

C6348833

MODEL 700™ M24

Model **SWS**

TM

Action

Barrel Length

Capacity

Order No. **5716**

\*Includes 1 in chamber.

**Remington**

**Smead®**

No. 2-152-5L

BBL- 96003

**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: **RE00009409** Serial: **C6348833** Model **700** Center Fire Caliber: **7.62 NATO M-24 (SWS)** Repairman: Status: **New 5/18/00 8:51:09 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: **362014199** Country: **US** State: **AL** Zip Code: **362014199** Country: **US**

FFL:

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

Contact Information

Phone: Fax: Email: Comments:

Received Condition

Pool Condition Notes: CSR Notes:

Accessories Received

| Code | Desc        | Qty |
|------|-------------|-----|
| A007 | With Stud   | 2   |
| A008 | With Swivel | 2   |
| A010 | Hard Case   | 1   |
| A017 | Scope Base  | 1   |

**Repair Search** **Refresh** **Close**

nagletj 5/18/00 12:15 PM CAPS NUM INS SCRL

Start Inb... Micr... SA... Nag... Audit R&... Ar... Prin... Re... 12:15 PM

Serial Number: **C6348833**

Model: **700**



**RE00009409**

M-24 INSPECTION CHECKLIST  
CONTRACT #: DAAE-20-97-C-242

|                     |                          |           |         |
|---------------------|--------------------------|-----------|---------|
| R & E NUMBER        |                          |           |         |
| SERIAL NUMBER       |                          | C6348833  |         |
| LOG-IN DATE         |                          | 5-11-00   |         |
| INSPECT AND VERIFY: |                          |           |         |
| OPERATION #         | OPERATION NAME           | DATE      | INITIAL |
| 550                 | DIS-ASSEMBLE GUN         | 5-15-00   | RW      |
| 560 A               | RE-BARREL AT CUSTOM SHOP |           |         |
| B                   | DRILL AND TAP            |           |         |
| C                   | POLISH                   |           |         |
| 575                 | ASSEMBLE                 |           |         |
| 600                 | PROOF                    | 5-22-00   | RW      |
| 605                 | CHECK HEADSPACE          | 5-22-00   | RW      |
| 610                 | DIS-ASSEMBLE GUN         |           |         |
| 612                 | MAGNAFLUX                |           |         |
| 615                 | ROLLMARK CALIBER         |           |         |
| 618                 | ROTO-BLAST               |           |         |
| 620                 | APPLY COATINGS           |           |         |
| 625 A               | FINAL ASSEMBLY           |           |         |
| B                   | TRIGGER PULL TEST        |           |         |
| C                   | SAFETY "ON" FORCE        |           |         |
| D                   | SAFETY "OFF" FORCE       |           |         |
| E                   | FIRING PIN INDENT        |           |         |
| 640                 | TARGET                   | 7-18-00   | RW      |
| 655                 | FINAL INSPECT            | 7-25-00   | RW      |
| 660                 | PACK                     |           |         |
|                     |                          | SHIP DATE |         |
| QAR INSPECTION DATE |                          |           |         |

# Final Inspection

S.N.:

DATE REC'D:

DATE RET'D:

AUDITOR: RW

Item:

BARREL ASSY.

☒ BARREL

☒ RECEIVER

☒ FRONT SIGHT BLOCK

☒ REAR SIGHT BLOCK

☒ SCREWS

☒ FINISH

SCOPE ASSY.

☐ SCOPE

☐ SCOPE RINGS

☐ MOUNTING SCREWS

☒ MOUNTING BASE

☒ SCREWS

☒ FINISH

☐ LOOSENESS

☐ CLARITY

MISC.

☐ DD-250

☐ BAR CODE

☐ PACKAGING

Item:

STOCK ASSY.

☒ STOCK

☒ SLING SWIVEL STUDS

☒ ADJUSTABLE BUTT PLATE

☒ LOCK NUTS

☒ BARREL CLEARANCE

☒ COLOR/FINISH

SYSTEMS CASE

☐ SCOPE CASE

☐ IRON SIGHTS

☐ DEPLOYMENT KIT

TRIGGER

☒ SAFETY OPERATION

☒ SET

Comments:

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6348833  
21 Jul 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0142  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1382  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .138928

THE AMR FOR THIS RIFLE IS: 1.114

# CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| Ø TO | 1 | .562029 |
| 1 TO | 2 | .543232 |
| 1 TO | 3 | .613209 |
| 1 TO | 4 | .451976 |
| 1 TO | 5 | .657137 |

1

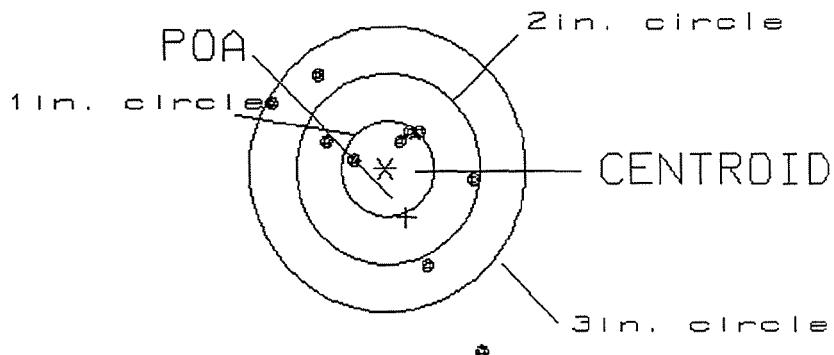
<sup>4</sup>/<sub>25</sub> <sup>3</sup> <----POA

PATTERN #: ☐ 1 ☐  
 POA TO CENTROID: .562  
 MIN RADIUS : .279  
 MEAN RADIUS : .921  
 MAX RADIUS : 2.179  
 CENTROID X : -.234  
 CENTROID Y : .511

20 Jul 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6348833.1

# CENTERFIRE PATTERN # 1



# OF SHOTS= 10

# IN CIRCLE

HS= 2.36

3

VS= 2.86

6

GS= 3.48

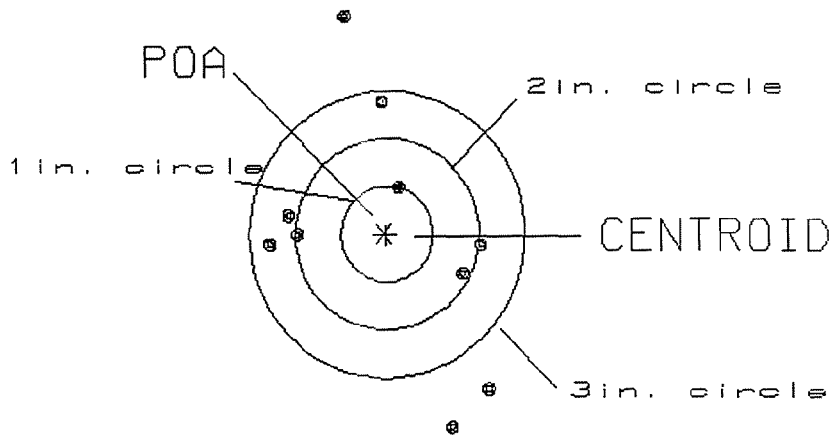
9

PATTERN #: ☐ 2 ☐  
 POA TO CENTROID: .026  
 MIN RADIUS : .521  
 MEAN RADIUS : 1.350  
 MAX RADIUS : 2.288  
 CENTROID X : -.024  
 CENTROID Y : .010

