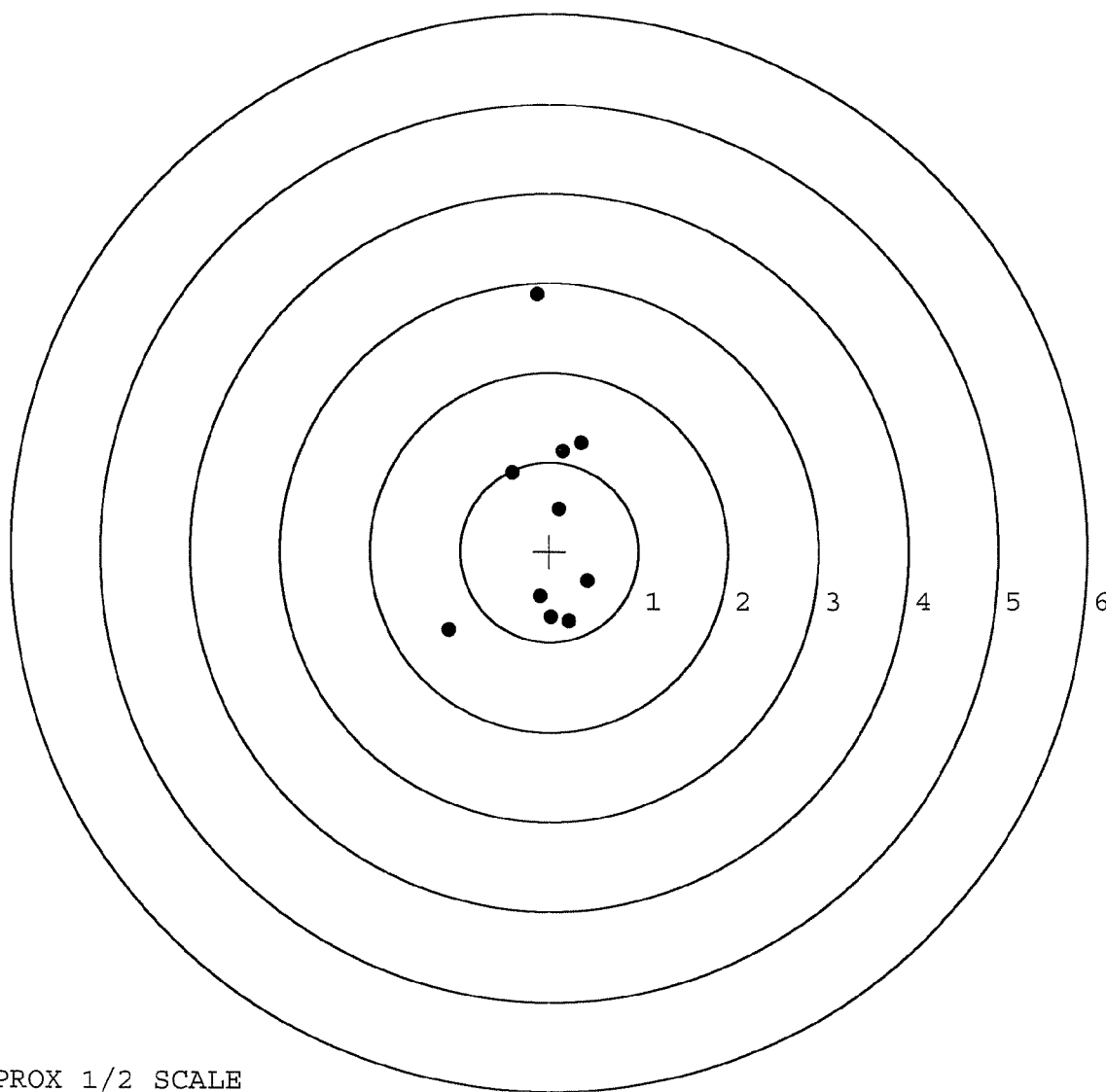
TARGET APPROX 1/2 SCALE

**BARBER - M24 0063556**

SERIAL NUMBER: C6348771. \_\_0  
 TARGET NUMBER: 5  
 FILE DATE: 03/10/2005  
 FILE TIME: 07:52

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -1.120 | -0.878 |
| 2:     | -0.145 | 2.868  |
| 3:     | 0.356  | 1.217  |
| 4:     | 0.153  | 1.121  |
| 5:     | -0.422 | 0.882  |
| 6:     | 0.113  | 0.477  |
| 7:     | 0.428  | -0.331 |
| 8:     | 0.222  | -0.777 |
| 9:     | 0.018  | -0.732 |
| 10:    | -0.112 | -0.502 |

