

C6349047

MODEL 700<sup>TM</sup> M24

Model **SWS** <sup>TM</sup>

Action

Barrel Length

Capacity

Order No. **5716**

\*Includes 1 in chamber.

*Remington*

## 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: RE00135357

Serial: C6349047 Model M24 SWS Center Fire  
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 10/16/2007 7:32:07 AM

## Address Information

Customer:

Received From

Return To:

Received From

Name: COMMANDER OF KILO 2/11 ACR

COMMANDER OF KILO 2/11 ACR

Address 1: P.O. BOX 105050

P.O. BOX 105050

Address 2: PO Box:

PO Box:

City: FORT IRWIN

FORT IRWIN

State: CA Zip Code: 92310

Country: US

State: CA Zip Code: 92310

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   |
| A026 | Scope                 | 1   |
| A045 | Bi Pod                | 1   |
| A057 | Frt and Rear Sgt Base | 1   |

Repair Search

Refresh

Close

naglej

10/16/2007

10:00 AM

CAPS

NUM

INS

SCRL

start

2 Microsoft Of...

3 Internet Exp...

Microsoft Excel -...

Arms Services R...

10:00 AM

Serial  
Number:

C6349047

Model: M24 SWS



RE00135357

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349047.\_\_\_0

FILE DATE AND TIME: 12/10/2007 12:51

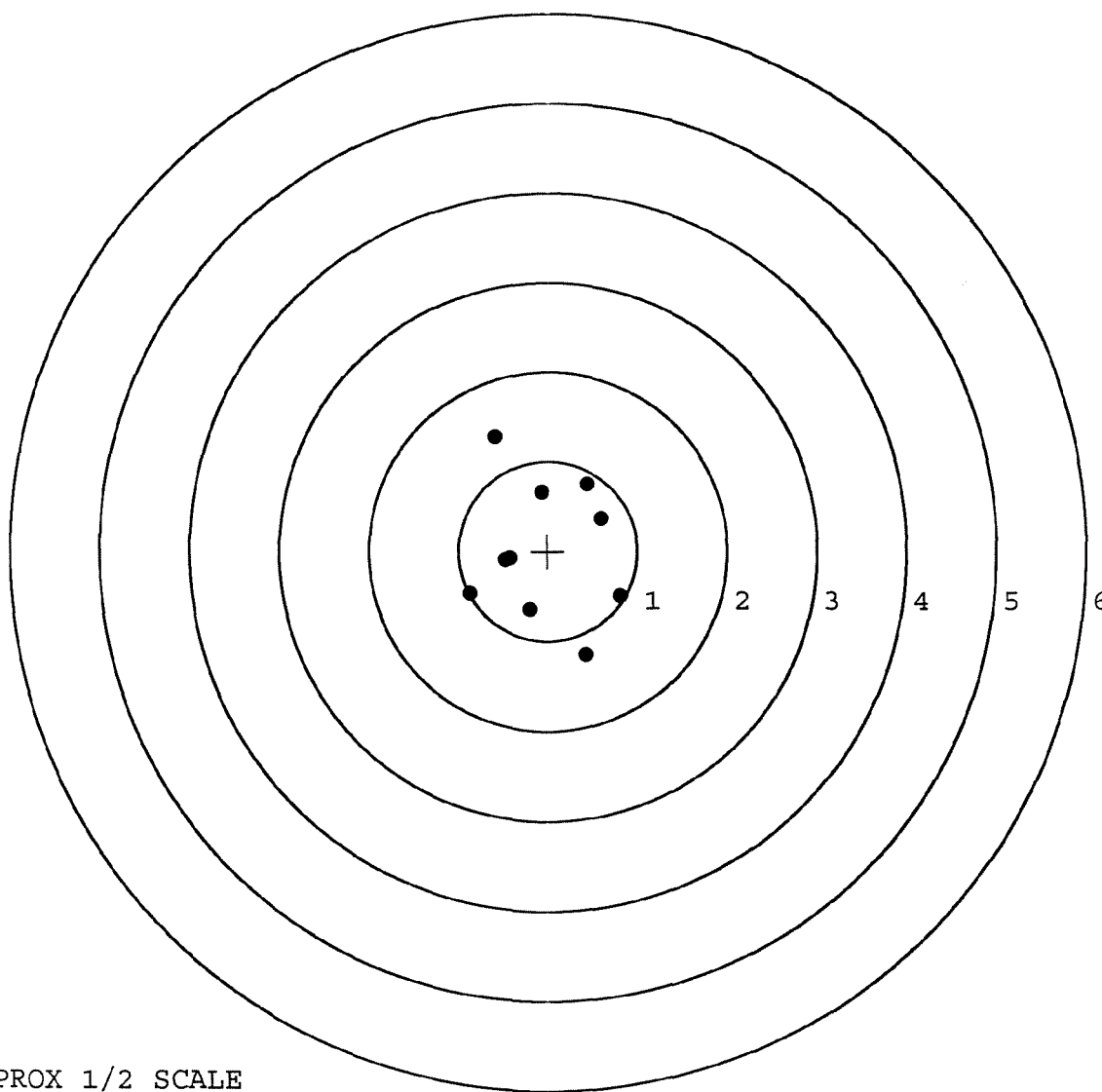
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.078 |
| The Average Y Centroid of the Five Target Set:              | -0.023 |
| The Average Point of Impact of the Five Target Set:         | 0.081  |
| The Average Mean Radius of the Five Target Set:             | 0.770  |
| The Distance from POA to Centroid Target #1:                | 0.036  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.051  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.157  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.048  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.080  |

SERIAL NUMBER: C6349047.\_\_\_0  
TARGET NUMBER: 1  
FILE DATE: 12/10/2007  
FILE TIME: 12:51

X CENTROID: -0.036  
Y CENTROID: 0.005  
POA TO CENTROID: 0.036  
HORZ SPREAD: 1.682  
VERT SPREAD: 2.424  
GROUP SPREAD: 2.633  
MIN RADIUS: 0.399  
MAX RADIUS: 1.383  
MEAN RADIUS: 0.837  
# IN 1 IN DIAMETER: 2  
# IN 2 IN DIAMETER: 8  
# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.432  | -1.154 |
| 2:     | -0.203 | -0.655 |
| 3:     | -0.874 | -0.476 |
| 4:     | -0.425 | -0.084 |
| 5:     | 0.808  | -0.506 |
| 6:     | 0.595  | 0.363  |
| 7:     | 0.446  | 0.740  |
| 8:     | -0.069 | 0.656  |
| 9:     | -0.595 | 1.270  |
| 10:    | -0.474 | -0.105 |

