

C6523468

MODEL 700™ M24

Model SWS™

Action

Barrel Length

Capacity

Order No. 5716

\*Includes 1 in chamber.



**Remington**  
 MODEL 700™ H24

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

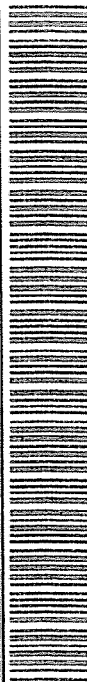
VERY IMPORTANT:  
 Instruction Book  
 enclosed to assure  
 safe use of this  
 firearm.

SERIAL NO.  
 06520468

ORDER NO.  
 5716

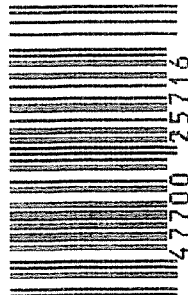
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

Q1



5716 06520468

UPC



0 47700 25716 7

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6523468

| OP. #        | OP. NAME                                                       | READINGS | DATE    | INIT |
|--------------|----------------------------------------------------------------|----------|---------|------|
| 575 &<br>580 | Assemble Action<br>and Stock                                   |          | 8/21/90 | DB   |
| 600          | Proof                                                          |          | 8/31/90 | DB   |
| 607          | Check Headspace                                                |          | 8/21/90 | DB   |
| 610          | Dis-assemble Gun                                               |          | 8/21/90 | DB   |
| 612          | Magnaflux Barrel<br>Action                                     |          |         |      |
|              | Magnaflux Bolt                                                 |          |         |      |
| 615          | Rollmark Caliber                                               |          |         |      |
| 617          | Drill and Tap Sight Holes                                      |          | 8/23/90 | FB   |
| 618          | Polish Barrel RB                                               |          | 8/23/90 | WB   |
| 620          | Apply Coatings<br>(Barrel Action)                              |          | 8-20-90 | JA   |
|              | Apply Coating (Bolt)                                           |          |         |      |
| 625          | Final Assembly<br>A) Clean inside of<br>Bolt Assembly          |          | 10/3/90 | RW   |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |          | 10/3/90 | RW   |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |          | 10/3/90 | RW   |
|              | D) Oil Firing Pin Ass'y                                        |          | 10/3/90 | RW   |
|              | E) Adjust Trigger Pull to<br>Min Setting and Stake             |          | 10/3/90 | RW   |

| op. #      | OP. NAME                                                    | READINGS |      |      | DATE     | INIT |         |    |
|------------|-------------------------------------------------------------|----------|------|------|----------|------|---------|----|
| 655<br>nt. | F) Safety On Force                                          | 4.5      | 4.5  | 4.5  | 10/4/90  | RW   |         |    |
|            | G) Safety Off Force                                         | 3        | 3    | 3    | 10/4/90  | RW   |         |    |
|            | H) Trigger Pull Test & Retainability                        |          |      |      | 10/3/90  | RW   |         |    |
|            | I) Firing Pin Indent                                        | .021     | .021 | .022 | 10/4/90  | RW   |         |    |
|            | J) Assemble Stock                                           |          |      |      | 10/4/90  | RW   |         |    |
|            | K) Assemble Swivel Studs                                    |          |      |      | 10/30/90 | QD   |         |    |
|            | L) Attach Front and Rear Sight Assemblies                   |          |      |      | 10/4/90  | RW   |         |    |
|            | M) Iron Sight Alignment                                     |          |      |      | 10/4/90  | RW   |         |    |
|            | N) Detach Front & Rear Sights & place in numbered container |          |      |      | 10/4/90  | RW   |         |    |
|            | O) Attach Scope to Rifle                                    |          |      |      | 10/4/90  | RW   |         |    |
|            | P) Detach & Attach Scope 20 Times                           |          |      |      | 10/4/90  | RW   |         |    |
| 640        | Gallery Target & Test                                       |          |      |      | 10-8-90  | L    |         |    |
|            | A) Time                                                     |          |      |      | "        | L    |         |    |
|            | B) Malfunctions                                             |          |      |      | "        | L    |         |    |
|            | C) Pierced Primers                                          |          |      |      | "        | L    |         |    |
|            | D) Optical Clarity of Scope                                 |          |      |      | "        | L    |         |    |
| 645        | Inspect for Live Ammo                                       |          |      |      | 10-8-90  | L    |         |    |
| 655        | Final Inspection                                            |          |      |      |          |      |         |    |
|            | A) Headspace                                                |          |      |      | 10/30/90 | QD   |         |    |
|            | B) Trigger Pull                                             | 2.38     | 2.32 | 2.28 | 2.28     | 2.32 | 10-9-90 | QD |
|            | C) Function                                                 |          |      |      | 10/30/90 | QD   |         |    |
| 660        | Pack                                                        |          |      |      | 12/18/90 | AF   |         |    |