X CENTROID: -0.051  
 Y CENTROID: 0.334  
 POA TO CENTROID: 0.338  
 HORZ SPREAD: 1.548  
 VERT SPREAD: 3.746  
 GROUP SPREAD: 3.871  
 MIN RADIUS: 0.217  
 MAX RADIUS: 2.535  
 MEAN RADIUS: 1.069  
 # IN 1 IN DIAMETER: 1  
 # IN 2 IN DIAMETER: 6  
 # in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

|                     |                    |           |               |
|---------------------|--------------------|-----------|---------------|
| R & E NUMBER        | 92670              |           |               |
| SERIAL NUMBER       | C6348771           |           |               |
| LOG-IN DATE         | 2-8-05             |           |               |
| INSPECT AND VERIFY: |                    |           |               |
| OPERATION #         | OPERATION NAME     | DATE      | INITIAL       |
| 550                 | DIS-ASSEMBLE GUN   | 8-12-05   | RTL           |
| 560 A               | RE-BARREL          | 2-16-05   | RTZ           |
| B                   | DRILL AND TAP      | 2-17-05   | TRW           |
| 575                 | ASSEMBLE           | 2-16-05   | RTZ           |
| 600                 | PROOF              | 2-17-05   | MAGNA-FLUX AC |
| 605                 | CHECK HEADSPACE    | 2-17-05   | INSPECTED AC  |
| 610                 | DIS-ASSEMBLE GUN   | 2-17-05   | RTZ           |
| 612                 | MAGNAFLUX          | OPERATOR  | RTZ           |
| 615                 | ROLLMARK CALIBER   | 2-18-05   | CW            |
| 618                 | ROTO-BLAST         | 2-18-05   | LB            |
| 620                 | APPLY COATINGS     | 3-1-05    | RTZ           |
| 625 A               | FINAL ASSEMBLY     | 3-8-05    | RTZ           |
| B                   | TRIGGER PULL TEST  |           |               |
| C                   | SAFETY "ON" FORCE  | 3-10-05   | AC            |
| D                   | SAFETY "OFF" FORCE | 3-10-05   | AC            |
| E                   | FIRING PIN INDENT  | 3-10-05   | AC            |
| 640                 | TARGET             | 3-10-05   | AC            |
| 655                 | FINAL INSPECT      | 3-10-05   | AC            |
| 660                 | PACK               | 3-14-05   | DA            |
|                     |                    | SHIP DATE |               |
| QAR INSPECTION DATE |                    |           |               |

**Remington**



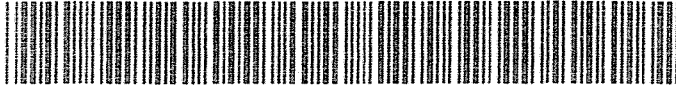
VERY IMPORTANT:  
Instruction Book  
enclosed to assure  
safe use of this  
firearm.

**MODEL 700™ M24**

**SERIAL NO.**  
C6348771

**ORDER NO.**  
**5716**

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



5716 C6348771

**UPC**



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6348771

| OP. #        | OP. NAME                                                       | READINGS | DATE       | INIT |
|--------------|----------------------------------------------------------------|----------|------------|------|
| 575 &<br>580 | Assemble Action<br>and Stock                                   | 5 17     | 89         | RW   |
| 600          | Proof                                                          | 5 17     | 89         | RW   |
| 607          | Check Headspace                                                | 5 17     | 89         | RW   |
| 610          | Dis-assemble Gun                                               | 5 17     | 89         | RW   |
| 612          | Magnaflux Barrel<br>Action                                     |          | 5/19       | KCR  |
|              | Magnaflux Bolt                                                 |          | 5/19       | KCR  |
| 615          | Rollmark Caliber                                               |          | 5/19       | JS   |
| 617          | Drill and Tap Sight Holes                                      | 5 22     | 89         | F.B  |
| 618          | Polish Barrel                                                  | 5 22     | 89         | BT   |
| 620          | Apply Coatings<br>(Barrel Action)                              |          | 5-26-89    | JS   |
|              | Apply Coating (Bolt)                                           |          |            |      |
| 625          | Final Assembly<br>A) Clean inside of<br>Bolt Assembly          |          | 7/14/89    | RW   |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |          | 7/14/89    | RW   |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |          | 7/14/89    | RW   |
|              | D) Oil Firing Pin Ass'y                                        |          | 7/14/89    | RW   |
|              | E) Adjust Trigger Pull to<br>Min Setting and Stake             |          | 18 July 89 | JS   |