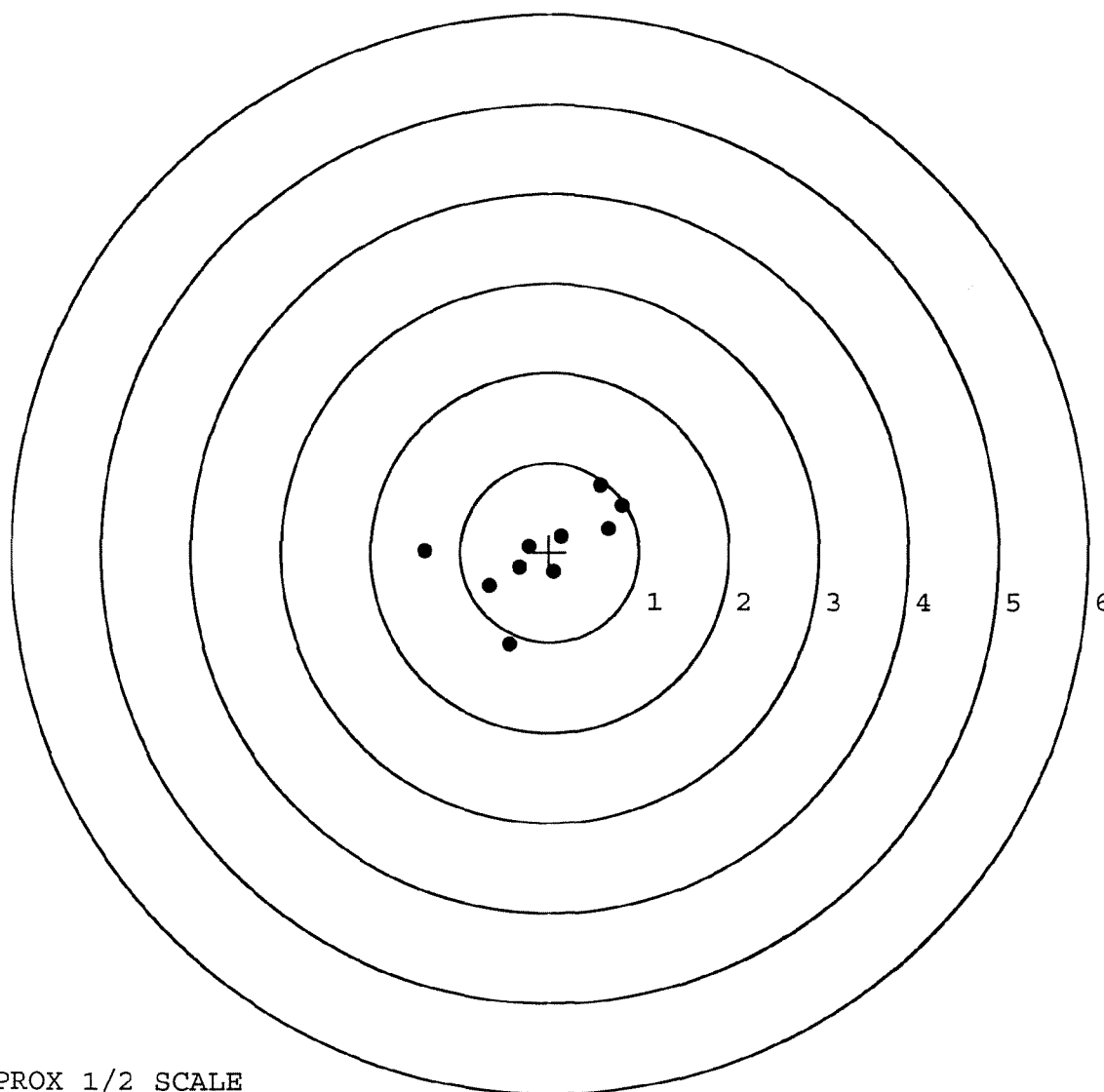


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349047. \_\_0  
TARGET NUMBER: 2  
FILE DATE: 12/10/2007  
FILE TIME: 12:51

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.571  | 0.757  |
| 2:     | 0.808  | 0.522  |
| 3:     | 0.657  | 0.265  |
| 4:     | 0.130  | 0.177  |
| 5:     | 0.053  | -0.224 |
| 6:     | -0.453 | -1.031 |
| 7:     | -0.675 | -0.378 |
| 8:     | -1.387 | 0.016  |
| 9:     | -0.230 | 0.061  |
| 10:    | -0.339 | -0.167 |

X CENTROID: -0.086  
Y CENTROID: 0.000  
POA TO CENTROID: 0.087  
HORZ SPREAD: 2.195  
VERT SPREAD: 1.788  
GROUP SPREAD: 2.253  
MIN RADIUS: 0.156  
MAX RADIUS: 1.301  
MEAN RADIUS: 0.692  
# IN 1 IN DIAMETER: 4  
# IN 2 IN DIAMETER: 6  
# in 3 IN DIAMETER: 10

