

C6587701

MODEL 700™ M24

Model **SWS**™

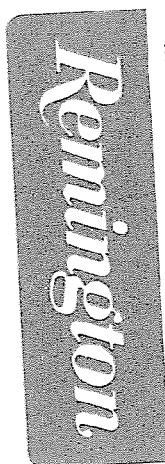
Action

Barrel Length

Capacity

Order No. **5716**

\*Includes 1 in chamber.



**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: **RE00170716** Serial: **C6587701** Model **M24 SWS** Center Fire Caliber: **7.62 NATO** Repairman: \_\_\_\_\_ Status: **Closed 7/6/2009 12:59 03 PM**

Verify Repair

**Address Information**

Customer: ☒ Received From Return To ☐ Received From

Name: **US ARMY GARRISON APC** **US ARMY GARRISON APC**

Address 1: **POLICE DEPT BLDG 2200** **POLICE DEPT BLDG 2200**

Address 2: **ATTN: SRT LT HOLFORD** PO Box: \_\_\_\_\_ **ATTN: SRT LT HOLFORD** PO Box: \_\_\_\_\_

City: **ABERDEEN PROVING GROUND** **ABERDEEN PROVING GROUND**

State: **MD** Zip Code: **21005** Country: **US** State: **MD** Zip Code: **21005** Country: **US**

FFL: \_\_\_\_\_

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

**Contact Information**

Phone: **NN**

Fax: \_\_\_\_\_

Email: \_\_\_\_\_

Comments: \_\_\_\_\_

**Received Condition**

Condition: **Fair**

Notes: \_\_\_\_\_

CSR Notes: \_\_\_\_\_

**Accessories Received**

| Code | Desc          | Qty |
|------|---------------|-----|
| A007 | With Stud     | 2   |
| A010 | Hard Case     | 1   |
| A017 | Scope Base    | 1   |
| A026 | Scope         | 1   |
| A045 | Bi Pod        | 1   |
| A057 | FR SIGHT BASE | 1   |

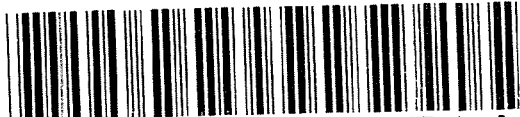
**Repair Search** **Refresh** **Close** **Refresh** **Close**

7/6/2009 12:59 PM CAPS NUM INS SERIAL

start 5 Microsoft... 5 Microsoft... Part Search by... Misc PDF... Internet Ex... Arms Services... 12:59:59