| op. #        | BARBER - M24 0063560<br>OP. NAME                            | READINGS |       |      |      |      | DATE       | INIT |
|--------------|-------------------------------------------------------------|----------|-------|------|------|------|------------|------|
| 625<br>cont. | F) Safety On Force                                          | 6        | 6     | 6    |      |      | 18 July 89 | SS   |
|              | G) Safety Off Force                                         | 4        | 4     | 4    |      |      | 18 July 89 | SS   |
|              | H) Trigger Pull Test & Retainability                        |          |       |      |      |      | 18 July 89 | SS   |
|              | I) Firing Pin Indent                                        | .020     | .0205 | .021 |      |      | 18 July 89 | SS   |
|              | J) Assemble Stock                                           |          |       |      |      |      | 7/19/89    | RW   |
|              | K) Assemble Swivel Studs                                    |          |       |      |      |      | 25 July 89 | SS   |
|              | L) Attach Front and Rear Sight Assemblies                   |          |       |      |      |      | 7/19/89    | RW   |
|              | M) Iron Sight Alignment                                     |          |       |      |      |      | 7/19/89    | RW   |
|              | N) Detach Front & Rear Sights & place in numbered container |          |       |      |      |      | 7/19/89    | RW   |
|              | O) Attach Scope to Rifle                                    |          |       |      |      |      | 7/19/89    | SS   |
|              | P) Detach & Attach Scope 20 Times                           |          |       |      |      |      | 7/20/89    | SS   |
| 640          | Gallery Target & Test                                       | 67R      | 79L   |      |      |      | 7-24-89    | SS   |
|              | A) Time                                                     |          |       |      |      |      | 7-24-89    | SS   |
|              | B) Malfunctions                                             |          |       |      |      |      | 7-24-89    | SS   |
|              | C) Pierced Primers                                          |          |       |      |      |      | 7-24-89    | SS   |
|              | D) Optical Clarity of Scope                                 |          |       |      |      |      | 7-24-89    | SS   |
| 645          | Inspect for Live Ammo                                       |          |       |      |      |      | 7-24-89    | SS   |
| 655          | Final Inspection                                            |          |       |      |      |      |            |      |
|              | A) Headspace                                                |          |       |      |      |      | 25 July 89 | SS   |
|              | B) Trigger Pull                                             | 2.09     | 2.23  | 2.24 | 2.23 | 2.27 | 25 July 89 | SS   |
|              | C) Function                                                 |          |       |      |      |      | 25 July 89 | SS   |
| 660          | Pack                                                        |          |       |      |      |      | 20 Sept 89 | SS   |

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 8771  
C6348972DATE 3/6/89TESTER 912

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |       | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|-------|------------------------------------------------------------------------|
| PULL #1 | 2.59             | 2.20                     | 2.60                           | 2.62  | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.45             | 2.48                     | 2.50                           | 2.75  |                                                                        |
| PULL #3 | 2.46             | 2.51                     | 2.49                           | 2.71  |                                                                        |
| PULL #4 | 2.48             | 2.53                     | 2.49                           | 2.77  |                                                                        |
| PULL #5 | 2.43             | 2.40                     | 2.44                           | 2.69  |                                                                        |
| TOTAL   | 12.01            | 12.12                    | 12.52                          | 13.54 |                                                                        |
| AVG.    | 2.402            | 2.424                    | 2.504                          | 2.708 |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.19             | 3.05                     |  |          |
| PULL #2 | 3.29             | 3.02                     |  |          |
| PULL #3 | 3.18             | 3.18                     |  |          |
| PULL #4 | 3.26             | 3.24                     |  |          |
| PULL #5 | 3.21             | 3.19                     |  |          |
| TOTAL   | 16.13            | 15.68                    |  |          |
| AVG.    | 3.226            | 3.136                    |  |          |