20 Jul 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6348833.1

# CENTERFIRE PATTERN # 2



# OF SHOTS= 10

# IN CIRCLE

HS= 2.38  
 VS= 4.23  
 GS= 4.40

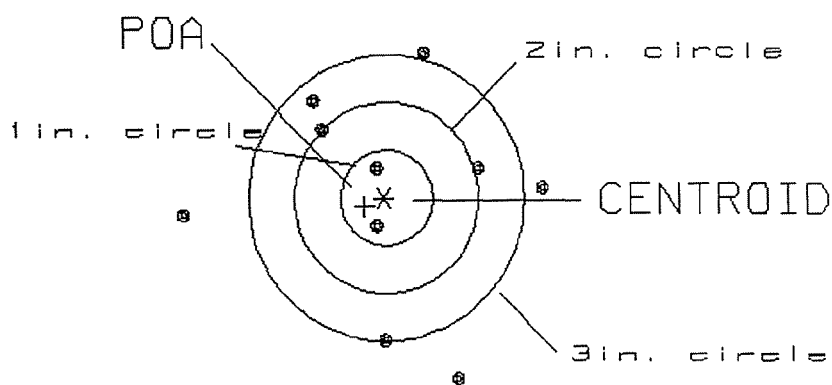
0  
 3  
 7

PATTERN #: ☐ 3 ☐  
 POA TO CENTROID: .226  
 MIN RADIUS : .260  
 MEAN RADIUS : 1.283  
 MAX RADIUS : 2.180  
 CENTROID X : .209  
 CENTROID Y : .087

20 Jul 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6348833.1

# CENTERFIRE PATTERN # 3



# OF SHOTS= 10

# IN CIRCLE

HS= 3.81

2

VS= 3.36

3

GS= 3.83

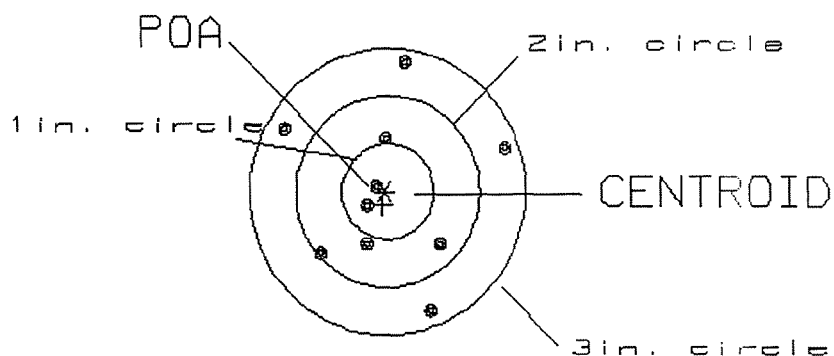
5

PATTERN #: ☐ 4 ☐  
 POA TO CENTROID: .145  
 MIN RADIUS : .186  
 MEAN RADIUS : .867  
 MAX RADIUS : 1.352  
 CENTROID X : .027  
 CENTROID Y : .142

20 Jul 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/c6348833.1

# CENTERFIRE PATTERN # 4



# OF SHOTS= 10

# IN CIRCLE

HS= 2.41

2

VS= 2.57

6

GS= 2.58

10

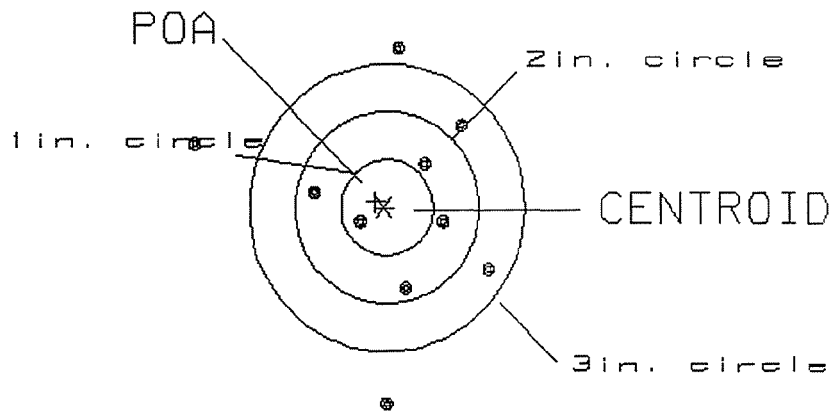
PATTERN #: ☐ 5 ☐

POA TO CENTROID: .111  
 MIN RADIUS : .357  
 MEAN RADIUS : 1.149  
 MAX RADIUS : 2.188  
 CENTROID X : .093  
 CENTROID Y : -.059

20 Jul 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/cb348833.1

## CENTERFIRE PATTERN # 5



# OF SHOTS= 10

# IN CIRCLE

HS= 3.15  
 VS= 3.72  
 GS= 3.72

1  
 5  
 7



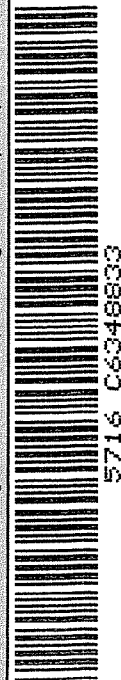

VERY IMPORTANT:  
Instruction Book  
enclosed to assure  
safe use of this  
firearm.

