

FOEII

UPC



00014770000125716 7

C6648978

\*INCLUDES 1 IN CHAMBER

CAPACITY\*

BARREL LENGTH

MODEL 700 TM M24

ORDER NO.

5715

*Remington*



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

MODEL 700 <sup>TM</sup> M24

SERIAL NO.  
C6648978

20

ORDER NO.  
**5716**

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



5716 C6648978

**ORDER 5716**  
MODEL 700 <sup>TM</sup> M24

**UPC**



0 47700 25716 7

**ORDER 5716**  
MODEL 700 <sup>TM</sup> M24

**UPC**



0 47700 25716 7

**GFM**

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6648978

| OP. #        | OP. NAME                                                       | READINGS | DATE     | INIT |
|--------------|----------------------------------------------------------------|----------|----------|------|
| 575 &<br>580 | Assemble Action<br>and Stock                                   | 10 1     | 91       | Rw   |
| 600          | Proof                                                          | 10 1     | 91       | Rw   |
| 607          | Check Headspace                                                | 10 1     | 91       | Rw   |
| 610          | Dis-assemble Gun                                               | 10 1     | 91       | Rw   |
| 612          | Magnaflux Barrel<br>Action                                     | OCT 1    | 0 1991   | KR   |
|              | Magnaflux Bolt                                                 | OCT 1    | 0 1991   | KR   |
| 615          | Rollmark Caliber                                               | OCT 1    | 0 1991   | GL   |
| 617          | Drill and Tap Sight Holes                                      | OCT 1    | 0 1991   | LB   |
| 618          | Polish Barrel                                                  |          | 10/15/91 | WB   |
| 620          | Apply Coatings<br>(Barrel Action)                              |          | 11-2-91  | TA   |
|              | Apply Coating (Bolt)                                           |          |          |      |
| 625          | Final Assembly<br>A) Clean inside of<br>Bolt Assembly          |          | 11/11/91 | Rw   |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |          | 11/11/91 | Rw   |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |          | 11/11/91 | Rw   |
|              | D) Oil Firing Pin Ass'y                                        |          | 11/11/91 | Rw   |
|              | E) Adjust Trigger Pull to<br>Min Setting and Stake             |          | 11-21-91 | GL   |

| op. #        | BARBER M24 0030218                                          | READINGS |      |      |     |     | DATE     | INIT |
|--------------|-------------------------------------------------------------|----------|------|------|-----|-----|----------|------|
| 625<br>cont. | F) Safety On Force                                          | 4        | 4    | 4    |     |     | 11/21/91 | GU   |
|              | G) Safety Off Force                                         | 3        | 3    | 3    |     |     | 11/21/91 | GU   |
|              | H) Trigger Pull Test & Retainability                        |          |      |      |     |     | 11-21-91 | GU   |
|              | I) Firing Pin Indent                                        | .022     | .022 | .022 |     |     | 11/21/91 | GU   |
|              | J) Assemble Stock                                           |          |      |      |     |     | 11/25/91 | RW   |
|              | K) Assemble Swivel Studs                                    |          |      |      |     |     | 11-27-91 | D/H  |
|              | L) Attach Front and Rear Sight Assemblies                   |          |      |      |     |     | 11/25/91 | RW   |
|              | M) Iron Sight Alignment                                     |          |      |      |     |     | 11/25/91 | RW   |
|              | N) Detach Front & Rear Sights & place in numbered container |          |      |      |     |     | 11/25/91 | RW   |
|              | O) Attach Scope to Rifle                                    |          |      |      |     |     | 11/25/91 | RW   |
|              | P) Detach & Attach Scope 20 Times                           |          |      |      |     |     | 11/25/91 | RW   |
| 640          | Gallery Target & Test                                       |          |      |      |     |     | 11-25-91 | AF   |
|              | A) Time                                                     |          |      |      |     |     | "        | AF   |
|              | B) Malfunctions                                             |          |      |      |     |     | "        | AF   |
|              | C) Pierced Primers                                          |          |      |      |     |     | "        | AF   |
|              | D) Optical Clarity of Scope                                 |          |      |      |     |     | "        | AF   |
| 645          | Inspect for Live Ammo                                       |          |      |      |     |     | 11-25-91 | AF   |
| 655          | Final Inspection                                            |          |      |      |     |     |          |      |
|              | A) Headspace                                                |          |      |      |     |     | 11-27-91 | D/H  |
|              | B) Trigger Pull                                             | 234      | 240  | 237  | 244 | 248 | 11-26-91 | D/H  |
|              | C) Function                                                 |          |      |      |     |     | 11-27-91 | D/H  |
| 660          | Pack                                                        |          |      |      |     |     | 12/9/91  | D/H  |