SWS TRIGGER PULL TEST

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

SERIAL NO. C6523468

DATE 10/3/90

TESTER RW

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |       | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|-------|------------------------------------------------------------------------|
| PULL #1 | 2.36             | 2.26                     | 2.21                           | 2.38  | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.40             | 2.09                     | 2.40                           | 2.32  |                                                                        |
| PULL #3 | 2.37             | 2.29                     | 2.33                           | 2.27  |                                                                        |
| PULL #4 | 2.40             | 2.03                     | 2.21                           | 2.28  |                                                                        |
| PULL #5 | 2.41             | 2.25                     | 2.16                           | 2.32  |                                                                        |
| TOTAL   | 11.94            | 10.92                    | 11.31                          | 11.57 |                                                                        |
| AVG.    | 2.39             | 2.18                     | 2.26                           | 2.314 |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.26             | 3.31                     |  |          |
| PULL #2 | 3.35             | 3.26                     |  |          |
| PULL #3 | 3.28             | 3.03                     |  |          |
| PULL #4 | 3.30             | 3.29                     |  |          |
| PULL #5 | 3.26             | 3.30                     |  |          |
| TOTAL   | 16.45            | 16.19                    |  |          |
| AVG.    | 3.29             | 3.24                     |  |          |

|         | 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 | 4.13             | 4.11                     |                                | 4.13                                 |
| PULL #2 | 4.08             | 4.07                     |                                | 4.06                                 |
| PULL #3 | 4.06             | 4.07                     |                                | 4.13                                 |
| PULL #4 | 4.10             | 4.00                     |                                | 4.11                                 |
| PULL #5 | 4.05             | 4.06                     |                                | 4.04                                 |
| TOTAL   | 20.42            | 20.31                    |                                | 20.47                                |
| AVG.    | 4.08             | 4.06                     |                                | 4.09                                 |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # C6523468  
8 Oct 1990

CENTROIDAL DISTANCES

|   |    |   |         |
|---|----|---|---------|
| 0 | TO | 1 | .128798 |
| 1 | TO | 2 | .164551 |
| 1 | TO | 3 | .349201 |
| 1 | TO | 4 | .140929 |
| 1 | TO | 5 | .561445 |

34 5 <----POA

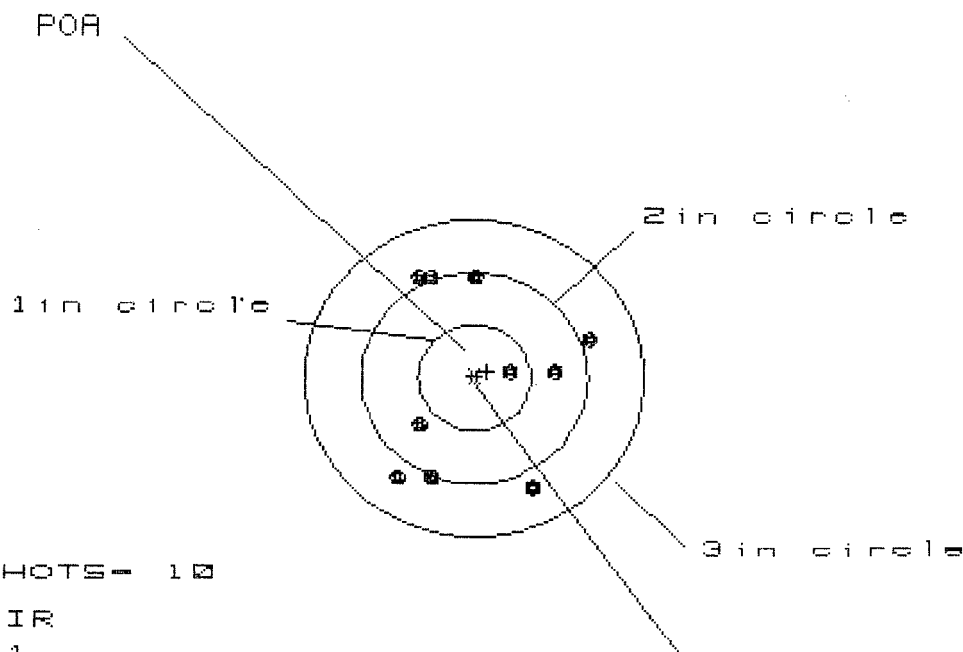
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0984  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0428  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .107305  
THE AMR FOR THIS RIFLE IS: .8998