Serial Number: **C6587701**

Model: **M24 SWS**



**RE00170716**

M-24  
INSPECTION CHECKLIST - REPAIRS  
CONTRACT #: W52H09-07-C-0207  
ISSUED 10/1/2007

| R & E NUMBER <u>170216</u>    |                      |                                                                                                                                                  |                             |         |
|-------------------------------|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|---------|
| SERIAL NUMBER <u>C6587701</u> |                      |                                                                                                                                                  |                             |         |
| LOG-IN DATE <u>7-6-09</u>     |                      |                                                                                                                                                  |                             |         |
| OPERATION #                   | OPERATION NAME       |                                                                                                                                                  | DATE                        | INITIAL |
| 500                           | DIS-ASSEMBLE GUN     |                                                                                                                                                  | 7-10-09                     | RJR     |
| 505                           | RE-BARREL            |                                                                                                                                                  |                             |         |
| 420                           | ASSEMBLE             |                                                                                                                                                  |                             |         |
| 440                           | PROOF                |                                                                                                                                                  |                             |         |
| 460                           | CHECK HEADSPACE      |                                                                                                                                                  |                             |         |
| 470                           | DIS-ASSEMBLE GUN     |                                                                                                                                                  |                             |         |
| 480                           | MAGNAFLUX            |                                                                                                                                                  |                             |         |
| 510                           | DRILL AND TAP        |                                                                                                                                                  |                             |         |
| 500                           | ROLLMARK CALIBER     |                                                                                                                                                  |                             |         |
| 520                           | GOFF BLAST BBL / REC |                                                                                                                                                  |                             |         |
| 530 & 540                     | APPLY COATINGS       |                                                                                                                                                  |                             |         |
| 560                           | FINAL ASSEMBLY       |                                                                                                                                                  |                             |         |
| 640                           | FUNCTION TEST AND    | <u>PASS</u> FAIL                                                                                                                                 | 7/23                        | RB      |
| 650                           | TARGET               | <u>PASS</u> FAIL                                                                                                                                 | 7/23                        | RB      |
|                               | MALFUNCTION          | CORRECTION                                                                                                                                       |                             |         |
|                               | MALFUNCTION          | CORRECTION                                                                                                                                       |                             |         |
|                               | MALFUNCTION          | CORRECTION                                                                                                                                       |                             |         |
|                               | MALFUNCTION          | CORRECTION                                                                                                                                       | 7/23                        | TJR     |
| 670                           | FINAL INSPECTION     |                                                                                                                                                  |                             |         |
|                               | A) HEADSPACE         | <u>PASS</u> FAIL                                                                                                                                 | 7-24-09                     | RJR     |
|                               | B) TRIGGER PULL      | <div style="border: 1px solid black; padding: 2px; display: inline-block;">           +/- .5 LBS<br/>MIN 2.50 LBS<br/>MAX 4.0 LBS         </div> | 250 255 260 262 252 7-24-09 | RJR     |
| 680                           | F) SAFETY ON FORCE   | <div style="border: 1px solid black; padding: 2px; display: inline-block;">           2 LBS MIN<br/>10 LBS MAX         </div>                    | 4.0 4.0 4.0 7-24-09         | RJR     |
|                               | G) SAFETY OFF FORCE  | <div style="border: 1px solid black; padding: 2px; display: inline-block;">           2 LBS<br/>MIN         </div>                               | 4.0 4.0 4.0 7-24-09         | RJR     |
|                               | I) FIRING PIN INDENT | <div style="border: 1px solid black; padding: 2px; display: inline-block;">           .020         </div>                                        | .002 .003 .003 7-24-09      | RJR     |
| 690                           | PACK                 |                                                                                                                                                  | 9/24/09                     | Fm      |

F006 REV 1/2009

**Remington**



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

**MODEL 700<sup>TM</sup> H24**

**SERIAL NO.**  
C6587701

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

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

01



5716 C6587701

**UPC**



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6587701

| OP. #        | OP. NAME                                                       | READINGS | DATE     | INIT |
|--------------|----------------------------------------------------------------|----------|----------|------|
| 575 &<br>580 | Assemble Action<br>and Stock                                   | 1023     | 90       | RW   |
| 600          | Proof                                                          | 1023     | 90       | RW   |
| 607          | Check Headspace                                                | 1023     | 90       | RW   |
| 610          | Dis-assemble Gun                                               | 1023     | 90       | RW   |
| 612          | Magnaflux Barrel<br>Action                                     |          | 10/24/90 | KR   |
|              | Magnaflux Bolt                                                 |          | "        | KR   |
| 615          | Rollmark Caliber                                               |          | "        | BS   |
| 617          | Drill and Tap Sight Holes                                      |          | 10/25/90 | FB   |
| 618          | Polish Barrel AB                                               |          | 10/30/90 | WB   |
| 620          | Apply Coatings<br>(Barrel Action)                              |          | 11-7-90  | TA   |
|              | Apply Coating (Bolt)                                           |          |          |      |
| 625          | Final Assembly<br>A) Clean inside of<br>Bolt Assembly          |          | 11/12/90 | RW   |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |          | 11/12/90 | RW   |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |          | 11/12/90 | RW   |
|              | D) Oil Firing Pin Ass'y                                        |          | 11/12/90 | RW   |
|              | E) Adjust Trigger Pull to<br>Min Setting and Stake             |          | 11/19/90 | WB   |