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C-6648978

DATE 11-21-91

TESTER JL

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |     | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|-----|------------------------------------------------------------------------|
| PULL #1 | 2.40             | 2.51                     | 2.44                           | 234 | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.49             | 2.46                     | 2.48                           | 240 |                                                                        |
| PULL #3 | 2.45             | 2.45                     | 2.51                           | 237 |                                                                        |
| PULL #4 | 2.47             | 2.53                     | 2.58                           | 244 |                                                                        |
| PULL #5 | 2.49             | 2.56                     | 2.55                           | 248 |                                                                        |
| TOTAL   |                  |                          |                                |     |                                                                        |
| AVG.    |                  |                          |                                |     |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.48             | 3.41                     |  |          |
| PULL #2 | 3.47             | 3.62                     |  |          |
| PULL #3 | 3.56             | 3.57                     |  |          |
| PULL #4 | 3.66             | 3.54                     |  |          |
| PULL #5 | 3.57             | 3.40                     |  |          |
| TOTAL   |                  |                          |  |          |
| AVG.    |                  |                          |  |          |

|         | 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 | 4.25             | 4.53                     |                                | 4.45                                 |
| PULL #2 | 4.54             | 4.48                     |                                | 4.38                                 |
| PULL #3 | 4.52             | 4.43                     |                                | 4.40                                 |
| PULL #4 | 4.48             | 4.46                     |                                | 4.42                                 |
| PULL #5 | 4.54             | 4.37                     |                                | 4.43                                 |
| TOTAL   |                  |                          |                                |                                      |
| AVG.    |                  |                          |                                |                                      |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # C6648978  
25 Nov 1991

CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | .184694 |
| 1 TO | 2 | .224294 |
| 1 TO | 3 | .46378  |
| 1 TO | 4 | .182464 |
| 1 TO | 5 | .297693 |

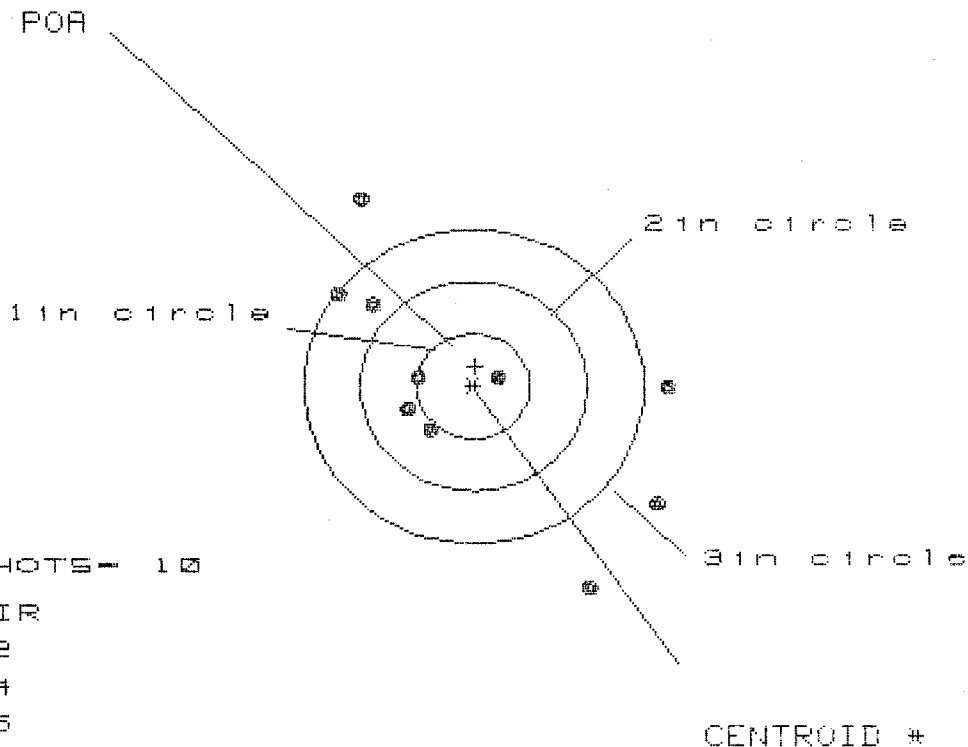
<----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0992  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0168  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0619467  
THE ANR FOR THIS RIFLE IS: 1.179