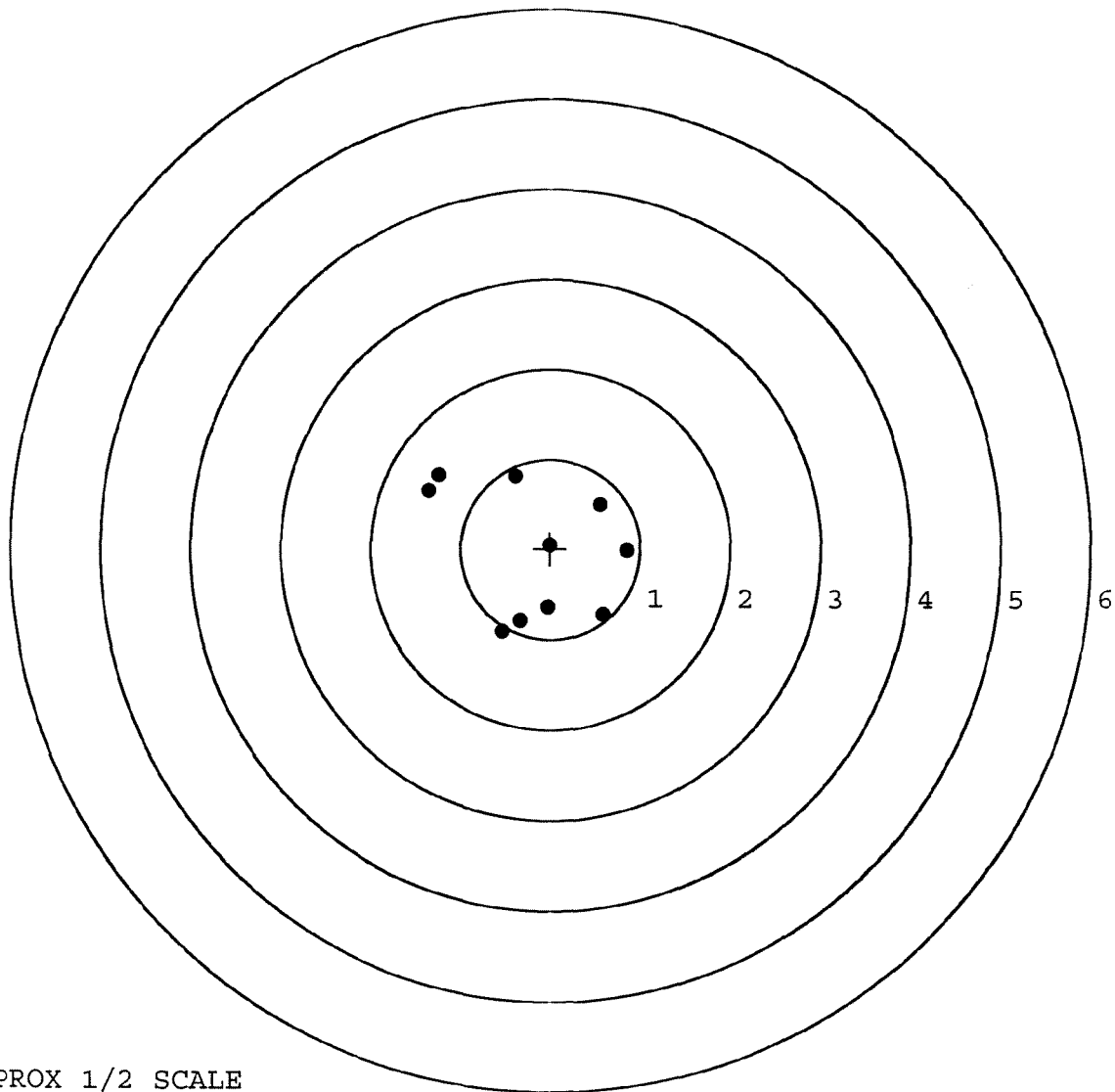


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349047.\_\_\_0  
TARGET NUMBER: 3  
FILE DATE: 12/10/2007  
FILE TIME: 12:51

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -1.237 | 0.822  |
| 2:     | -1.347 | 0.647  |
| 3:     | -0.393 | 0.813  |
| 4:     | 0.554  | 0.497  |
| 5:     | 0.857  | -0.023 |
| 6:     | 0.593  | -0.727 |
| 7:     | -0.002 | 0.036  |
| 8:     | -0.031 | -0.647 |
| 9:     | -0.338 | -0.794 |
| 10:    | -0.546 | -0.916 |

X CENTROID: -0.189  
Y CENTROID: -0.029  
POA TO CENTROID: 0.191  
HORZ SPREAD: 2.204  
VERT SPREAD: 1.738  
GROUP SPREAD: 2.398  
MIN RADIUS: 0.198  
MAX RADIUS: 1.350  
MEAN RADIUS: 0.913  
# IN 1 IN DIAMETER: 1  
# IN 2 IN DIAMETER: 6  
# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349047. \_\_0

TARGET NUMBER: 4

FILE DATE: 12/10/2007

FILE TIME: 12:51

| POINT# | X | Y |
|--------|---|---|
|--------|---|---|

|    |        |        |
|----|--------|--------|
| 1: | -0.844 | -1.056 |
|----|--------|--------|

|    |       |        |
|----|-------|--------|
| 2: | 0.109 | -0.918 |
|----|-------|--------|

|    |        |        |
|----|--------|--------|
| 3: | -0.188 | -0.693 |
|----|--------|--------|

|    |       |        |
|----|-------|--------|
| 4: | 0.053 | -0.428 |
|----|-------|--------|

|    |       |       |
|----|-------|-------|
| 5: | 0.525 | 0.105 |
|----|-------|-------|

|    |        |       |
|----|--------|-------|
| 6: | -0.707 | 0.900 |
|----|--------|-------|

|    |       |       |
|----|-------|-------|
| 7: | 0.341 | 0.686 |
|----|-------|-------|

|    |       |       |
|----|-------|-------|
| 8: | 0.147 | 0.330 |
|----|-------|-------|

|    |       |       |
|----|-------|-------|
| 9: | 0.027 | 0.529 |
|----|-------|-------|

|     |        |       |
|-----|--------|-------|
| 10: | -0.205 | 0.305 |
|-----|--------|-------|