MODEL 700™ H24

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

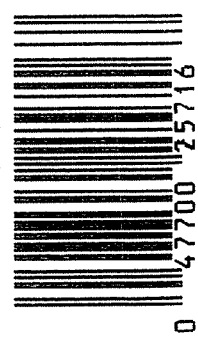
SERIAL NO.  
C6348833

ORDER NO.  
5716



5716 C6348833

UPC



0 47700 25716 7

INTERCHANGEABILITY

M-24

Score 0244

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348833

| OP. #     | OP. NAME                                                 | READINGS                                                                                                 | DATE    | INIT |
|-----------|----------------------------------------------------------|----------------------------------------------------------------------------------------------------------|---------|------|
| 575 & 580 | Assemble Action and Stock                                | <div style="border: 1px solid black; padding: 5px; text-align: center;"> <b>QUALITY<br/>AUDIT</b> </div> | 7 11 89 | RW   |
| 600       | Proof                                                    |                                                                                                          | 7 11 89 | RW   |
| 607       | Check Headspace                                          |                                                                                                          | 7 11 89 | RW   |
| 610       | Dis-assemble Gun                                         |                                                                                                          | 7 11 89 | RW   |
| 612       | Magnaflux Barrel Action                                  |                                                                                                          | 7/13    | KCR  |
|           | Magnaflux Bolt                                           |                                                                                                          | 7/13    | KCR  |
| 615       | Rollmark Caliber                                         |                                                                                                          | 7/13    | MS.  |
| 617       | Drill and Tap Sight Holes                                | 7 13                                                                                                     | 89      | YB   |
| 618       | Polish Barrel <i>REB</i>                                 | 7 13                                                                                                     | 89      | BT   |
| 620       | Apply Coatings (Barrel Action)                           |                                                                                                          | 7/21/89 | TJA  |
|           | Apply Coating (Bolt)                                     |                                                                                                          |         |      |
| 625       | Final Assembly                                           |                                                                                                          |         |      |
|           | A) Clean inside of Bolt Assembly                         |                                                                                                          | 7/25/89 | RW   |
|           | B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head |                                                                                                          | 7/25/89 | RW   |
|           | C) Inspect Ejector Hole for Chamfer                      |                                                                                                          | 7/25/89 | RW   |
|           | D) Oil Firing Pin Ass'y                                  |                                                                                                          | 7/25/89 | RW   |
|           | E) Adjust Trigger Pull to Min Setting and Stake          |                                                                                                          | 7/25/89 | JS   |

| op. #        | OP. NAME                                                    | READINGS |      |         | DATE     | INIT |         |    |
|--------------|-------------------------------------------------------------|----------|------|---------|----------|------|---------|----|
| 625<br>cont. | F) Safety On Force                                          | 6        | 5    | 5       | 27/9/89  | JS   |         |    |
|              | G) Safety Off Force                                         | 4        | 7    | 7       | 28/9/89  | JS   |         |    |
|              | H) Trigger Pull Test & Retainability                        |          |      |         | 27/9/89  | JS   |         |    |
|              | I) Firing Pin Indent                                        | .021     | .021 | .021    | 28/9/89  | JS   |         |    |
|              | J) Assemble Stock                                           |          |      |         | 7/28/89  | RW   |         |    |
|              | K) Assemble Swivel Studs                                    |          |      |         | 3/10/89  | JS   |         |    |
|              | L) Attach Front and Rear Sight Assemblies                   |          |      |         | 7/28/89  | RW   |         |    |
|              | M) Iron Sight Alignment                                     |          |      |         | 7/28/89  | RW   |         |    |
|              | N) Detach Front & Rear Sights & place in numbered container |          |      |         | 7/28/89  | RW   |         |    |
|              | O) Attach Scope to Rifle                                    |          |      |         | 7/28/89  | WB   |         |    |
|              | P) Detach & Attach Scope 20 Times                           |          |      |         | 7/28/89  | WB   |         |    |
| 640          | Gallery Target & Test                                       | 67 R     | 90 L | 7/28/89 | DA       |      |         |    |
|              | A) Time                                                     |          |      | 7/28/89 | AC       |      |         |    |
|              | B) Malfunctions                                             |          |      | 7/28/89 | AC       |      |         |    |
|              | C) Pierced Primers                                          |          |      | 7/28/89 | AC       |      |         |    |
|              | D) Optical Clarity of Scope                                 |          |      | 7/28/89 | AC       |      |         |    |
| 645          | Inspect for Live Ammo                                       |          |      | 7/28/89 | AC       |      |         |    |
| 655          | Final Inspection                                            |          |      |         |          |      |         |    |
|              | A) Headspace                                                |          |      |         | 30/9/89  | JS   |         |    |
|              | B) Trigger Pull                                             | 233      | 267  | 261     | 273      | 284  | 30/9/89 | JS |
|              | C) Function                                                 |          |      |         |          |      | 30/9/89 | JS |
| 660          | Pack                                                        |          |      |         | 19/28/89 | JS   |         |    |

SWS TRIGGER PULL TEST

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

SERIAL NO. C6348833  
DATE 11/6/90  
TESTER WB

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|------------------------------------------------------------------------|
| PULL #1 | 2.34             | 2.43                     | 2.29                           | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.40             | 2.45                     | 2.30                           |                                                                        |
| PULL #3 | 2.30             | 2.31                     | 2.32                           |                                                                        |
| PULL #4 | 2.26             | 2.25                     | 2.31                           |                                                                        |
| PULL #5 | 2.28             | 2.29                     | 2.34                           |                                                                        |
| TOTAL   | 11.58            | 11.73                    | 11.56                          |                                                                        |
| AVG.    | 2.31             | 2.34                     | 2.31                           |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES | COMMENTS |
|---------|------------------|--------------------------|----------|
| PULL #1 | 3.18             | 3.06                     |          |
| PULL #2 | 3.13             | 3.05                     |          |
| PULL #3 | 3.10             | 3.11                     |          |
| PULL #4 | 3.10             | 3.07                     |          |
| PULL #5 | 3.15             | 3.09                     |          |
| TOTAL   | 15.66            | 15.38                    |          |
| AVG.    | 3.13             | 3.07                     |          |

|         | 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 | 4.04             | 3.92                     |                                |                                      |
| PULL #2 | 4.07             | 3.95                     |                                |                                      |
| PULL #3 | 3.98             | 3.96                     |                                |                                      |
| PULL #4 | 4.01             | 3.93                     |                                |                                      |
| PULL #5 | 3.95             | 3.93                     |                                |                                      |
| TOTAL   | 20.05            | 19.69                    |                                |                                      |
| AVG.    | 4.01             | 3.94                     |                                |                                      |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # C6348833  
28 Jul 1989

CENTROIDAL DISTANCES

|        |         |
|--------|---------|
| 0 TO 1 | .422849 |
| 1 TO 2 | .461088 |
| 1 TO 3 | .365742 |
| 1 TO 4 | .382692 |
| 1 TO 5 | .889877 |

1  
42  
5  
-----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.4134  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2132  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .465138  
THE AMP FOR THIS RIFLE IS: 1.01