FILE:/PATTERNING/CENTERFIRE PATT/C664B978

## CENTERFIRE PATTERNS

# 1



# OF SHOTS- 10

# IN CIR

1 in - 2

210 - 4

317 = 5

HIS 100704 2-970

VS= 3.759

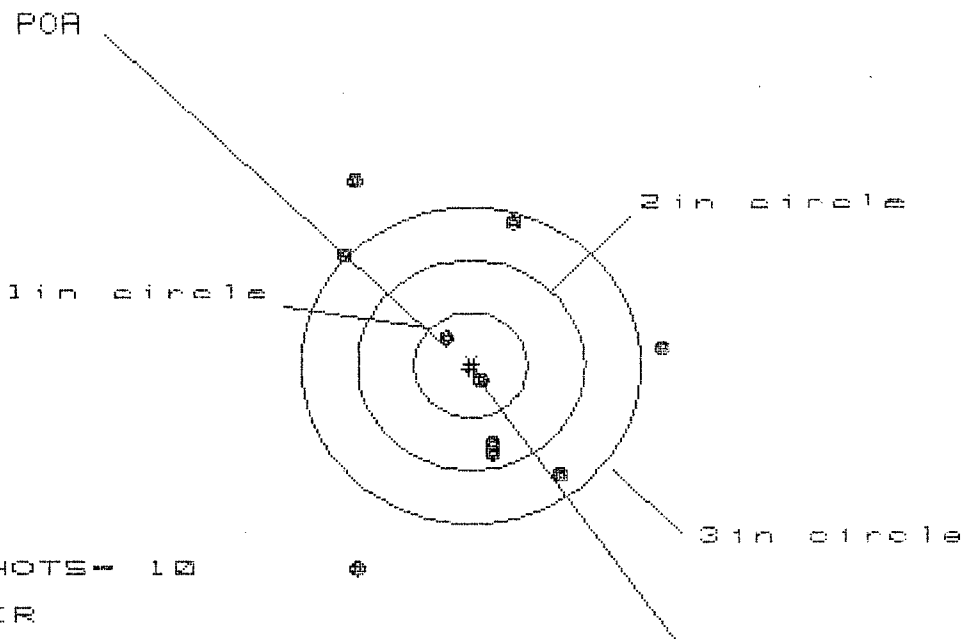
GS-4 4.252

| PATTERN #                   | : | 1      | 2      | 3      |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.746  | 1.854  | 1.741  |
| MINIMUM X                   | : | -1.224 | -1.116 | -1.229 |
| MAXIMUM Y                   | : | 1.826  | 1.611  | .854   |
| MINIMUM Y                   | : | -1.933 | -1.302 | -1.101 |
| CENTROID X                  | : | -.016  | -.124  | -.011  |
| CENTROID Y                  | : | -.184  | .031   | -.170  |
| POA TO CENTROID in.         | : | .184   | .128   | .171   |
| MIN RADIUS                  | : | .243   | .327   | .231   |
| MEAN RADIUS                 | : | 1.247  | 1.128  | 1.028  |
| MAX RADIUS                  | : | 2.165  | 2.126  | 1.916  |
| HORIZONTAL SPREAD           | : | 2.970  | 2.970  | 2.970  |
| VERTICAL SPREAD             | : | 3.759  | 2.913  | 1.955  |
| EXTREME SPREAD              | : | 4.252  | 3.896  | 3.413  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 2      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 4      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 5      |        |