|         | 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 | 4.35             | 4.15                     |                                | 4.00                                 |
| PULL #2 | 4.35             | 4.15                     |                                | 4.05                                 |
| PULL #3 | 4.28             | 4.20                     |                                | 4.13                                 |
| PULL #4 | 4.23             | 4.12                     |                                | 4.09                                 |
| PULL #5 | 4.26             | 4.16                     |                                | 4.09                                 |
| TOTAL   | 21.47            | 21.78                    |                                | 20.36                                |
| AVG.    | 4.294            | 4.256                    |                                | 4.072                                |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # 06348771  
24 Jul 1989

CENTROIDAL DISTANCES

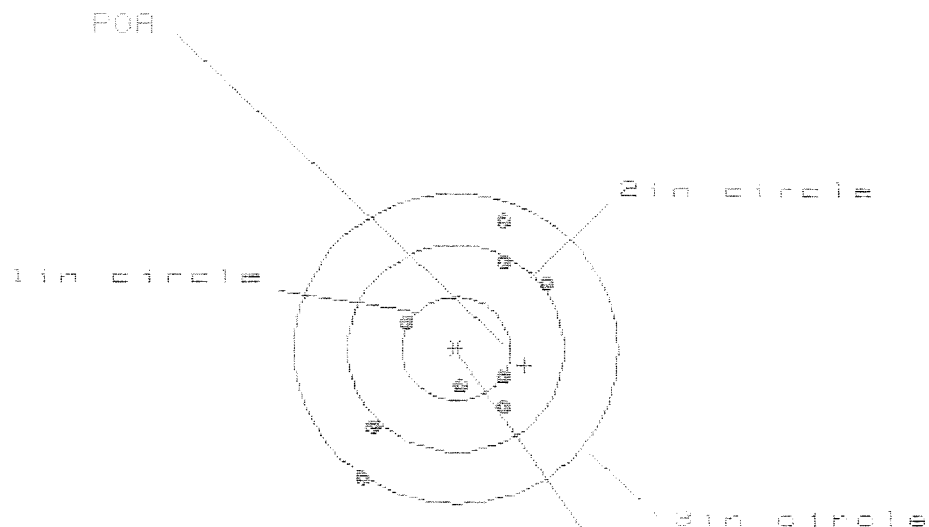
|      |   |         |
|------|---|---------|
| 0 TO | 1 | .65291  |
| 1 TO | 2 | .65445  |
| 1 TO | 3 | .639832 |
| 1 TO | 4 | .947254 |
| 1 TO | 5 | .510014 |

1 2 3 4 5  
+ + + + +  
2 1 4 3 5  
-----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.2858  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0834  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .298286  
THE AVERAGE POI RADIUS FOR THIS RIFLE IS: .8768