| op. #        | OP. NAME                                                    | READINGS |       |       |     |     | DATE     | INIT |
|--------------|-------------------------------------------------------------|----------|-------|-------|-----|-----|----------|------|
| 625<br>cont. | F) Safety On Force                                          | 4        | 4     | 4     |     |     | 11/21/90 | WB   |
|              | G) Safety Off Force                                         | 2 1/4    | 2 1/4 | 2 1/4 |     |     | 11/21/90 | WB   |
|              | H) Trigger Pull Test & Retainability                        |          |       |       |     |     | 11/19/90 | WB   |
|              | I) Firing Pin Indent                                        | .023     | .023  | .023  |     |     | 11/21/90 | WB   |
|              | J) Assemble Stock                                           |          |       |       |     |     | 11/26/90 | RW   |
|              | K) Assemble Swivel Studs                                    |          |       |       |     |     | 11-28-90 | JS   |
|              | L) Attach Front and Rear Sight Assemblies                   |          |       |       |     |     | 11/26/90 | RW   |
|              | M) Iron Sight Alignment                                     |          |       |       |     |     | 11/26/90 | RW   |
|              | N) Detach Front & Rear Sights & place in numbered container |          |       |       |     |     | 11/26/90 | RW   |
|              | O) Attach Scope to Rifle                                    |          |       |       |     |     | 11/26/90 | RW   |
|              | P) Detach & Attach Scope 20 Times                           |          |       |       |     |     | 11/26/90 | RW   |
| 640          | Gallery Target & Test                                       |          |       |       |     |     | 11-27-90 | DH   |
|              | A) Time                                                     |          |       |       |     |     | 11-27-90 | DH   |
|              | B) Malfunctions                                             |          |       |       |     |     | 11-27-90 | DH   |
|              | C) Pierced Primers                                          |          |       |       |     |     | 11-27-90 | DH   |
|              | D) Optical Clarity of Scope                                 |          |       |       |     |     | 11-27-90 | DH   |
| 645          | Inspect for Live Ammo                                       |          |       |       |     |     | 11-27-90 | DH   |
| 655          | Final Inspection                                            |          |       |       |     |     |          |      |
|              | A) Headspace                                                |          |       |       |     |     | 11-28-90 | JS   |
|              | B) Trigger Pull                                             | 262      | 230   | 228   | 230 | 235 | 11-28-90 | JS   |
|              | C) Function                                                 |          |       |       |     |     | 11-28-90 | JS   |
| 660          | Pack                                                        |          |       |       |     |     | 12-17-90 | DH   |

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6587701

DATE 11/19/90

TESTER WB

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |      | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|------|------------------------------------------------------------------------|
| PULL #1 | 2.45             | 2.45                     | 2.50                           | 2.62 | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.47             | 2.55                     | 2.55                           | 2.76 |                                                                        |
| PULL #3 | 2.38             | 2.30                     | 2.57                           | 2.28 |                                                                        |
| PULL #4 | 2.43             | 2.52                     | 2.58                           | 2.30 |                                                                        |
| PULL #5 | 2.45             | 2.48                     | 2.57                           | 2.35 |                                                                        |
| TOTAL   | 12.18            | 12.30                    | 12.77                          |      |                                                                        |
| AVG.    | 2.43             | 2.46                     | 2.55                           |      |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.20             | 3.32                     |  |          |
| PULL #2 | 3.14             | 3.16                     |  |          |
| PULL #3 | 3.05             | 3.30                     |  |          |
| PULL #4 | 3.18             | 3.37                     |  |          |
| PULL #5 | 3.25             | 3.37                     |  |          |
| TOTAL   | 15.82            | 16.52                    |  |          |
| AVG.    | 3.16             | 3.30                     |  |          |

|         | 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             | 4.32                     |                                | 4.19                                 |
| PULL #2 | 4.39             | 4.31                     |                                | 4.20                                 |
| PULL #3 | 4.40             | 4.33                     |                                | 4.20                                 |
| PULL #4 | 4.39             | 4.32                     |                                | 4.24                                 |
| PULL #5 | 4.35             | 4.23                     |                                | 4.25                                 |
| TOTAL   | 21.88            | 21.51                    |                                | 21.08                                |
| AVG.    | 4.38             | 4.30                     |                                | 4.21                                 |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # C6587701  
27 Nov 1990