25 Nov 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/C6648978

## CENTERFIRE PATTERNS # 2



# OF SHOTS - 10

# IN CIR

1 in = 2

2 in = 4

3 in = 8

HS = 2.738

VS = 3.636

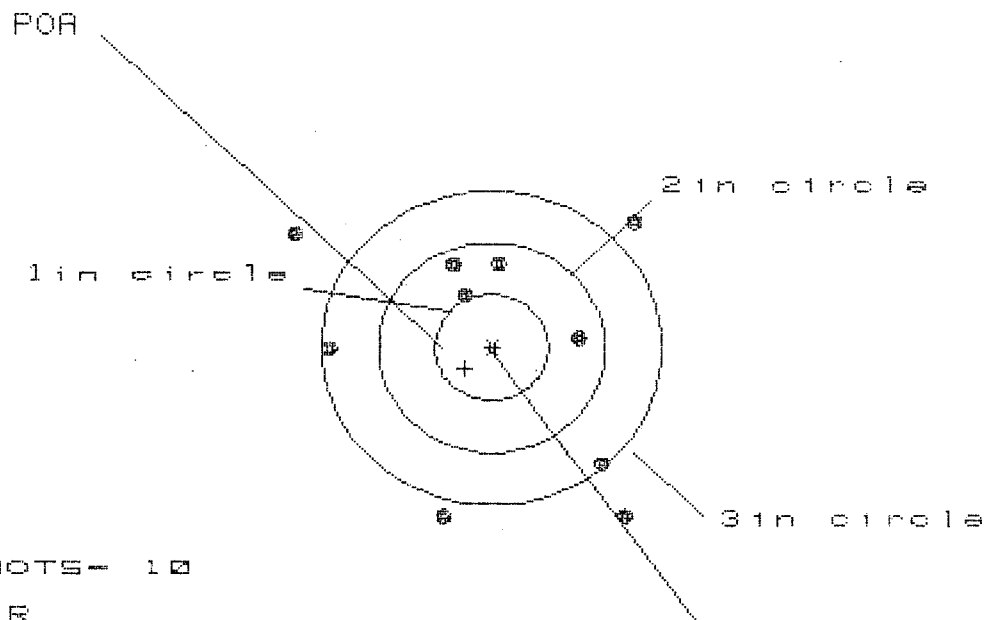
GS = 3.636

| PATTERN #                   | : | 2      | 9      | 8      |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.647  | 1.533  | 1.393  |
| MINIMUM X                   | : | -1.091 | -1.205 | -1.345 |
| MAXIMUM Y                   | : | 1.744  | 1.534  | 1.341  |
| MINIMUM Y                   | : | -1.892 | -1.266 | -1.074 |
| CENTROID X                  | : | .016   | .130   | .270   |
| CENTROID Y                  | : | .038   | .248   | .056   |
| POA TO CENTROID in.         | : | .041   | .280   | .276   |
| MIN RADIUS                  | : | .123   | .312   | .217   |
| MEAN RADIUS                 | : | 1.221  | 1.135  | 1.007  |
| MAX RADIUS                  | : | 2.154  | 1.901  | 1.710  |
| HORIZONTAL SPREAD           | : | 2.738  | 2.738  | 2.738  |
| VERTICAL SPREAD             | : | 3.636  | 2.800  | 2.415  |
| EXTREME SPREAD              | : | 3.636  | 3.346  | 2.871  |
| NUMBER IN ONE INCH CIRCLE   | = | 2      |        |        |
| NUMBER IN TWO INCH CIRCLE   | = | 4      |        |        |
| NUMBER IN THREE INCH CIRCLE | = | 8      |        |        |