28 Jul 1988

FILE: \PATTERNING\CENTERFIRE PATT\0834B883

# CENTERFIRE PATTERNS

# 1

FOR

1 in circle

2 in circle

3 in circle

# OF SHOTS= 10

# IN CIR

1 in = 1

2 in = 6

3 in = 9

HS= 2.572

VS= 2.034

ES= 2.651

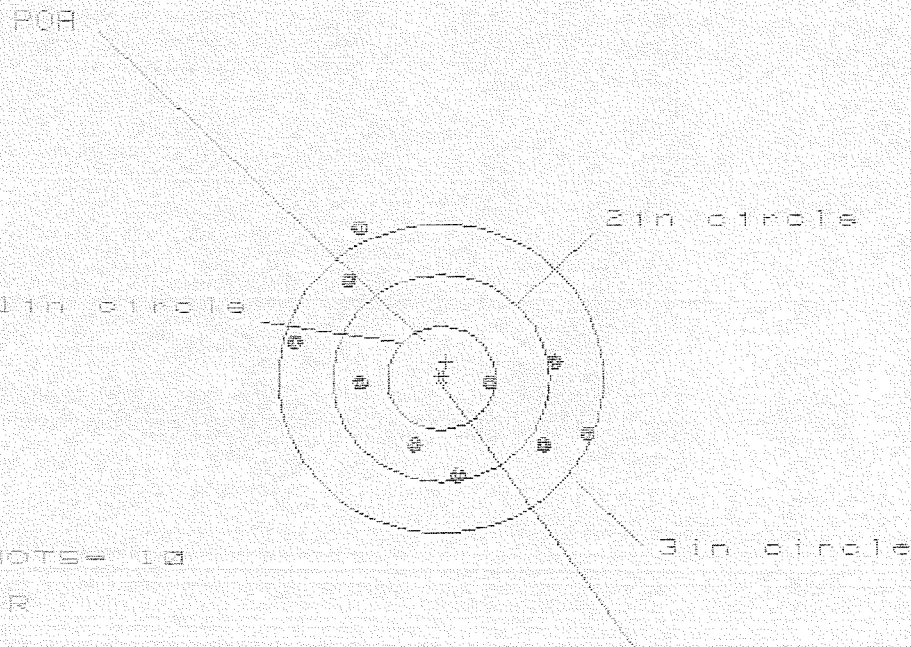
CENTROID #

| PATTERN #                   | 1      | 2     | 3     |
|-----------------------------|--------|-------|-------|
| SHOTS (BEST OF)             | 10     | 9     | 8     |
| MAXIMUM X                   | 1.552  | 1.157 | 1.051 |
| MINIMUM X                   | -1.020 | -.847 | -.669 |
| MAXIMUM Y                   | 1.140  | 1.099 | .982  |
| MINIMUM Y                   | -.894  | -.935 | -.948 |
| CENTROID X                  | -.399  | -.572 | -.466 |
| CENTROID Y                  | .140   | .181  | .298  |
| FOR TO CENTROID IN.         | .423   | .600  | .553  |
| MIN RADIUS                  | .338   | .426  | .273  |
| MEAN RADIUS                 | .934   | .843  | .771  |
| MAX RADIUS                  | 1.596  | 1.262 | 1.130 |
| HORIZONTAL SPREAD           | 2.572  | 2.004 | 1.720 |
| VERTICAL SPREAD             | 2.034  | 2.034 | 1.930 |
| EXTREME SPREAD              | 2.651  | 2.210 | 2.210 |
| NUMBER IN ONE INCH CIRCLE   | = 1    |       |       |
| NUMBER IN TWO INCH CIRCLE   | = 6    |       |       |
| NUMBER IN THREE INCH CIRCLE | = 9    |       |       |

28 JUL 1989

FILE/PATTERNING/CENTERFIRE\_PATT/C634B833

# CENTERFIRE PATTERNS # 2



# OF SHOTS= 10

# IN CIR

1in = 1

2in = 4

3in = 9

HS= 2.720

VS= 2.316

GS= 2.882

CENTROID #

| PATTERN #                     | 1      | 2      | 3      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | 1.367  | 1.287  | 1.142  |
| MINIMUM X                     | -1.353 | -1.433 | -1.273 |
| MAXIMUM Y                     | 1.415  | 1.118  | 1.068  |
| MINIMUM Y                     | -0.901 | -0.744 | -0.795 |
| CENTROID X                    | -0.048 | .032   | -.128  |
| CENTROID Y                    | -.159  | -.316  | -.264  |
| POA TO CENTROID IN.           | .165   | .317   | .294   |
| MIN RADIUS                    | .452   | .406   | .544   |
| MEAN RADIUS                   | 1.075  | .989   | .948   |
| MAX RADIUS                    | 1.589  | 1.513  | 1.344  |
| HORIZONTAL SPREAD             | 2.720  | 2.720  | 2.415  |
| VERTICAL SPREAD               | 2.316  | 1.862  | 1.862  |
| EXTREME SPREAD                | 2.882  | 2.864  | 2.463  |
| NUMBER IN ONE INCH CIRCLE =   |        | 1      |        |
| NUMBER IN TWO INCH CIRCLE =   |        | 4      |        |
| NUMBER IN THREE INCH CIRCLE = |        | 9      |        |