CENTROIDAL DISTANCES

|        |         |
|--------|---------|
| 0 TO 1 | .330492 |
| 1 TO 2 | .282809 |
| 1 TO 3 | .697001 |
| 1 TO 4 | .203062 |
| 1 TO 5 | .463781 |

14  
3

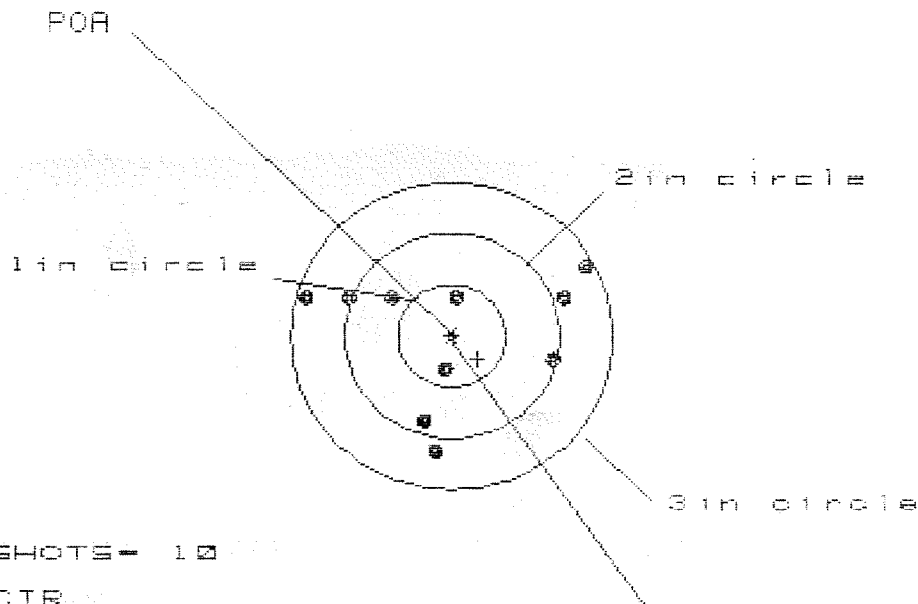
<----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.011  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .024  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0264008  
THE AMR FOR THIS RIFLE IS: .9696

27 Nov 1998

FILE:/PATTERNING/CENTERFIRE\_PATT/06587701

# CENTERFIRE PATTERNS # 1



| PATTERN #                     | 1      | 2      | 3      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | 1.198  | 1.043  | 1.060  |
| MINIMUM X                     | -1.400 | -1.082 | -.952  |
| MAXIMUM Y                     | .665   | .708   | .556   |
| MINIMUM Y                     | -1.171 | -1.128 | -1.040 |
| CENTROID X                    | -.243  | -.088  | -.218  |
| CENTROID Y                    | .224   | .181   | .093   |
| POA TO CENTROID in.           | .331   | .201   | .237   |
| MIN RADIUS                    | .312   | .360   | .207   |
| MEAN RADIUS                   | .935   | .878   | .808   |
| MAX RADIUS                    | 1.453  | 1.260  | 1.161  |
| HORIZONTAL SPREAD             | 2.598  | 2.125  | 2.012  |
| VERTICAL SPREAD               | 1.836  | 1.836  | 1.596  |
| EXTREME SPREAD                | 2.613  | 2.265  | 2.014  |
| NUMBER IN ONE INCH CIRCLE =   | 2      |        |        |
| NUMBER IN TWO INCH CIRCLE =   | 5      |        |        |
| NUMBER IN THREE INCH CIRCLE = | 10     |        |        |