25 Nov 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/C6646978

## CENTERFIRE PATTERNS # 3



# OF SHOTS- 10

# IN CIR

1 in = 0

2 in = 4

3 in = 6

HS= 2.020

VS= 2.838

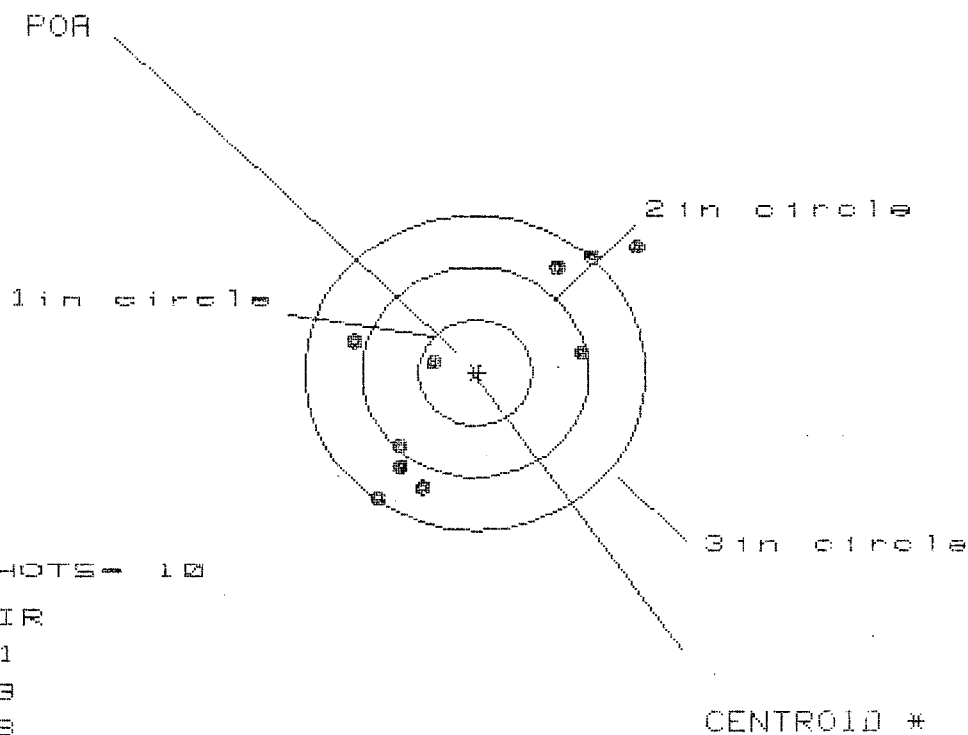
GS= 3.941

| PATTERN #                     | 3      |
|-------------------------------|--------|
| SHOTS (BEST OF)               | 10     |
| MAXIMUM X                     | 1.268  |
| MINIMUM X                     | -1.752 |
| MAXIMUM Y                     | 1.197  |
| MINIMUM Y                     | -1.641 |
| CENTROID X                    | .235   |
| CENTROID Y                    | .206   |
| POA TO CENTROID in.           | .313   |
| MIN RADIUS                    | .567   |
| MEAN RADIUS                   | 1.323  |
| MAX RADIUS                    | 2.046  |
| HORIZONTAL SPREAD             | 3.020  |
| VERTICAL SPREAD               | 2.838  |
| EXTREME SPREAD                | 3.941  |
| NUMBER IN ONE INCH CIRCLE =   | 0      |
| NUMBER IN TWO INCH CIRCLE =   | 4      |
| NUMBER IN THREE INCH CIRCLE = | 6      |