FILE:/PATTERNING/CENTERFIRE\_PATT/083487?1

## CENTERFIRE PATTERNS # 1



# OF SHOTS= 10

# IN CIR

1 in = 3

2 in = 6

3 in = 9

HS= 1.687

VS= 2.541

GS= 2.828

CENTROID \*

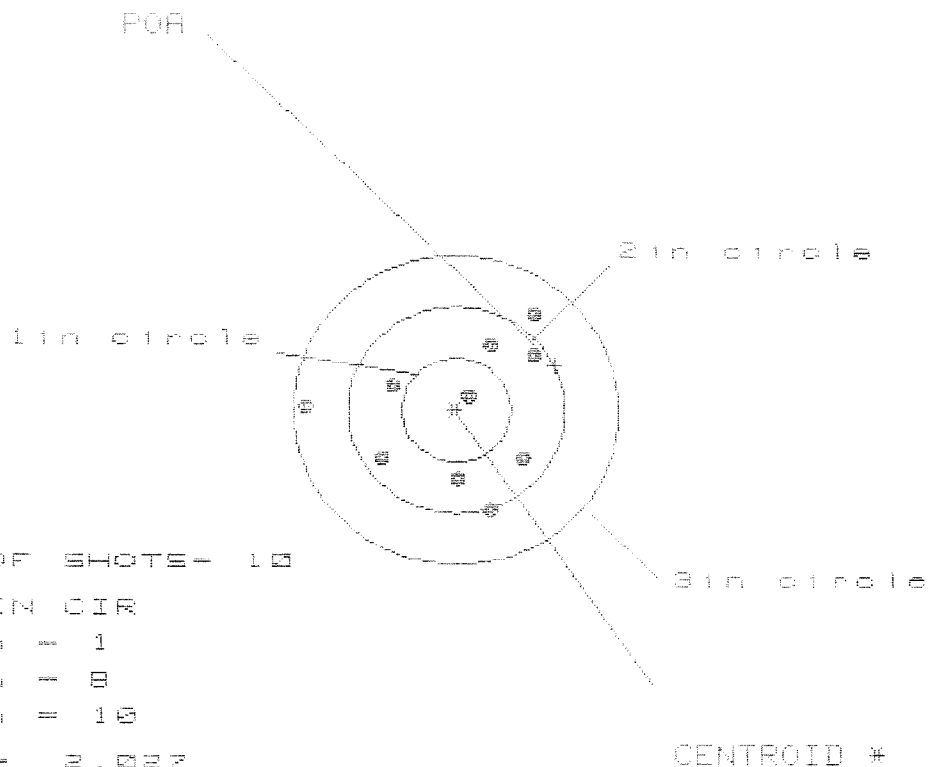
| PATTERN #                     | 1      | 2     | 3     |
|-------------------------------|--------|-------|-------|
| SHOTS (BEST OF)               | 10     | 9     | 8     |
| MAXIMUM X                     | .858   | .766  | .803  |
| MINIMUM X                     | -.829  | -.894 | -.856 |
| MAXIMUM Y                     | 1.279  | 1.139 | .831  |
| MINIMUM Y                     | -1.262 | -.934 | -.791 |
| CENTROID X                    | -.634  | -.542 | -.580 |
| CENTROID Y                    | .156   | .296  | .153  |
| POA TO CENTROID in.           | .653   | .617  | .599  |
| MIN RADIUS                    | .372   | .517  | .371  |
| MEAN RADIUS                   | .865   | .793  | .725  |
| MP RADIUS                     | 1.510  | 1.293 | 1.166 |
| HORIZONTAL SPREAD             | 1.687  | 1.660 | 1.660 |
| VERTICAL SPREAD               | 2.541  | 2.073 | 1.622 |
| EXTREME SPREAD                | 2.828  | 2.393 | 2.207 |
| NUMBER IN ONE INCH CIRCLE =   | 3      |       |       |
| NUMBER IN TWO INCH CIRCLE =   | 6      |       |       |
| NUMBER IN THREE INCH CIRCLE = | 9      |       |       |