X CENTROID: -0.074

Y CENTROID: -0.024

POA TO CENTROID: 0.078

HORZ SPREAD: 1.369

VERT SPREAD: 1.956

GROUP SPREAD: 2.107

MIN RADIUS: 0.354

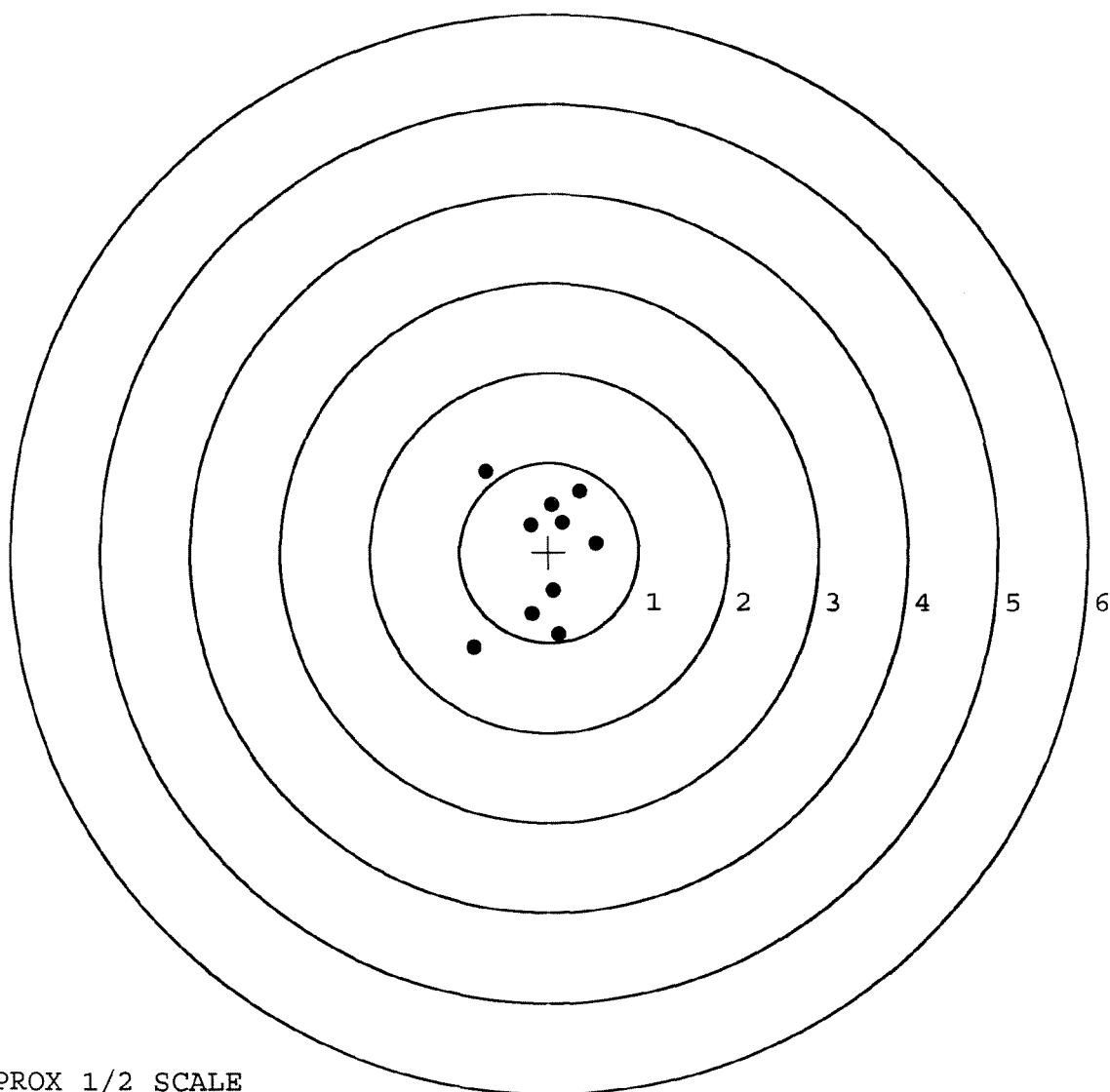
MAX RADIUS: 1.287

MEAN RADIUS: 0.719

# IN 1 IN DIAMETER: 3

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 10

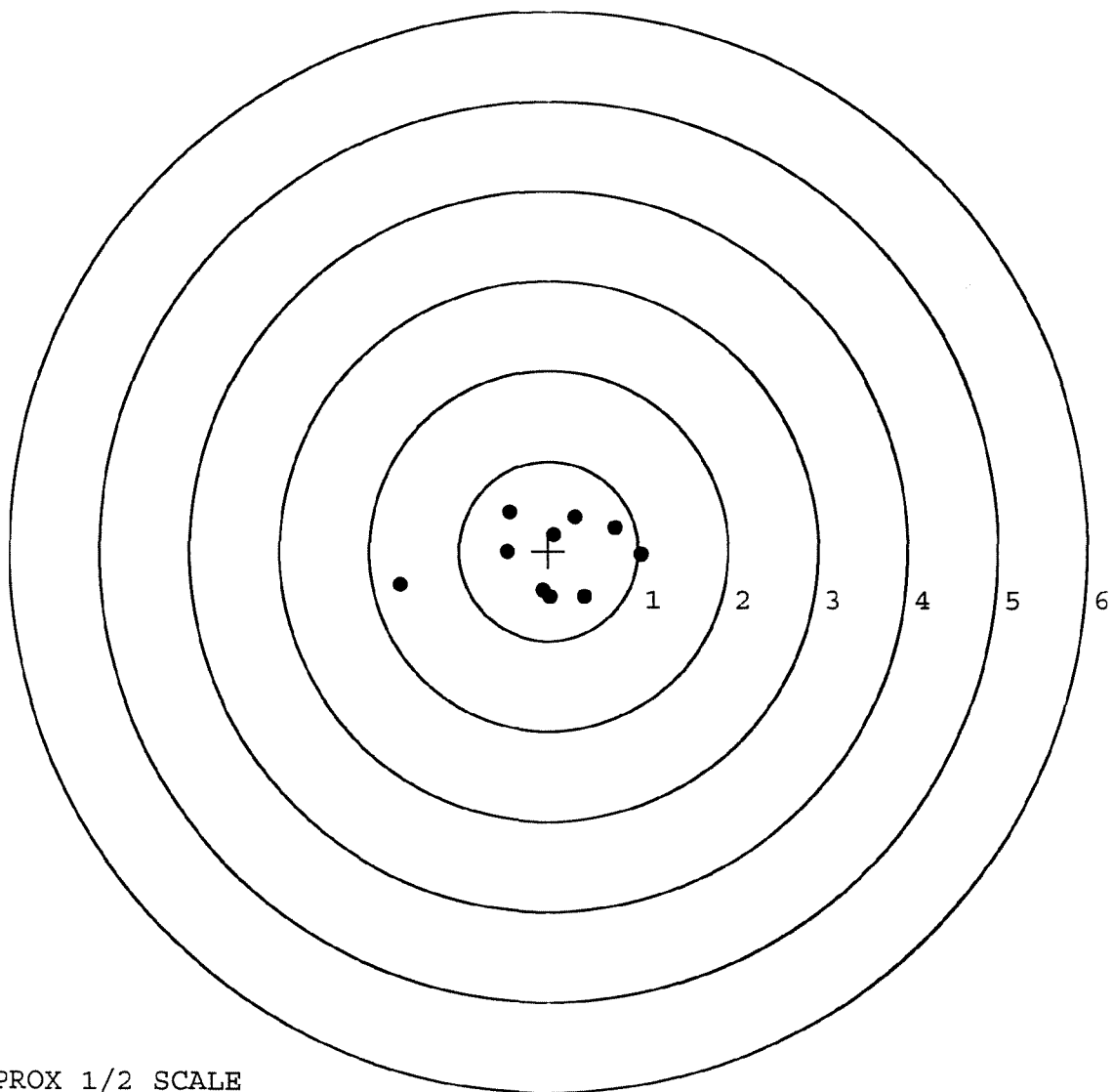


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349047. 0  
TARGET NUMBER: 5  
FILE DATE: 12/10/2007  
FILE TIME: 12:51