15 Nov 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/06646978

## CENTERFIRE PATTERNS # 4



# OF SHOTS - 10

# IN CIR

1 in = 1

2 in = 3

3 in = 8

HS= 2.426

VS= 2.344

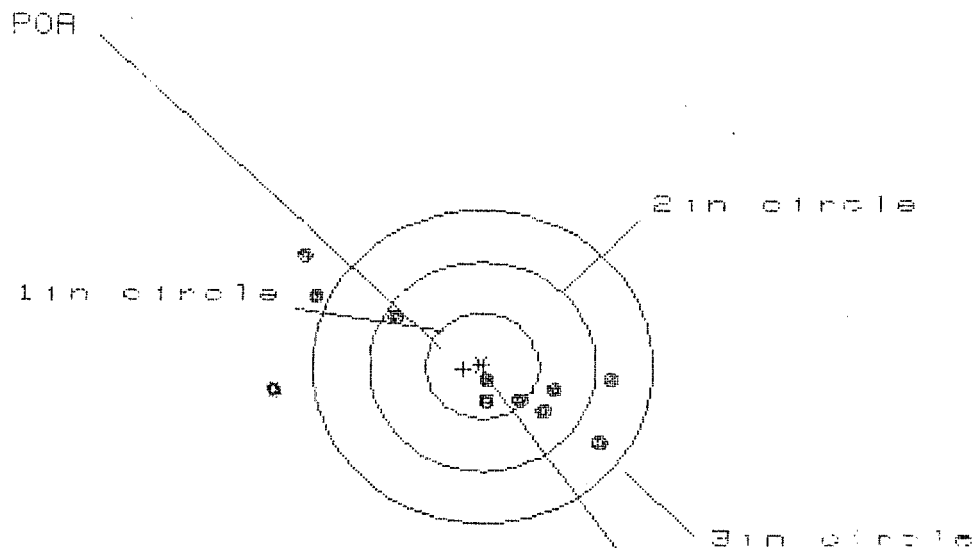
GS= 3.281

| PATTERN #                   | : | 4      |        |       |
|-----------------------------|---|--------|--------|-------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8     |
| MAXIMUM X                   | : | 1.383  | 1.218  | 1.267 |
| MINIMUM X                   | : | -1.043 | -.890  | -.738 |
| MAXIMUM Y                   | : | 1.190  | 1.199  | 1.294 |
| MINIMUM Y                   | : | -1.154 | -1.022 | -.872 |
| CENTROID X                  | : | -.029  | -.182  | -.335 |
| CENTROID Y                  | : | -.002  | -.134  | -.284 |
| POA TO CENTROID in.         | : | .029   | .226   | .438  |
| MIN RADIUS                  | : | .431   | .356   | .405  |
| MEAN RADIUS                 | : | 1.185  | 1.073  | .942  |
| MAX RADIUS                  | : | 1.824  | 1.709  | 1.678 |
| HORIZONTAL SPREAD           | : | 2.426  | 2.108  | 2.004 |
| VERTICAL SPREAD             | : | 2.344  | 2.221  | 2.166 |
| EXTREME SPREAD              | : | 3.281  | 2.974  | 2.739 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 1      |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 3      |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 8      |       |

25 NOV 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/C8848978

## CENTERFIRE PATTERNS # 5



# OF SHOTS- 10

# IN CIR

1in = 3

2in = 6

3in = 8

HS= 2.697

VS= 1.817

GS= 3.227

CENTROID \*

| PATTERN #                     | 5      | 9      | 8      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | 1.103  | .925   | .715   |
| MINIMUM X                     | -1.594 | -1.687 | -1.111 |
| MAXIMUM Y                     | 1.119  | .770   | .727   |
| MINIMUM Y                     | -.698  | -.573  | -.477  |
| CENTROID X                    | .165   | .343   | .553   |
| CENTROID Y                    | .026   | -.099  | -.195  |
| POA TO CENTROID in.           | .167   | .356   | .587   |
| MIN RADIUS                    | .120   | .146   | .165   |
| MEAN RADIUS                   | .920   | .730   | .535   |
| MAX RADIUS                    | 1.948  | 1.854  | 1.328  |
| HORIZONTAL SPREAD             | 2.697  | 2.612  | 1.826  |
| VERTICAL SPREAD               | 1.817  | 1.343  | 1.204  |
| EXTREME SPREAD                | 3.227  | 2.910  | 2.162  |
| NUMBER IN ONE INCH CIRCLE =   | 3      |        |        |
| NUMBER IN TWO INCH CIRCLE =   | 6      |        |        |
| NUMBER IN THREE INCH CIRCLE = | 8      |        |        |