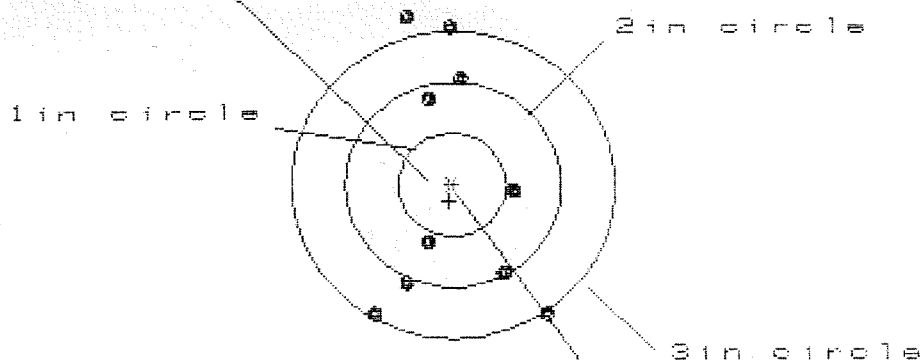
27 Nov 1990

FILE:/PATTERNING/CENTERFIRE\_PATT/C6587701

# CENTERFIRE PATTERNS

# 2

POA



# OF SHOTS = 10

# IN CIRC

1 in = 0

2 in = 3

3 in = 7

HS = 1.538

VS = 2.896

GS = 3.161

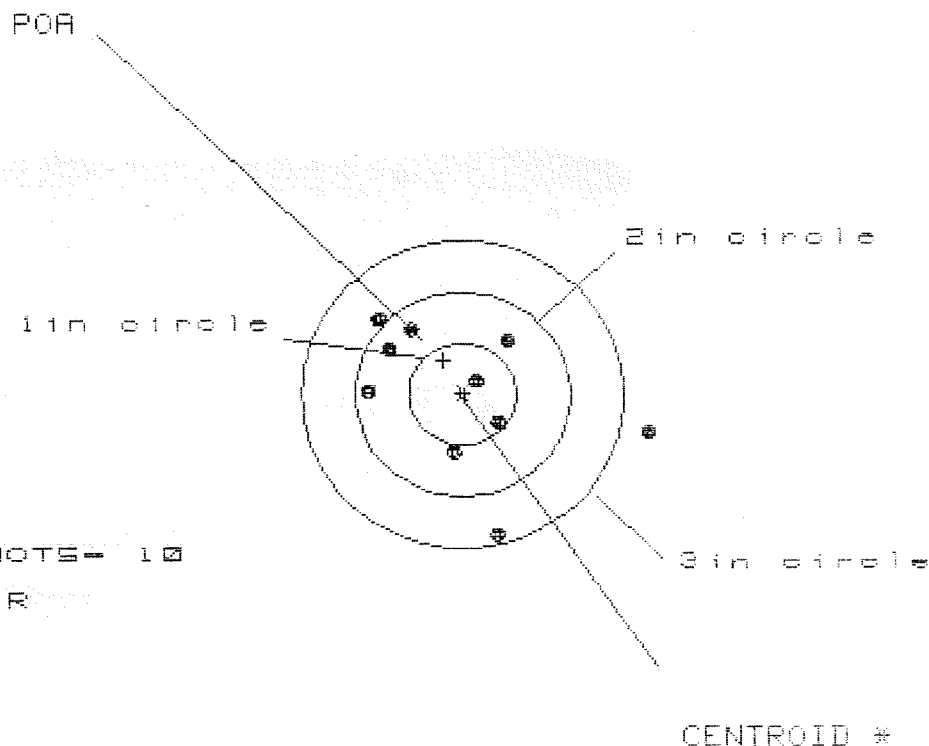
CENTROID #

| PATTERN #                     | 2      | 9      | 8     |
|-------------------------------|--------|--------|-------|
| SHOTS (BEST OF)               | 10     | 9      | 8     |
| MAXIMUM X                     | .822   | .773   | .766  |
| MINIMUM X                     | -.716  | -.765  | -.772 |
| MAXIMUM Y                     | 1.593  | 1.740  | 1.471 |
| MINIMUM Y                     | -1.303 | -1.126 | -.909 |
| CENTROID X                    | .032   | .081   | .088  |
| CENTROID Y                    | .158   | -.019  | -.236 |
| POA TO CENTROID in.           | .161   | .083   | .252  |
| MIN RADIUS                    | .604   | .497   | .340  |
| MEAN RADIUS                   | 1.145  | 1.061  | .932  |
| MAX RADIUS                    | 1.653  | 1.741  | 1.471 |
| HORIZONTAL SPREAD             | 1.538  | 1.538  | 1.538 |
| VERTICAL SPREAD               | 2.896  | 2.866  | 2.380 |
| EXTREME SPREAD                | 3.161  | 2.983  | 2.499 |
| NUMBER IN ONE INCH CIRCLE =   | 0      |        |       |
| NUMBER IN TWO INCH CIRCLE =   | 3      |        |       |
| NUMBER IN THREE INCH CIRCLE = | 7      |        |       |