8 Oct 1998

FILE:/PATTERNING/CENTERFIRE\_PATT/C6523468

# CENTERFIRE PATTERNS

# 1



# OF SHOTS- 10

# IN CIR

1in = 1

2in = 3

3in = 10

HS= 1.703

VS= 2.026

GS= 2.225

CENTROID #

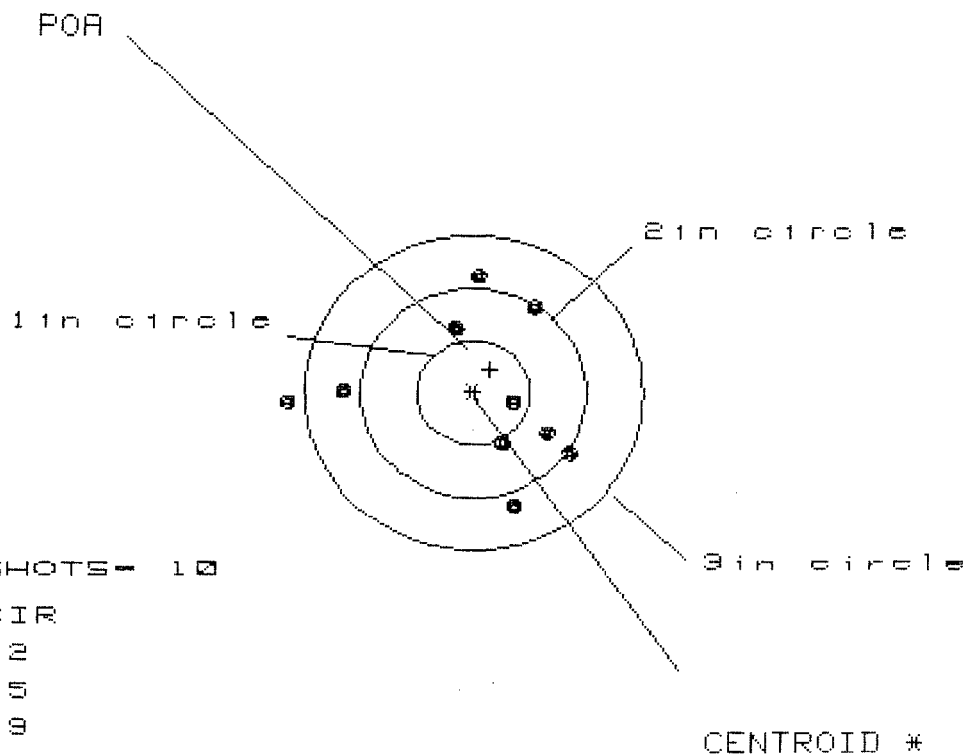
| PATTERN #                     | 1      | 2      | 3      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | .997   | .919   | .975   |
| MINIMUM X                     | -.706  | -.599  | -.543  |
| MAXIMUM Y                     | 1.002  | .895   | .754   |
| MINIMUM Y                     | -1.024 | -1.131 | -1.224 |
| CENTROID X                    | -.115  | -.037  | -.092  |
| CENTROID Y                    | -.058  | .049   | .190   |
| POA TO CENTROID in.           | .129   | .061   | .211   |
| MIN RADIUS                    | .307   | .222   | .326   |
| MEAN RADIUS                   | .920   | .872   | .824   |
| MAX RADIUS                    | 1.189  | 1.215  | 1.288  |
| HORIZONTAL SPREAD             | 1.703  | 1.518  | 1.518  |
| VERTICAL SPREAD               | 2.026  | 2.026  | 1.978  |
| EXTREME SPREAD                | 2.225  | 2.225  | 2.016  |
| NUMBER IN ONE INCH CIRCLE =   | 1      |        |        |
| NUMBER IN TWO INCH CIRCLE =   | 3      |        |        |
| NUMBER IN THREE INCH CIRCLE = | 10     |        |        |