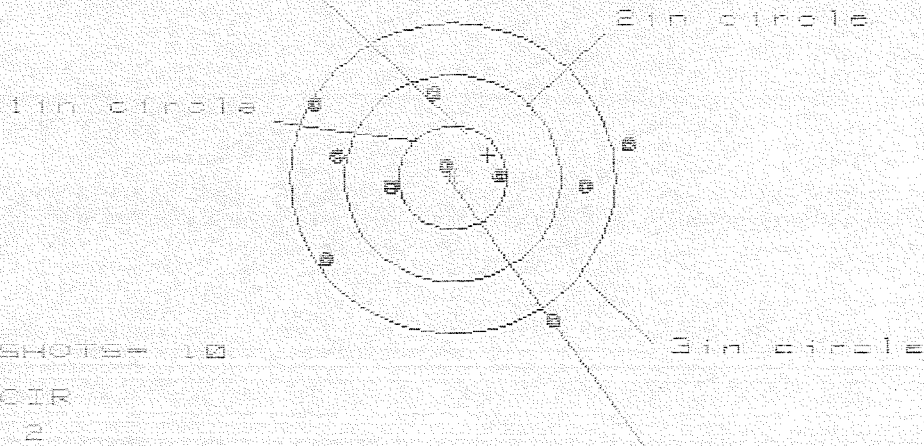
28 Jul 1989

FILE: PATTERNING/CENTERFIRE\_PATT/C0348030

# CENTERFIRE PATTERNS

# 3

POB



# OF SHOTS= 10

# IN CIR

1 in = 2

2 in = 4

3 in = 8

HS= 2.858

VS= 2.222

GS= 3.057

CENTROID #

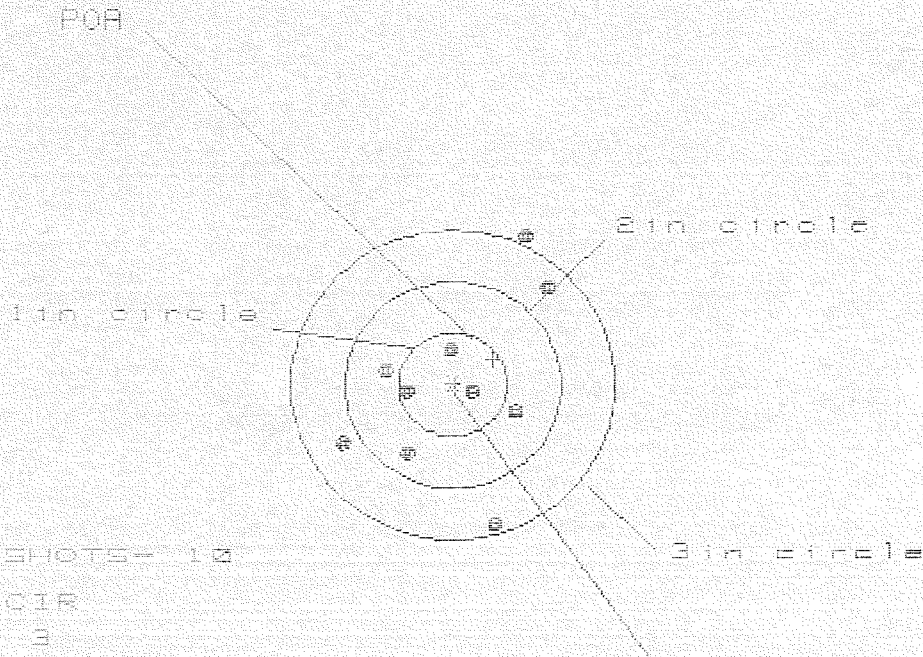
| PATTERN #                     | 3      | 9      | 8      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | 1.600  | 1.705  | 1.538  |
| MINIMUM X                     | -1.258 | -1.153 | -0.940 |
| MAXIMUM Y                     | .865   | .714   | .732   |
| MINIMUM Y                     | -1.357 | -.941  | -.923  |
| CENTROID X                    | -.329  | -.434  | -.647  |
| CENTROID Y                    | -.220  | -.069  | -.087  |
| POB TO CENTROID in.           | .396   | .439   | .653   |
| MIN RADIUS                    | .106   | .094   | .296   |
| MEAN RADIUS                   | 1.042  | .954   | .848   |
| MAX RADIUS                    | 1.654  | 1.711  | 1.547  |
| HORIZONTAL SPREAD             | 2.858  | 2.858  | 2.478  |
| VERTICAL SPREAD               | 2.222  | 1.655  | 1.655  |
| EXTREME SPREAD                | 3.057  | 2.982  | 2.603  |
| NUMBER IN ONE INCH CIRCLE =   |        | 2      |        |
| NUMBER IN TWO INCH CIRCLE =   |        | 4      |        |
| NUMBER IN THREE INCH CIRCLE = |        | 8      |        |

28 JUL 1989

FILE: \PATTERNING\CENTERFIRE\_PATT\08346833

# CENTERFIRE PATTERNS

# 4



# OF SHOTS= 10

# IN CIR

1 in = 3

2 in = 6

3 in = 9

HS= 1.927

VS= 2.799

CS= 2.819

CENTROID \*

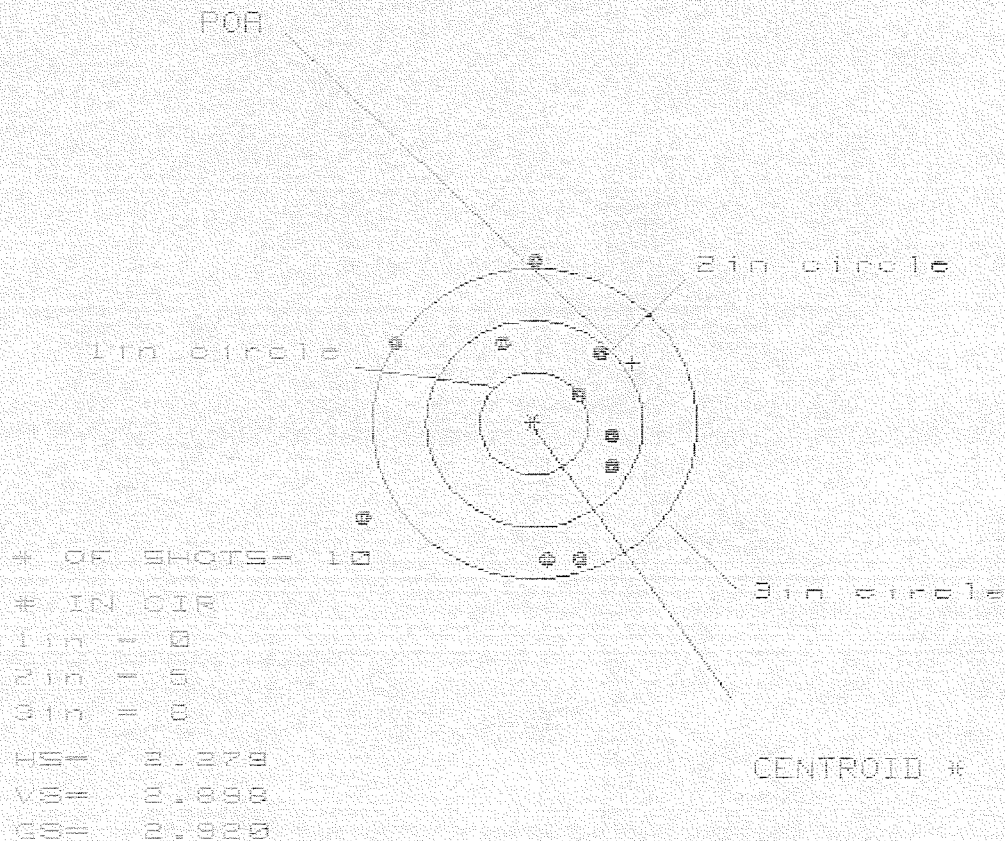
| PATTERN #                     | 1      | 2      | 3     |
|-------------------------------|--------|--------|-------|
| SHOTS (BEST OF)               | 10     | 9      | 8     |
| MAXIMUM X                     | .857   | .931   | .982  |
| MINIMUM X                     | -1.070 | -.996  | -.945 |
| MAXIMUM Y                     | 1.457  | 1.064  | .917  |
| MINIMUM Y                     | -1.342 | -1.180 | -.622 |
| CENTROID X                    | -.376  | -.450  | -.501 |
| CENTROID Y                    | -.242  | -.404  | -.257 |
| POA TO CENTROID in.           | .448   | .605   | .553  |
| MIN RADIUS                    | .194   | .293   | .262  |
| MEAN RADIUS                   | .851   | .759   | .679  |
| MAX RADIUS                    | 1.603  | 1.414  | 1.344 |
| HORIZONTAL SPREAD             | 1.927  | 1.927  | 1.927 |
| VERTICAL SPREAD               | 2.799  | 2.244  | 1.539 |
| EXTREME SPREAD                | 2.819  | 2.407  | 2.407 |
| NUMBER IN ONE INCH CIRCLE =   | 3      |        |       |
| NUMBER IN TWO INCH CIRCLE =   | 6      |        |       |
| NUMBER IN THREE INCH CIRCLE = | 9      |        |       |