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -1.650 | -0.383 |
| 2:     | 0.026  | -0.518 |
| 3:     | 0.403  | -0.520 |
| 4:     | 1.040  | -0.044 |
| 5:     | 0.744  | 0.255  |
| 6:     | 0.294  | 0.377  |
| 7:     | 0.062  | 0.185  |
| 8:     | -0.458 | -0.017 |
| 9:     | -0.437 | 0.427  |
| 10:    | -0.066 | -0.443 |

X CENTROID: -0.004  
Y CENTROID: -0.068  
POA TO CENTROID: 0.068  
HORZ SPREAD: 2.690  
VERT SPREAD: 0.947  
GROUP SPREAD: 2.711  
MIN RADIUS: 0.262  
MAX RADIUS: 1.676  
MEAN RADIUS: 0.689  
# IN 1 IN DIAMETER: 4  
# IN 2 IN DIAMETER: 8  
# in 3 IN DIAMETER: 9



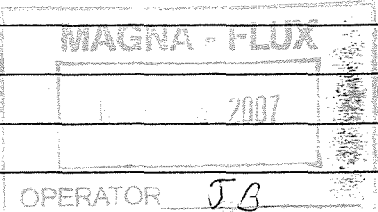
TARGET APPROX 1/2 SCALE

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

R & E NUMBER 135357

SERIAL NUMBER C 6349047

LOG-IN DATE 10-16-07

| OPERATION # | OPERATION NAME       |                                                                                    | DATE                              | INITIAL |
|-------------|----------------------|------------------------------------------------------------------------------------|-----------------------------------|---------|
| 500         | DIS-ASSEMBLE GUN     |                                                                                    | 11-06-07                          | RTZ     |
| 505         | RE-BARREL            |                                                                                    | 11-08-07                          | RTZ     |
| 560         | ASSEMBLE             |                                                                                    | 11-8-07                           | RTZ     |
| 600         | PROOF                |  | 11-12-07                          | TRW     |
| 605         | CHECK HEADSPACE      |                                                                                    | 11-12-07                          | TRW     |
| 610         | DIS-ASSEMBLE GUN     |                                                                                    | 11-08-07                          | RTZ     |
| 612         | MAGNAFLUX            |                                                                                    | 11-14-07                          | JB      |
| 510         | DRILL AND TAP        |                                                                                    | 11-13-07                          | TRW     |
| 615         | ROLLMARK CALIBER     |                                                                                    | 11-13-07                          | CW      |
| 618         | ROTO-BLAST           |                                                                                    | 11-14-07                          | JY      |
| 620         | APPLY COATINGS       |                                                                                    | 11/27/07                          | JB      |
| 625         | FINAL ASSEMBLY       |                                                                                    | 12-7-07                           | RTZ     |
| 640         | FUNCTION TEST AND    | PASS FAIL                                                                          | 12-10-07                          | TRW     |
| 650         | TARGET               | PASS FAIL                                                                          | 12-10-07                          | TRW     |
|             | MALFUNCTION          | CORRECTION                                                                         |                                   |         |
|             | MALFUNCTION          | CORRECTION                                                                         |                                   |         |
|             | MALFUNCTION          | CORRECTION                                                                         |                                   |         |
|             | MALFUNCTION          | CORRECTION                                                                         | 12-10-07                          | FM      |
| 670         | FINAL INSPECTION     |                                                                                    | 12-11-07                          | DA      |
|             | A) HEADSPACE         | PASS FAIL                                                                          | 12-11-07                          | DA      |
|             | B) TRIGGER PULL      | <div>+/- .5 LBS<br/>MIN 2.50 LBS<br/>MAX 4.0 LBS</div>                             | 2.55 2.57 2.75 2.83 2.77 12-11-07 | DA      |
| 680         | F) SAFETY ON FORCE   | <div>2 LBS MIN<br/>10 LBS MAX</div>                                                | 4.5 4.5 4.5 12-11-07              | DA      |
|             | G) SAFETY OFF FORCE  | <div>2 LBS<br/>MIN</div>                                                           | 3.5 3.5 3.5 12-11-07              | DA      |
|             | I) FIRING PIN INDENT | .020                                                                               | .021 .021 .021 12-11-07           | DA      |
| 690         | PACK                 |                                                                                    | 1-2-08                            | DA      |

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6349047

| OP. #        | OP. NAME                                                       | READINGS | DATE    | INIT |
|--------------|----------------------------------------------------------------|----------|---------|------|
| 575 &<br>580 | Assemble Action<br>and Stock                                   | 1 30     | 90      | RW   |
| 600          | Proof                                                          | 1 30     | 90      | A    |
| 607          | Check Headspace                                                | 1 30     | 90      | A    |
| 610          | Dis-assemble Gun                                               | 1 30     | 90      | RW   |
| 612          | Magnaflux Barrel<br>Action                                     | 2-5-90   |         | KCR  |
|              | Magnaflux Bolt                                                 | 2-5-90   |         |      |
| 615          | Rollmark Caliber                                               | 2-5-90   |         | ES   |
| 617          | Drill and Tap Sight Holes                                      | 2-5-90   |         | FB   |
| 618          | Polish Barrel RB                                               | 2-5-90   |         | WB   |
| 620          | Apply Coatings<br>(Barrel Action)                              |          | 2-17-90 | JA   |
|              | Apply Coating (Bolt)                                           |          |         |      |
| 625          | Final Assembly<br>A) Clean inside of<br>Bolt Assembly          |          | 2/19/90 | WB   |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |          | 2/19/90 | WB   |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |          | 4/18/90 | RW   |
|              | D) Oil Firing Pin Ass'y                                        |          | 4/18/90 | RW   |
|              | E) Adjust Trigger Pull to<br>Min Setting and Stake             |          | 4/18/90 | DM   |