27 Nov 1998

FILE:/PATTERNING/CENTERFIRE\_PATT/C8587701

# CENTERFIRE PATTERNS # 3



# OF SHOTS = 10

# IN CIR

1in = 2

2in = 7

3in = 9

HS = 2.618

VS = 2.132

GS = 2.701

|                               |   |        |        |       |
|-------------------------------|---|--------|--------|-------|
| PATTERN #                     | : | 3      |        |       |
| SHOTS (BEST OF)               | : | 10     | 9      | 8     |
| MAXIMUM X                     | : | 1.715  | .602   | .670  |
| MINIMUM X                     | : | -.903  | -.712  | -.644 |
| MAXIMUM Y                     | : | .764   | .727   | .551  |
| MINIMUM Y                     | : | -1.368 | -1.405 | -.786 |
| CENTROID X                    | : | .176   | -.015  | -.083 |
| CENTROID Y                    | : | -.333  | -.296  | -.120 |
| POA TO CENTROID in.           | : | .376   | .296   | .146  |
| MIN RADIUS                    | : | .156   | .301   | .368  |
| MEAN RADIUS                   | : | .858   | .747   | .627  |
| MAX RADIUS                    | : | 1.747  | 1.507  | .797  |
| HORIZONTAL SPREAD             | : | 2.618  | 1.314  | 1.314 |
| VERTICAL SPREAD               | : | 2.132  | 2.132  | 1.337 |
| EXTREME SPREAD                | : | 2.701  | 2.401  | 1.497 |
| NUMBER IN ONE INCH CIRCLE =   |   |        | 2      |       |
| NUMBER IN TWO INCH CIRCLE =   |   |        | 7      |       |
| NUMBER IN THREE INCH CIRCLE = |   |        | 9      |       |