.011

FILE:/PATTERNING/CENTERFIRE\_PATT/0634B771

## CENTERFIRE PATTERNS

# 2



# OF SHOTS- 10

# IN CIR

1 in = 1

2 in = 8

3 in = 10

HS= 2.027

VS= 1.861

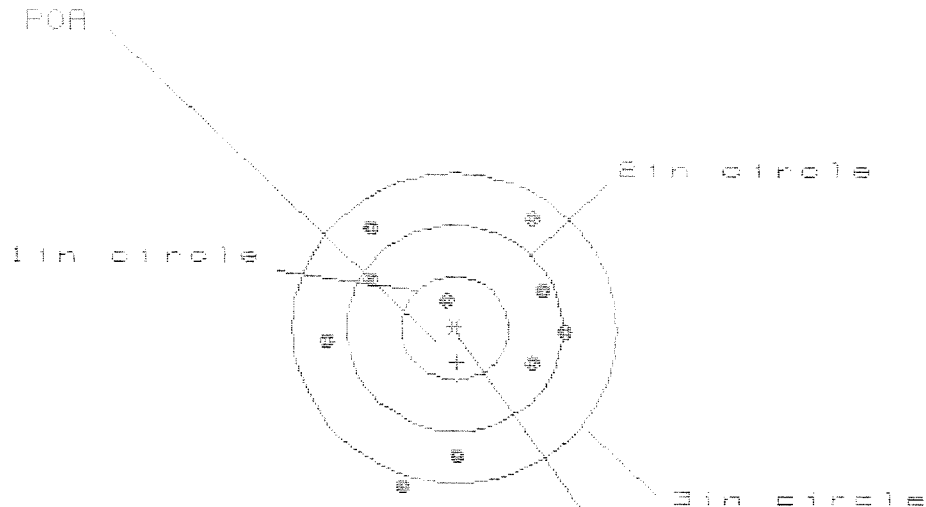
GS= 2.223

CENTROID \*

| PATTERN #                   | : | 2      |       |       |
|-----------------------------|---|--------|-------|-------|
| SHOTS (BEST OF)             | : | 10     | 9     | 8     |
| MAXIMUM X                   | : | .688   | .539  | .606  |
| MINIMUM X                   | : | -1.339 | -.855 | -.788 |
| MAXIMUM Y                   | : | .946   | .949  | .784  |
| MINIMUM Y                   | : | -.915  | -.912 | -.793 |
| CENTROID X                  | : | -.913  | -.764 | -.831 |
| CENTROID Y                  | : | -.436  | -.439 | -.557 |
| POB TO CENTROID in.         | : | 1.012  | .881  | 1.001 |
| MIN RADIUS                  | : | .207   | .186  | .300  |
| MEAN RADIUS                 | : | .818   | .746  | .701  |
| MAX RADIUS                  | : | 1.339  | 1.090 | .879  |
| HORIZONTAL SPREAD           | : | 2.027  | 1.394 | 1.394 |
| VERTICAL SPREAD             | : | 1.861  | 1.861 | 1.578 |
| EXTREME SPREAD              | : | 2.223  | 2.016 | 1.724 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 1     |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 8     |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 10    |       |

FILE:/PATTERNING/CENTERFIRE PATT/06346771

CENTERFIRE PATTERN # 2



# OF SHOTS = 10

# IN CIR

Figure 1 is a schematic representation of the experimental design. It shows a sequence of events: a subject enters a room, a door is closed, and a light is turned on. The subject then performs a task, and the door is opened. The subject then exits the room. The diagram is labeled with 'Subject', 'Door', 'Light', and 'Task'.

$$\sin \theta = \frac{1}{2}$$

**H** **E** **A**

2025 RELEASE UNDER E.O. 14176

Figure 1 is a schematic representation of the experimental design. It shows a flow from 'Study 1' to 'Study 2'. Study 1 involves 'Participants' and 'Stimuli' leading to 'Results'. Study 2 involves 'Participants' and 'Stimuli' leading to 'Results'. The flow is indicated by arrows and labels like 'Study 1', 'Study 2', 'Participants', 'Stimuli', and 'Results'.

CENTROID \*

| PATTERN #                   | : | 3      |        |        |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.002  | .946   | 1.033  |
| MINIMUM X                   | : | -1.201 | -1.257 | -1.170 |
| MAXIMUM Y                   | : | 1.098  | .929   | .932   |
| MINIMUM Y                   | : | -1.523 | -1.435 | -1.319 |
| CENTROID X                  | : | -.018  | .038   | -.049  |
| CENTROID Y                  | : | .329   | .498   | .382   |
| FOA TO CENTROID in.         | : | .330   | .500   | .385   |
| MIN RADIUS                  | : | .268   | .161   | .208   |
| MEAN RADIUS                 | : | 1.059  | .969   | .949   |
| MAX RADIUS                  | : | 1.606  | 1.435  | 1.322  |
| HORIZONTAL SPREAD           | : | 2.203  | 2.203  | 2.203  |
| VERTICAL SPREAD             | : | 2.621  | 2.364  | 2.251  |
| EXTREME SPREAD              | : | 2.910  | 2.467  | 2.396  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 1      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 4      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 9      |        |