| op. #        | OP. NAME                                                    | READINGS |       |       |      |      | DATE    | INIT |
|--------------|-------------------------------------------------------------|----------|-------|-------|------|------|---------|------|
| 625<br>cont. | F) Safety On Force                                          | 5        | 5     | 5     |      |      | 4/19/90 | gll  |
|              | G) Safety Off Force                                         | 3        | 3     | 3     |      |      | 4/19/90 | gll  |
|              | H) Trigger Pull Test & Retainability                        |          |       |       |      |      | 4/18/90 | gll  |
|              | I) Firing Pin Indent                                        | .0215    | .0215 | .0215 |      |      | 4/19/90 | gll  |
|              | J) Assemble Stock                                           |          |       |       |      |      | 4/19/90 | RW   |
|              | K) Assemble Swivel Studs                                    |          |       |       |      |      | 4/30/90 | WB   |
|              | L) Attach Front and Rear Sight Assemblies                   |          |       |       |      |      | 4/19/90 | RW   |
|              | M) Iron Sight Alignment                                     |          |       |       |      |      | 4/19/90 | RW   |
|              | N) Detach Front & Rear Sights & place in numbered container |          |       |       |      |      | 4/19/90 | RW   |
|              | O) Attach Scope to Rifle                                    |          |       |       |      |      | 4/20/90 | RW   |
|              | P) Detach & Attach Scope 20 Times                           |          |       |       |      |      | 4/20/90 | RW   |
| 640          | Gallery Target & Test                                       |          |       |       |      |      | 4-23-90 | AC   |
|              | A) Time                                                     |          |       |       |      |      | 4-23-90 | AC   |
|              | B) Malfunctions                                             |          |       |       |      |      | 4-23-90 | AC   |
|              | C) Pierced Primers                                          |          |       |       |      |      | 4-23-90 | AC   |
|              | D) Optical Clarity of Scope                                 |          |       |       |      |      | 4-23-90 | AC   |
| 645          | Inspect for Live Ammo                                       |          |       |       |      |      | 4-23-90 | AC   |
| 655          | Final Inspection                                            |          |       |       |      |      | 4/26/90 | WB   |
|              | A) Headspace                                                |          |       |       |      |      |         |      |
|              | B) Trigger Pull                                             | 2.67     | 2.65  | 2.56  | 2.69 | 2.69 | 4/26/90 | WB   |
|              | C) Function                                                 |          |       |       |      |      | 4/30/90 | WB   |
| 660          | Pack                                                        |          |       |       |      |      | 6-19-90 | D/H  |

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS

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

SERIAL NO 063 49047

DATE 4/18/90

TESTER JH

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |      | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|------|------------------------------------------------------------------------|
| PULL #1 | 2.44             | 2.31                     | 2.53                           | 2.67 | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.35             | 2.21                     | 2.55                           | 2.65 |                                                                        |
| PULL #3 | 2.12             | 2.26                     | 2.49                           | 2.56 |                                                                        |
| PULL #4 | 2.46             | 2.28                     | 2.45                           | 2.69 |                                                                        |
| PULL #5 | 2.49             | 2.30                     | 2.45                           | 2.69 |                                                                        |
| TOTAL   | 11.86            | 11.36                    | 12.47                          |      |                                                                        |
| AVG.    | 2.372            | 2.272                    | 2.494                          |      |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.25             | 3.34                     |  |          |
| PULL #2 | 3.27             | 3.38                     |  |          |
| PULL #3 | 3.30             | 3.46                     |  |          |
| PULL #4 | 3.32             | 3.46                     |  |          |
| PULL #5 | 3.31             | 3.41                     |  |          |
| TOTAL   | 16.45            | 17.05                    |  |          |
| AVG.    | 3.29             | 3.41                     |  |          |

|         | 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 | 4.41             | 4.35                     |                                | 4.79                                 |
| PULL #2 | 4.12             | 4.38                     |                                | 4.40                                 |
| PULL #3 | 4.40             | 4.32                     |                                | 4.50                                 |
| PULL #4 | 4.42             | 4.35                     |                                | 4.49                                 |
| PULL #5 | 4.33             | 4.31                     |                                | 4.45                                 |
| TOTAL   | 21.68            | 21.71                    |                                | 21.93                                |
| AVG.    | 4.336            | 4.342                    |                                | 4.386                                |

**Remington®**  REG. U.S. PAT. & TM. OFF.

**MODEL 700™ M24**

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

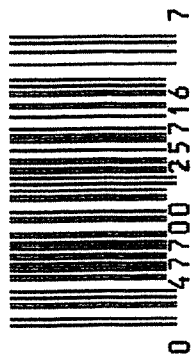
VERY IMPORTANT:  
Instruction Book  
enclosed to assure  
safe use of this  
firearm.

|                               |                          |
|-------------------------------|--------------------------|
| <b>SERIAL NO.</b><br>C6349047 | <b>ORDER NO.</b><br>5716 |
|-------------------------------|--------------------------|



5716 C6349047

UPC



0 47700 25716 7

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # C6349047  
23 Apr 1990

CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | .53668  |
| 1 TO | 2 | .593933 |
| 1 TO | 3 | .689073 |
| 1 TO | 4 | .780208 |
| 1 TO | 5 | .588738 |

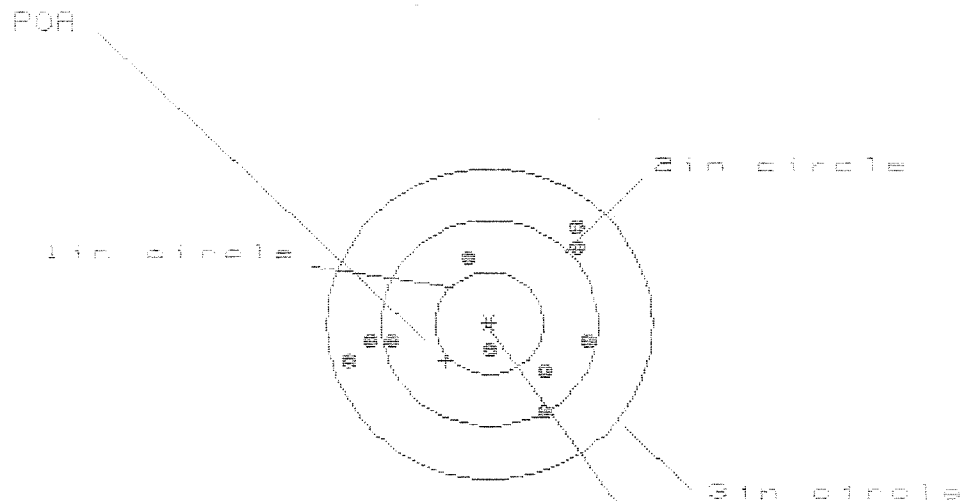
$\bar{x}_{avg}$   $\bar{y}_{avg}$  <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0064  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1712  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .175027  
THE AMR FOR THIS RIFLE IS: .8396