26 Jul 1999

FILE:/PATTERNING/CENTERFIRE\_PATT/06346833

# CENTERFIRE PATTERNS

# 5



| PATTERN #                   | 5      |        |        |
|-----------------------------|--------|--------|--------|
| SHOTS (BEST OF)             | 10     | 9      | 8      |
| MAXIMUM X                   | .740   | .569   | .546   |
| MINIMUM X                   | -1.539 | -1.432 | -1.455 |
| MAXIMUM Y                   | 1.542  | 1.437  | .879   |
| MINIMUM Y                   | -1.356 | -1.461 | 1.201  |
| CENTROID X                  | -.915  | -.744  | -.721  |
| CENTROID Y                  | -.585  | -.480  | -.660  |
| POB TO CENTROID in.         | 1.086  | .886   | .978   |
| MIN RADIUS                  | .512   | .312   | .406   |
| MEAN RADIUS                 | 1.146  | 1.020  | .963   |
| MAX RADIUS                  | 1.807  | 1.593  | 1.638  |
| HORIZONTAL SPREAD           | 2.279  | 2.001  | 2.001  |
| VERTICAL SPREAD             | 2.898  | 2.898  | 2.160  |
| EXTREME SPREAD              | 2.920  | 2.900  | 2.696  |
| NUMBER IN ONE INCH CIRCLE   | =      | 0      |        |
| NUMBER IN TWO INCH CIRCLE   | =      | 5      |        |
| NUMBER IN THREE INCH CIRCLE | =      | 8      |        |

# INTERCHANGEABILITY

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # C6248833  
15 Sep 1989

## CENTROIDAL DISTANCES

|        |          |
|--------|----------|
| 0 TO 1 | .147733  |
| 1 TO 2 | .188298  |
| 1 TO 3 | .187385  |
| 1 TO 4 | .0526308 |
| 1 TO 5 | .481877  |

#<sup>5</sup> <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1906  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .048  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .196551  
THE ANR FOR THIS RIFLE IS: .9944

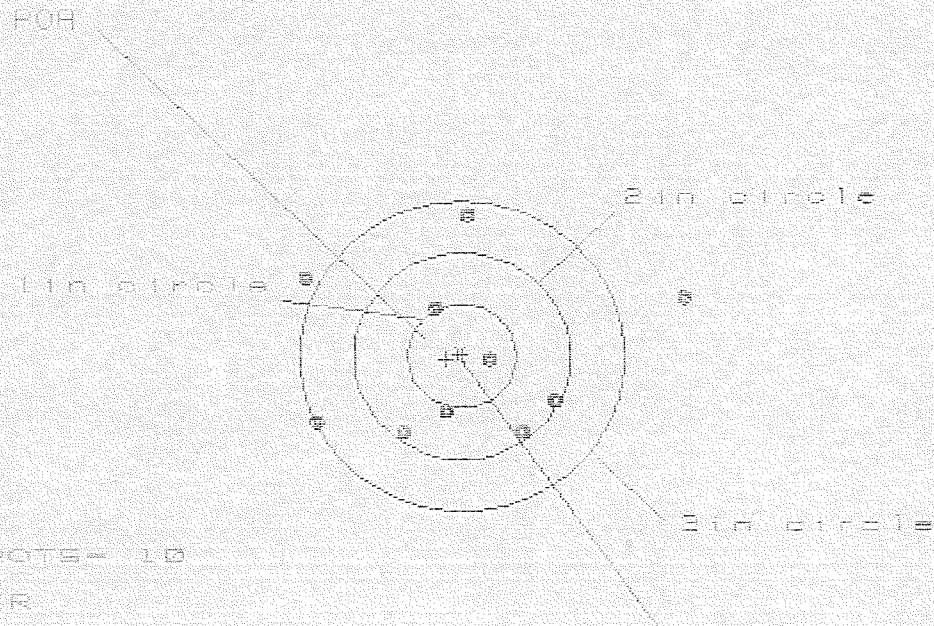
# INTERCHANGEABILITY

15 Sep 1989

FILE: /PATTERNING/CENTERFIRE\_PATT/06340833.1

CENTERFIRE PATTERNS

# 1



# OF SHOTS= 10

# IN CIR

1 in = 1

2 in = 6

3 in = 7

HS= 3.528

VS= 2.086

QS= 3.656

CENTROID \*

| PATTERN #                     | 1      | 2      | 3      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | 2.082  | 1.047  | .895   |
| MINIMUM X                     | -1.446 | -1.215 | -1.299 |
| MAXIMUM Y                     | 1.337  | 1.398  | 1.499  |
| MINIMUM Y                     | -1.749 | -1.688 | -1.587 |
| CENTROID X                    | .144   | -.087  | .065   |
| CENTROID Y                    | .033   | -.028  | -.129  |
| POB TO CENTROID in.           | .148   | .092   | .144   |
| MIN RADIUS                    | .213   | .441   | .318   |
| MEAN RADIUS                   | 1.063  | .942   | .839   |
| MAX RADIUS                    | 2.153  | 1.458  | 1.509  |
| HORIZONTAL SPREAD             | 3.528  | 2.262  | 2.194  |
| VERTICAL SPREAD               | 2.086  | 2.086  | 2.086  |
| EXTREME SPREAD                | 3.656  | 2.560  | 2.463  |
| NUMBER IN ONE INCH CIRCLE =   |        | 1      |        |
| NUMBER IN TWO INCH CIRCLE =   |        | 6      |        |
| NUMBER IN THREE INCH CIRCLE = |        | 7      |        |