8 Oct 1998

FILE:/PATTERNING/CENTERFIRE\_PATT/C6523468

# CENTERFIRE PATTERNS

# 2



# OF SHOTS- 10

# IN CIR

1in = 2

2in = 5

3in = 9

HS= 2.492

VS= 2.204

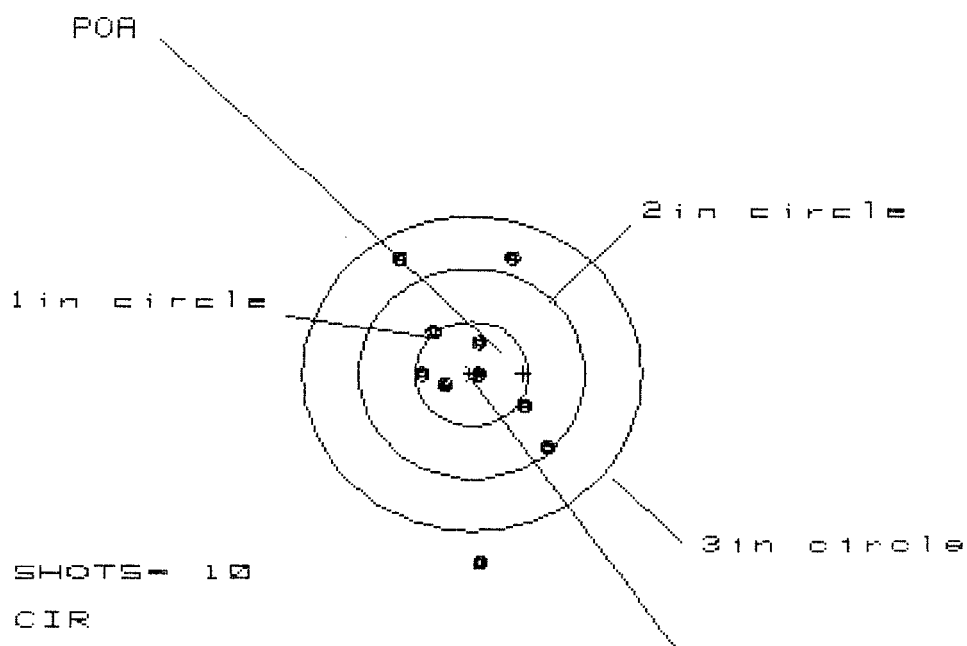
GS= 2.548

| PATTERN #                   | : | 2      |        |        |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | .837   | .653   | .482   |
| MINIMUM X                   | : | -1.655 | -1.366 | -.488  |
| MAXIMUM Y                   | : | 1.119  | 1.113  | 1.120  |
| MINIMUM Y                   | : | -1.085 | -1.091 | -1.084 |
| CENTROID X                  | : | -.149  | .035   | .205   |
| CENTROID Y                  | : | -.219  | -.213  | -.220  |
| POA TO CENTROID in.         | : | .265   | .216   | .301   |
| MIN RADIUS                  | : | .357   | .187   | .084   |
| MEAN RADIUS                 | : | .936   | .814   | .712   |
| MAX RADIUS                  | : | 1.656  | 1.367  | 1.156  |
| HORIZONTAL SPREAD           | : | 2.492  | 2.019  | .971   |
| VERTICAL SPREAD             | : | 2.204  | 2.204  | 2.204  |
| EXTREME SPREAD              | : | 2.548  | 2.220  | 2.220  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 2      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 5      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 9      |        |