23 Apr 1998

FILE:/PATTERNING/CENTERFIRE\_PATT/C8349047

# CENTERFIRE PATTERNS # 1



\* OF SHOTS= 10

# IN CIR

1 in = 1

2 in = 6

3 in = 10

HS= 2.259

VS= 1.772

CS= 2.429

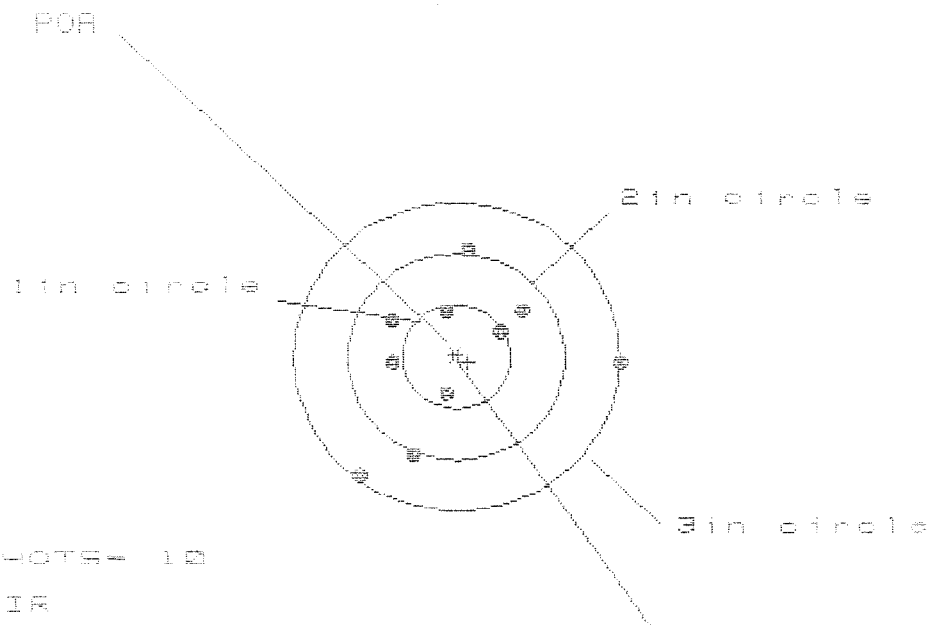
CENTROID \*

| PATTERN #                     | 1      | 2      | 3      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | .947   | .801   | .878   |
| MINIMUM X                     | -1.312 | -1.223 | -1.147 |
| MAXIMUM Y                     | .953   | .918   | .775   |
| MINIMUM Y                     | -.819  | -.854  | -.740  |
| CENTROID X                    | .398   | .544   | .467   |
| CENTROID Y                    | .360   | .395   | .281   |
| POA TO CENTROID in.           | .537   | .672   | .545   |
| MIN RADIUS                    | .245   | .291   | .162   |
| MEAN RADIUS                   | .920   | .859   | .810   |
| MAX RADIUS                    | 1.350  | 1.245  | 1.152  |
| HORIZONTAL SPREAD             | 2.259  | 2.024  | 2.024  |
| VERTICAL SPREAD               | 1.772  | 1.772  | 1.515  |
| EXTREME SPREAD                | 2.429  | 2.164  | 2.084  |
| NUMBER IN ONE INCH CIRCLE =   | 1      |        |        |
| NUMBER IN TWO INCH CIRCLE =   | 6      |        |        |
| NUMBER IN THREE INCH CIRCLE = | 10     |        |        |

23 Apr 1990

FILE:/PATTERNING/CENTERFIRE\_PATT/C0349047

# CENTERFIRE PATTERNS # 2



# OF SHOTS- 10

# IN CIR

1in = 2

2in = 5

3in = 3

SD= 2.434

VE= 2.124

GE= 2.661

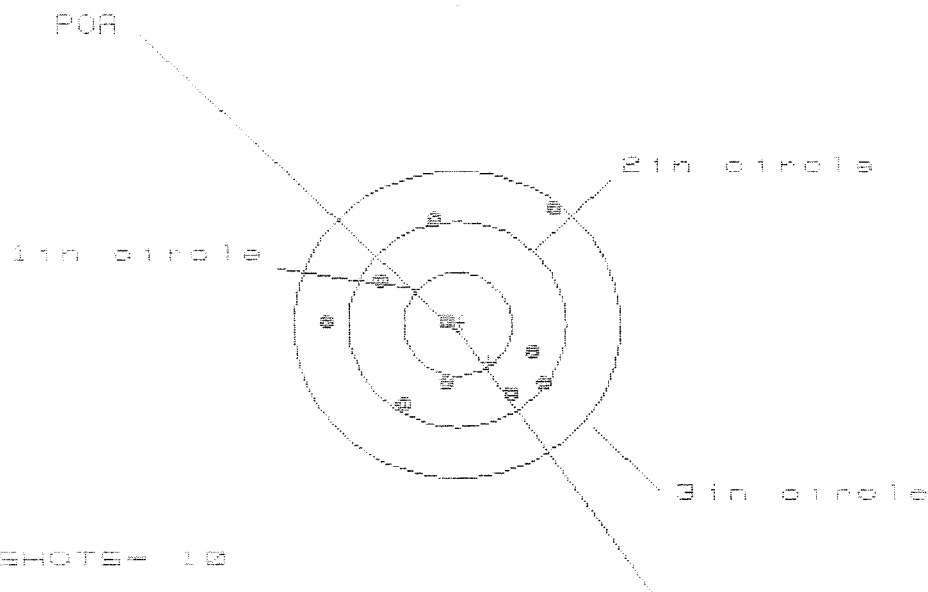
CENTROID \*

| PATTERN #                   | : | 22     |        |        |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.527  | .738   | .646   |
| MINIMUM X                   | : | -.986  | -.737  | -.484  |
| MAXIMUM Y                   | : | 1.013  | 1.009  | .870   |
| MINIMUM Y                   | : | -1.111 | -1.115 | -1.090 |
| CENTROID X                  | : | -.108  | -.277  | -.185  |
| CENTROID Y                  | : | .049   | .053   | .192   |
| POR TO CENTROID in.         | : | .118   | .282   | .267   |
| MIN RADIUS                  | : | .382   | .364   | .275   |
| MEAN RADIUS                 | : | .826   | .733   | .637   |
| MAX RADIUS                  | : | 1.528  | 1.336  | 1.149  |
| HORIZONTAL SPREAD           | : | 2.434  | 1.475  | 1.130  |
| VERTICAL SPREAD             | : | 2.124  | 2.124  | 1.960  |
| EXTREME SPREAD              | : | 2.661  | 2.357  | 2.038  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 2      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 5      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 9      |        |