# INTERCHANGEABILITY

13 Sep 1989

FILE: PATTERNING/CENTERFIRE\_PATT/06348833.1

## CENTERFIRE PATTERNS

# 2

POB

1in circle

2in circle

3in circle

CENTROID \*

# OF SHOTS = 10

# IN CIR

1in = 2

2in = 6

3in = 9

HS = 2.985

VS = 2.311

GS = 2.967

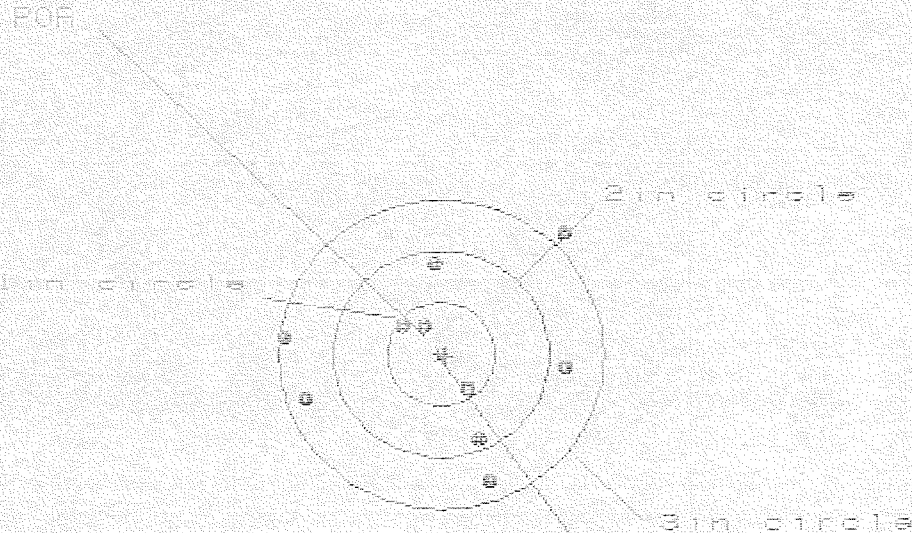
| PATTERN #                     | : | 2      |        |       |
|-------------------------------|---|--------|--------|-------|
| SHOTS (BEST OF)               | : | 10     | 9      | 8     |
| MAXIMUM X                     | : | 1.906  | .899   | .851  |
| MINIMUM X                     | : | -1.059 | -.847  | -.895 |
| MAXIMUM Y                     | : | 1.163  | 1.197  | .499  |
| MINIMUM Y                     | : | -1.148 | -1.114 | -.964 |
| CENTROID X                    | : | .104   | -.108  | -.060 |
| CENTROID Y                    | : | -.151  | -.185  | -.333 |
| POB TO CENTROID in.           | : | .183   | .214   | .348  |
| MIN RADIUS                    | : | .305   | .280   | .137  |
| MEAN RADIUS                   | : | .917   | .794   | .718  |
| MAX RADIUS                    | : | 1.931  | 1.257  | 1.031 |
| HORIZONTAL SPREAD             | : | 2.965  | 1.746  | 1.746 |
| VERTICAL SPREAD               | : | 2.311  | 2.311  | 1.463 |
| EXTREME SPREAD                | : | 2.967  | 2.312  | 1.911 |
| NUMBER IN ONE INCH CIRCLE =   |   |        | 2      |       |
| NUMBER IN TWO INCH CIRCLE =   |   |        | 6      |       |
| NUMBER IN THREE INCH CIRCLE = |   |        | 9      |       |

# INTERCHANGEABILITY

15 Sep 1985

FILE: /PATTERNING/CENTERFIRE\_PATT/06348833.J

## CENTERFIRE PATTERNS # 3



# OF SHOTS= 10

# IN CIE

1 in = 3

2 in = 5

3 in = 9

HS= 2.621

VS= 2.412

CS= 2.840

CENTROID \*

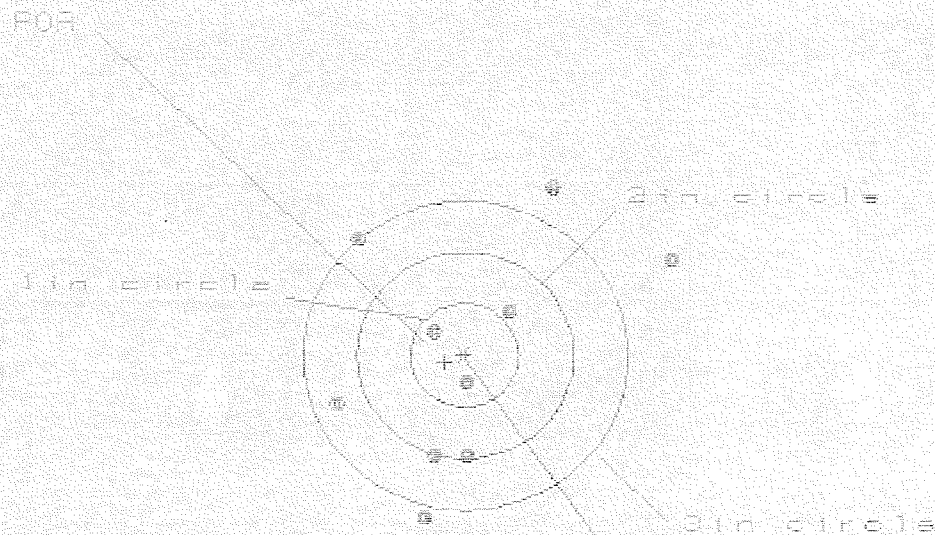
| PATTERN #                   |        |        |        |
|-----------------------------|--------|--------|--------|
| SHOTS (BEST OF)             | 10     | 9      | 8      |
| MAXIMUM X                   | 1.149  | 1.274  | 1.106  |
| MINIMUM X                   | -1.472 | -1.347 | -1.261 |
| MAXIMUM Y                   | 1.204  | .963   | 1.003  |
| MINIMUM Y                   | -1.208 | -1.074 | -1.034 |
| CENTROID X                  | -.043  | -.168  | .000   |
| CENTROID Y                  | .021   | -.113  | -.153  |
| POI TO CENTROID IN.         | .048   | .203   | .153   |
| MIN RADIUS                  | .301   | .410   | .268   |
| MEAN RADIUS                 | .971   | .897   | .818   |
| MAX RADIUS                  | 1.649  | 1.384  | 1.281  |
| HORIZONTAL SPREAD           | 2.621  | 2.621  | 2.367  |
| VERTICAL SPREAD             | 2.412  | 2.037  | 2.037  |
| EXTREME SPREAD              | 2.840  | 2.638  | 2.384  |
| NUMBER IN ONE INCH CIRCLE   | =      | 3      |        |
| NUMBER IN TWO INCH CIRCLE   | =      | 5      |        |
| NUMBER IN THREE INCH CIRCLE | =      | 9      |        |