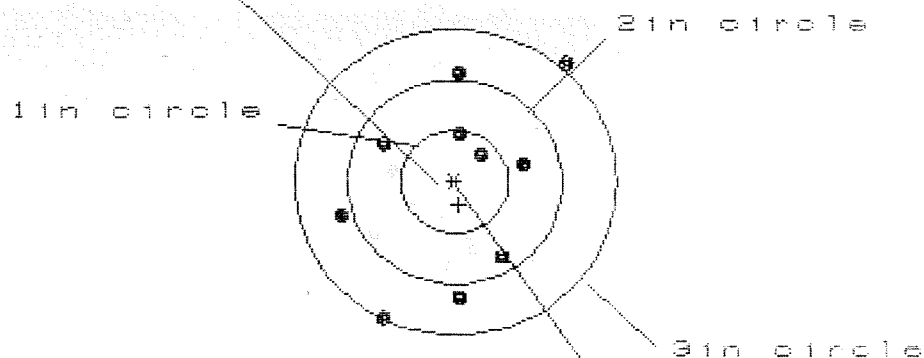
27 Nov 1938

FILE:/PATTERNING/CENTERFIRE\_PATT/08587701

# CENTERFIRE PATTERNS

# 4

POA



# OF SHOTS = 10

# IN CIR

1in = 2

2in = 5

3in = 8

HS = 2.063

VS = 2.512

GS = 3.021

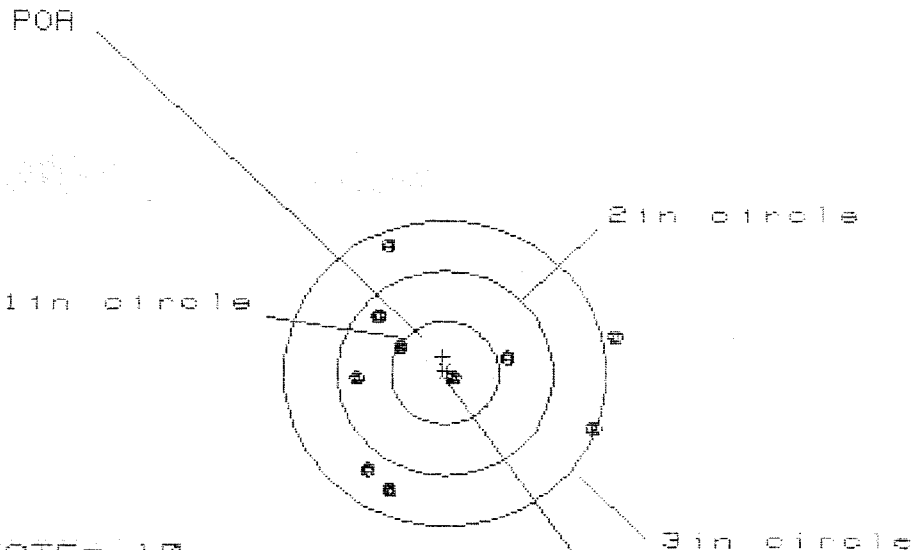
CENTROID #

| PATTERN #                     | 4      | 9      | 8      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | 1.030  | .737   | .670   |
| MINIMUM X                     | -1.033 | -.919  | -.986  |
| MAXIMUM Y                     | 1.156  | 1.217  | 1.064  |
| MINIMUM Y                     | -1.356 | -1.228 | -1.143 |
| CENTROID X                    | -.040  | -.154  | -.087  |
| CENTROID Y                    | .229   | .101   | .255   |
| POA TO CENTROID in.           | .233   | .184   | .269   |
| MIN RADIUS                    | .344   | .515   | .356   |
| MEAN RADIUS                   | .939   | .885   | .791   |
| MAX RADIUS                    | 1.548  | 1.339  | 1.146  |
| HORIZONTAL SPREAD             | 2.063  | 1.656  | 1.656  |
| VERTICAL SPREAD               | 2.512  | 2.445  | 2.207  |
| EXTREME SPREAD                | 3.021  | 2.538  | 2.207  |
| NUMBER IN ONE INCH CIRCLE =   |        | 2      |        |
| NUMBER IN TWO INCH CIRCLE =   |        | 5      |        |
| NUMBER IN THREE INCH CIRCLE = |        | 8      |        |

27 Nov 1998

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# CENTERFIRE PATTERNS # 5



# OF SHOTS- 10

# IN CIR

1in = 1

2in = 5

3in = 9

HS= 2.418

VS= 2.417

GS= 2.688

CENTROID \*

|                               |   |        |        |        |
|-------------------------------|---|--------|--------|--------|
| PATTERN #                     | : | 5      |        |        |
| SHOTS (BEST OF)               | : | 10     | 9      | 8      |
| MAXIMUM X                     | : | 1.563  | 1.545  | .906   |
| MINIMUM X                     | : | -.855  | -.682  | -.489  |
| MAXIMUM Y                     | : | 1.278  | 1.314  | 1.254  |
| MINIMUM Y                     | : | -1.139 | -1.103 | -1.163 |
| CENTROID X                    | : | .020   | -.153  | -.346  |
| CENTROID Y                    | : | -.158  | -.193  | -.133  |
| POR TO CENTROID in.           | : | .159   | .247   | .371   |
| MIN RADIUS                    | : | .139   | .298   | .276   |
| MEAN RADIUS                   | : | .971   | .888   | .771   |
| MAX RADIUS                    | : | 1.595  | 1.618  | 1.263  |
| HORIZONTAL SPREAD             | : | 2.418  | 2.227  | 1.395  |
| VERTICAL SPREAD               | : | 2.417  | 2.417  | 2.417  |
| EXTREME SPREAD                | : | 2.688  | 2.688  | 2.417  |
| NUMBER IN ONE INCH CIRCLE =   |   |        | 1      |        |
| NUMBER IN TWO INCH CIRCLE =   |   |        | 5      |        |
| NUMBER IN THREE INCH CIRCLE = |   |        | 9      |        |