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# CENTERFIRE PATTERNS # 3



# OF SHOTS = 10  
 # IN CIR  
 1in = 1  
 2in = 7  
 3in = 10  
 HSE = 2.055  
 VSE = 1.888  
 GSE = 2.352

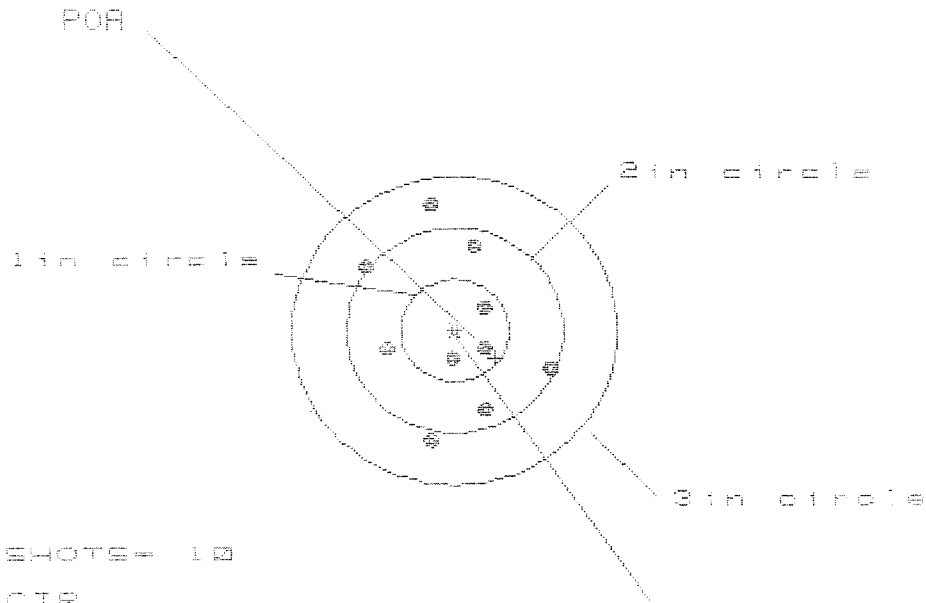
CENTROID \*

|                             |   |        |        |       |
|-----------------------------|---|--------|--------|-------|
| PATTERN #                   | : | 3      |        |       |
| SHOTS (BEST OF)             | : | 10     | 9      | 8     |
| MAXIMUM X                   | : | .894   | .855   | .723  |
| MINIMUM X                   | : | -1.161 | -1.062 | -.750 |
| MAXIMUM Y                   | : | 1.165  | 1.194  | 1.217 |
| MINIMUM Y                   | : | -.723  | -.594  | -.571 |
| CENTROID X                  | : | -.291  | -.390  | -.258 |
| CENTROID Y                  | : | .370   | .241   | .218  |
| POA TO CENTROID in.         | : | .471   | .459   | .337  |
| MIN RADIUS                  | : | .147   | .170   | .257  |
| MEAN RADIUS                 | : | .873   | .784   | .740  |
| MAX RADIUS                  | : | 1.468  | 1.204  | 1.250 |
| HORIZONTAL SPREAD           | : | 2.055  | 1.917  | 1.473 |
| VERTICAL SPREAD             | : | 1.888  | 1.788  | 1.788 |
| EXTREME SPREAD              | : | 2.352  | 2.023  | 1.937 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 1      |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 7      |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 10     |       |

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# CENTERFIRE PATTERNS # 4



# OF SHOTS = 10

# IN CIR

1in = 3

2in = 7

3in = 10

MEAN = 1.274

YSD = 2.311

GS = 2.311

CENTROID #

|                             |   |        |       |       |
|-----------------------------|---|--------|-------|-------|
| PATTERN #                   | : | 4      |       |       |
| SHOTS (BEST OF)             | : | 10     | 9     | 8     |
| MAXIMUM X                   | : | .907   | .881  | .850  |
| MINIMUM X                   | : | -.851  | -.877 | -.968 |
| MAXIMUM Y                   | : | 1.254  | .933  | .818  |
| MINIMUM Y                   | : | -1.057 | -.918 | -.756 |
| CENTROID X                  | : | -.377  | -.351 | -.320 |
| CENTROID Y                  | : | .270   | .131  | .246  |
| POA TO CENTROID in.         | : | .464   | .375  | .404  |
| MIN RADIUS                  | : | .278   | .138  | .256  |
| MEAN RADIUS                 | : | .765   | .681  | .651  |
| MAX RADIUS                  | : | 1.274  | 1.184 | 1.135 |
| HORIZONTAL SPREAD           | : | 1.758  | 1.758 | 1.758 |
| VERTICAL SPREAD             | : | 2.311  | 1.851 | 1.574 |
| EXTREME SPREAD              | : | 2.311  | 2.051 | 2.051 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 3     |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 7     |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 10    |       |

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# CENTERFIRE PATTERNS

# 5

POA

1 in circle

2 in circle

3 in circle

CENTROID #

# OF SHOTS- 10

# IN CIR

1 in = 2

2 in = 6

3 in = 10

HS= 1.711

VS= 2.354

GS= 2.562

PATTERN #

5

SHOTS (BEST OF)

10

9

8

MAXIMUM X

.684

.570

.598

MINIMUM X

-1.027

-.771

-.743

MAXIMUM Y

1.133

1.235

1.096

MINIMUM Y

-1.221

-1.119

-1.017

CENTROID X

.196

.310

.282

CENTROID Y

-.193

-.295

-.156

POA TO CENTROID in.

.274

.428

.322

MIN RADIUS

.315

.282

.295

MEAN RADIUS

.812

.735

.679

MAX RADIUS

1.383

1.235

1.180

HORIZONTAL SPREAD

1.711

1.341

1.341

VERTICAL SPREAD

2.354

2.354

2.113

EXTREME SPREAD

2.562

2.363

2.186

NUMBER IN ONE INCH CIRCLE =

3

NUMBER IN TWO INCH CIRCLE =

6

NUMBER IN THREE INCH CIRCLE =

10