# INTERCHANGEABILITY

10 Sep 1985

FILE: PATTERNING/CENTERFIRE\_PATT/0854B8839.1

## CENTERFIRE PATTERNS # 4



# OF SHOTS = 10

# IN CIP

1in = 2

2in = 4

3in = 7

HS = 3.049

VS = 3.144

GS = 3.366

PATTERN #

24

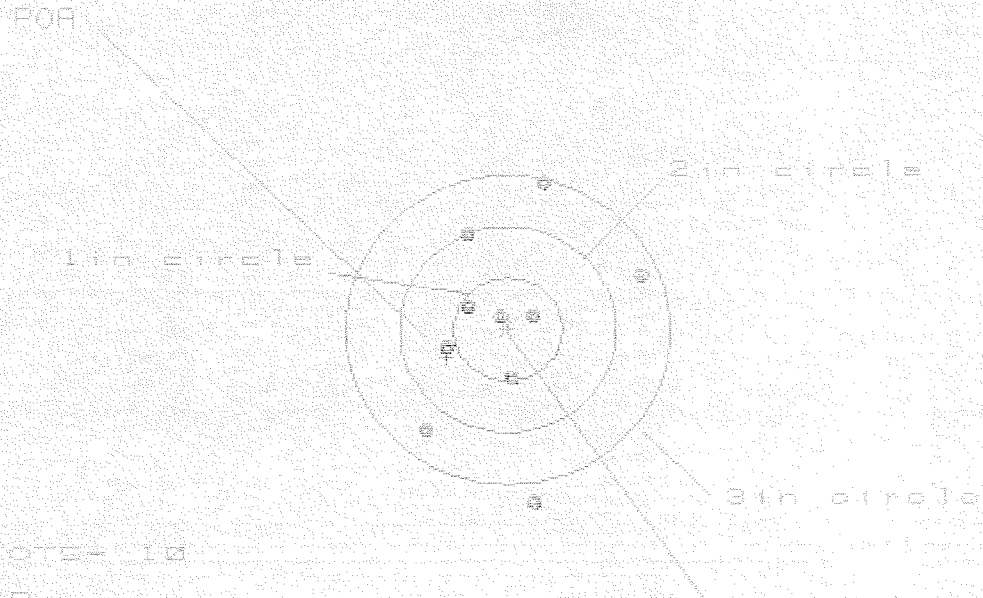
| SHOTS (BEST OF)               | 10     | 9      | 8      |
|-------------------------------|--------|--------|--------|
| MAXIMUM X                     | 1.867  | 1.043  | .783   |
| MINIMUM X                     | -1.183 | -.975  | -1.845 |
| MAXIMUM Y                     | 1.586  | 1.689  | 1.403  |
| MINIMUM Y                     | -1.558 | -1.455 | -1.244 |
| CENTROID X                    | .185   | -.022  | -.152  |
| CENTROID Y                    | -.066  | -.037  | -.248  |
| POA TO CENTROID in.           | .197   | .043   | .291   |
| MIN RADIUS                    | .279   | .247   | .388   |
| MEAN RADIUS                   | 1.144  | 1.007  | .867   |
| MAX RADIUS                    | 2.084  | 1.985  | 1.555  |
| HORIZONTAL SPREAD             | 3.049  | 2.018  | 1.628  |
| VERTICAL SPREAD               | 3.144  | 3.144  | 2.647  |
| EXTREME SPREAD                | 3.366  | 3.366  | 2.724  |
| NUMBER IN ONE INCH CIRCLE =   |        | 2      |        |
| NUMBER IN TWO INCH CIRCLE =   |        | 4      |        |
| NUMBER IN THREE INCH CIRCLE = |        | 7      |        |

# INTERCHANGEABILITY

15 Sep 1988

FILE: PATTERNING CENTERFIRE PATT 08948833.1

## CENTERFIRE PATTERNS # 5



# OF SHOTS = 10

# IN CIR

1 in = 4

2 in = 5

3 in = 9

HE = 2.007

VE = 3.041

GS = 3.042

PATTERN #

5

SHOTS (BEST OF)

10

9

9

MAXIMUM X

1.284

1.314

1.362

MINIMUM X

-1.723

-1.693

-1.645

MAXIMUM Y

1.384

1.200

1.939

MINIMUM Y

-1.657

-1.177

-1.027

CENTROID X

.563

.533

.483

CENTROID Y

.271

.455

.305

POA TO CENTROID IN

1.624

1.701

1.573

MIN RADIUS

.154

.094

.037

MEAN RADIUS

.877

.774

.693

MAX RADIUS

1.678

1.356

1.442

HORIZONTAL SPREAD

2.007

2.007

2.007

VERTICAL SPREAD

3.041

2.377

1.966

EXTREME SPREAD

3.042

2.611

2.506

NUMBER IN ONE INCH CIRCLE =

4

NUMBER IN TWO INCH CIRCLE =

5

NUMBER IN THREE INCH CIRCLE =

9

# RECEIVING AND ESTIMATING REPORT

COMMENTS

M-24 SNIPER W/LEUPOLD 10X SCOPE

|                          |                         |                     |                           |                                  |
|--------------------------|-------------------------|---------------------|---------------------------|----------------------------------|
| INITIAL<br>JM            | CUSTOMER ORDER NO.      |                     |                           |                                  |
| DATE RECEIVED<br>0/29/90 | DATE OPENED<br>10/29/90 | DATE CODE           | SERIAL NUMBER<br>C6340833 | MODEL AND GRADE<br>700 7.62 NATO |
| ACCESSORIES<br>HARD CASE |                         | ORDER<br>R 90-28387 |                           |                                  |

FROM:

CDR  
1ST SF BN 10TH SFG (A)  
ATTN ASOF-SFC-F-PBO  
APO NY 09050

SHIP TO:

CDR  
1ST SF BN 10TH SFG (A)  
ATTN ASOF-SFC-F-PBO  
APO NY 09050

|                |                    |                                           |            |           |            |
|----------------|--------------------|-------------------------------------------|------------|-----------|------------|
| ACCOUNT NUMBER | ACCOUNT NUMBER N/C | WRITE <input type="checkbox"/> CLEAN/TEST | PROM. DATE | ESTIMATED | VIA<br>UPS |
|----------------|--------------------|-------------------------------------------|------------|-----------|------------|

|               |     |           |     |             |       |
|---------------|-----|-----------|-----|-------------|-------|
| REPAIR CHARGE | TAX | INSURANCE | UPS | PARCEL POST | TOTAL |
|---------------|-----|-----------|-----|-------------|-------|

GUN CONDITION: ☐ NEW ☐ SLIGHTLY WORN ☐ VERY WORN ☐ MISUSED ☐ MARRED

CUSTOMER'S REQUEST

*Repaired per Government Maintenance Letter # 90-6*

MAIN FAULT

PARTS

|                |       |       |      |        |         |
|----------------|-------|-------|------|--------|---------|
| REPAIRMAN      | PROOF | CLEAN | TEST | TARGET | PATTERN |
| GALLERY TESTER | DATE  | DATE  | DATE | DATE   | DATE    |

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER  
KINZER V. REMINGTON

M2400039417

COPY 3

**M2400039418**