8 Oct 1998

FILE:/PATTERNING/CENTERFIRE\_PATT/CG523468

# CENTERFIRE PATTERNS # 3



# OF SHOTS- 10

# IN CIR

1in = 4

2in = 7

3in = 9

HS= 1.272

VS= 2.929

GS= 2.997

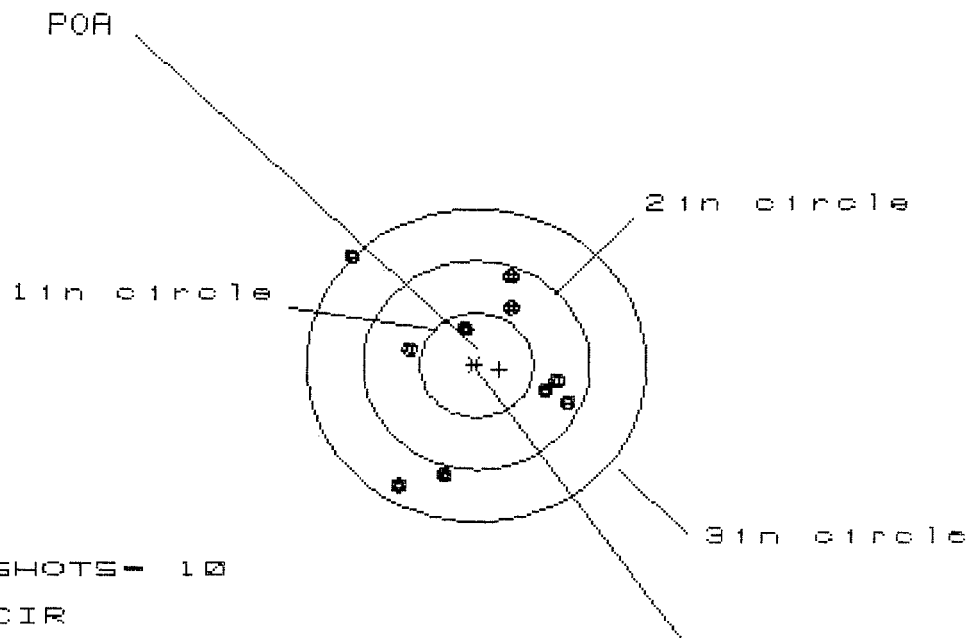
CENTROID \*

|                               |   |        |       |       |
|-------------------------------|---|--------|-------|-------|
| PATTERN #                     | : | 3      |       |       |
| SHOTS (BEST OF)               | : | 10     | 9     | 8     |
| MAXIMUM X                     | : | .672   | .676  | .602  |
| MINIMUM X                     | : | -.600  | -.596 | -.498 |
| MAXIMUM Y                     | : | 1.128  | .928  | 1.012 |
| MINIMUM Y                     | : | -1.801 | -.912 | -.796 |
| CENTROID X                    | : | -.460  | -.464 | -.390 |
| CENTROID Y                    | : | -.004  | .196  | .081  |
| POA TO CENTROID in.           | : | .460   | .504  | .398  |
| MIN RADIUS                    | : | .063   | .100  | .131  |
| MEAN RADIUS                   | : | .726   | .600  | .532  |
| MAX RADIUS                    | : | 1.802  | 1.136 | 1.042 |
| HORIZONTAL SPREAD             | : | 1.272  | 1.272 | 1.100 |
| VERTICAL SPREAD               | : | 2.929  | 1.840 | 1.808 |
| EXTREME SPREAD                | : | 2.997  | 2.237 | 1.842 |
| NUMBER IN ONE INCH CIRCLE =   |   |        | 4     |       |
| NUMBER IN TWO INCH CIRCLE =   |   |        | 7     |       |
| NUMBER IN THREE INCH CIRCLE = |   |        | 9     |       |