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CENTERFIRE PATTERNS

# 4

POB

1 in circle

2 in circle

3 in circle

CENTROID \*

# OF SHOTS= 10

# IN CIR

1 in = 1

2 in = 5

3 in = 10

HS= 2.428

VS= 1.834

GS= 2.434

PATTERN #

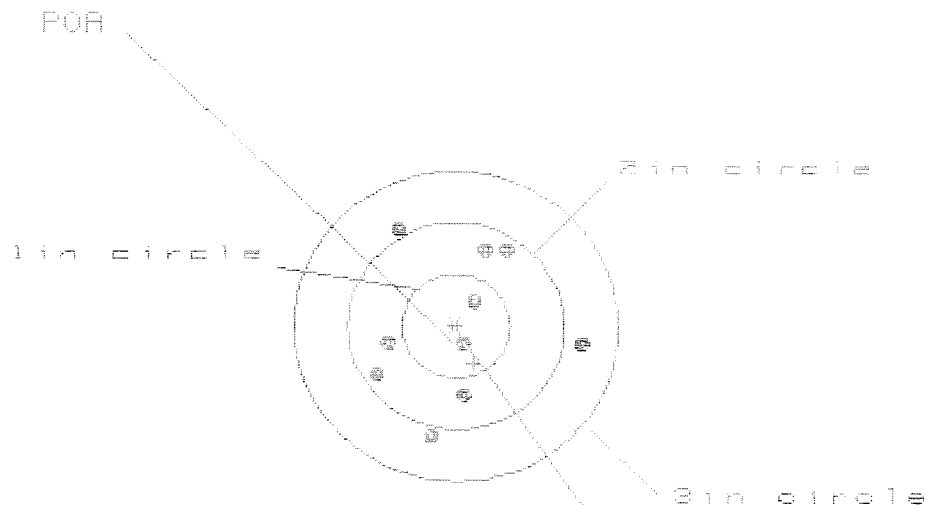
4

| SHOTS (BEST OF)               | 10     | 9      | 8     |
|-------------------------------|--------|--------|-------|
| MAXIMUM X                     | 1.264  | 1.091  | .924  |
| MINIMUM X                     | -1.224 | -1.337 | -.950 |
| MAXIMUM Y                     | .789   | .826   | .848  |
| MINIMUM Y                     | -1.045 | -.958  | -.936 |
| CENTROID X                    | .303   | .416   | .583  |
| CENTROID Y                    | .017   | -.070  | -.092 |
| POB TO CENTROID IN.           | .303   | .422   | .590  |
| MIN RADIUS                    | .352   | .215   | .052  |
| MEAN RADIUS                   | .869   | .787   | .663  |
| MAX RADIUS                    | 1.291  | 1.348  | 1.066 |
| HORIZONTAL SPREAD             | 2.428  | 2.428  | 1.884 |
| VERTICAL SPREAD               | 1.834  | 1.784  | 1.784 |
| EXTREME SPREAD                | 2.434  | 2.434  | 1.934 |
| NUMBER IN ONE INCH CIRCLE =   |        | 1      |       |
| NUMBER IN TWO INCH CIRCLE =   |        | 6      |       |
| NUMBER IN THREE INCH CIRCLE = |        | 10     |       |

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## CENTERFIRE PATTERNS # 5



# OF SHOTS= 10

# IN CIR

1in = 2

2in = 7

3in = 10

HS= 1.891

VS= 1.986

GS= 2.044

CENTROID \*

| PATTERN #                     | 5      | 9      | 8     |
|-------------------------------|--------|--------|-------|
| SHOTS (BEST OF)               | 10     | 9      | 8     |
| MAXIMUM X                     | 1.123  | .618   | .562  |
| MINIMUM X                     | -.769  | -.644  | -.780 |
| MAXIMUM Y                     | .961   | .941   | .833  |
| MINIMUM Y                     | -1.025 | -1.045 | -.927 |
| CENTROID X                    | -.167  | -.291  | -.235 |
| CENTROID Y                    | .361   | .381   | .264  |
| POR TO CENTROID in.           | .398   | .480   | .353  |
| MIN RADIUS                    | .166   | .271   | .171  |
| MEAN RADIUS                   | .773   | .737   | .682  |
| MAX RADIUS                    | 1.137  | 1.054  | .975  |
| HORIZONTAL SPREAD             | 1.891  | 1.262  | 1.262 |
| VERTICAL SPREAD               | 1.986  | 1.986  | 1.760 |
| EXTREME SPREAD                | 2.044  | 2.011  | 1.881 |
| NUMBER IN ONE INCH CIRCLE =   | 2      |        |       |
| NUMBER IN TWO INCH CIRCLE =   | 7      |        |       |
| NUMBER IN THREE INCH CIRCLE = | 10     |        |       |