B Oct 1998

FILE:/PATTERNING/CENTERFIRE\_PATT/C6523468

# CENTERFIRE PATTERNS # 4



# OF SHOTS- 10

# IN CIR

1in - 1

2in - 7

3in = 9

HS- 1.929

VS= 2.267

GS= 2.407

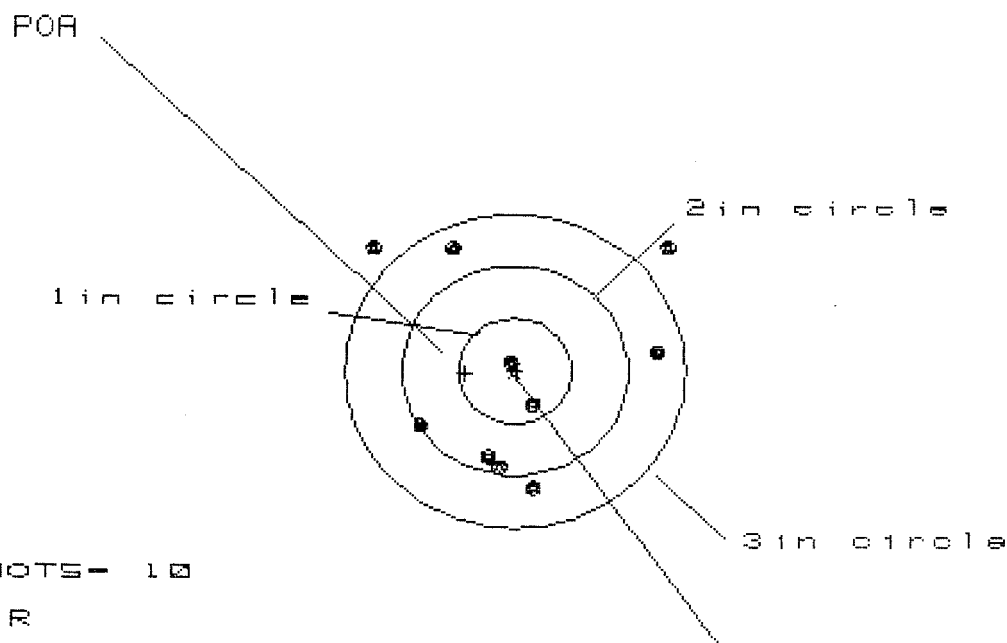
CENTROID \*

| PATTERN #                     | : | 4      |        |        |
|-------------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)               | : | 10     | 9      | 8      |
| MAXIMUM X                     | : | .814   | .690   | .593   |
| MINIMUM X                     | : | -1.115 | -.771  | -.783  |
| MAXIMUM Y                     | : | 1.074  | .940   | .806   |
| MINIMUM Y                     | : | -1.193 | -1.074 | -1.044 |
| CENTROID X                    | : | -.209  | -.085  | .012   |
| CENTROID Y                    | : | .047   | -.072  | .062   |
| POA TO CENTROID in.           | : | .214   | .111   | .063   |
| MIN RADIUS                    | : | .355   | .492   | .444   |
| MEAN RADIUS                   | : | .871   | .786   | .684   |
| MAX RADIUS                    | : | 1.548  | 1.322  | 1.184  |
| HORIZONTAL SPREAD             | : | 1.929  | 1.461  | 1.376  |
| VERTICAL SPREAD               | : | 2.267  | 2.014  | 1.850  |
| EXTREME SPREAD                | : | 2.407  | 2.211  | 1.946  |
| NUMBER IN ONE INCH CIRCLE =   |   |        | 1      |        |
| NUMBER IN TWO INCH CIRCLE =   |   |        | 7      |        |
| NUMBER IN THREE INCH CIRCLE = |   |        | 9      |        |

8 Oct 1998

FILE:/PATTERNING/CENTERFIRE\_PATT/C6523468

# CENTERFIRE PATTERNS # 5



# OF SHOTS- 10

# IN CIR

1 in = 2

2 in = 5

3 in = 8

HS= 2.617

VS= 2.390

GS= 2.778

CENTROID #

| PATTERN #                   | : | 5      |        |       |
|-----------------------------|---|--------|--------|-------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8     |
| MAXIMUM X                   | : | 1.404  | 1.450  | 1.318 |
| MINIMUM X                   | : | -1.213 | -1.057 | -.813 |
| MAXIMUM Y                   | : | 1.224  | 1.350  | 1.435 |
| MINIMUM Y                   | : | -1.166 | -1.040 | -.871 |
| CENTROID X                  | : | .441   | .285   | .417  |
| CENTROID Y                  | : | .020   | -.106  | -.275 |
| POA TO CENTROID in.         | : | .442   | .304   | .500  |
| MIN RADIUS                  | : | .099   | .241   | .168  |
| MEAN RADIUS                 | : | 1.046  | .939   | .796  |
| MAX RADIUS                  | : | 1.803  | 1.715  | 1.540 |
| HORIZONTAL SPREAD           | : | 2.617  | 2.507  | 2.130 |
| VERTICAL SPREAD             | : | 2.390  | 2.390  | 2.306 |
| EXTREME SPREAD              | : | 2.778  | 2.755  | 2.422 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 2      |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 5      |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 8      |       |