

C6636108

MODEL 700™ M24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5716**

\*Includes 1 in chamber.

*Remington*



**MODEL 700™**  
**H24**



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

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

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

SERIAL NO.  
**C6636108**

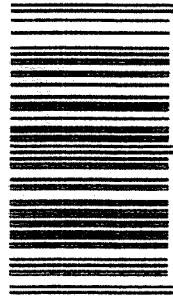
ORDER NO.  
**5716**

20



5716 C6636108

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6636108

| OP. #        | OP. NAME                                                       | READINGS         | DATE        | INIT |
|--------------|----------------------------------------------------------------|------------------|-------------|------|
| 575 &<br>580 | Assemble Action<br>and Stock                                   | QUALITY<br>AUDIT | 3/3/91      | KS.  |
| 600          | Proof                                                          |                  | 4/3/91      | KS.  |
| 607          | Check Headspace                                                |                  | 4/3/91      | KS.  |
| 610          | Dis-assemble Gun                                               |                  | 4/3/91      | KS.  |
| 612          | Magnaflux Barrel<br>Action                                     |                  | 4/10/91     | KR   |
|              | Magnaflux Bolt                                                 |                  | 4/10/91     | U    |
| 615          | Rollmark Caliber                                               |                  | 4/10/91     | YG   |
| 617          | Drill and Tap Sight Holes                                      |                  | APR 19 1991 | FB   |
| 618          | Polish Barrel                                                  |                  | APR 19 1991 | WB   |
| 620          | Apply Coatings<br>(Barrel Action)                              |                  | 5-10-91     | HA   |
|              | Apply Coating (Bolt)                                           |                  |             |      |
| 625          | Final Assembly<br>A) Clean inside of<br>Bolt Assembly          |                  | 5/22/91     | KS   |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |                  | 5/22/91     | KS   |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |                  | 5/22/91     | KS   |
|              | D) Oil Firing Pin Ass'y                                        |                  | 5/22/91     | KS   |
|              | E) Adjust Trigger Pull to<br>Min Setting and Stake             |                  | 5/24/91     | SL   |

| op. #        | OP. NAME                                                    | READINGS |       |       |      |      | DATE    | INIT |
|--------------|-------------------------------------------------------------|----------|-------|-------|------|------|---------|------|
| 625<br>cont. | F) Safety On Force                                          | 4        | 4     | 4     |      |      | 5/24/91 | PH   |
|              | G) Safety Off Force                                         | 3        | 3     | 3     |      |      | 5/24/91 | PH   |
|              | H) Trigger Pull Test & Retainability                        |          |       |       |      |      | 5/23/91 | PH   |
|              | I) Firing Pin Indent                                        | .0215    | .0225 | .0225 |      |      | 5/24/91 | PH   |
|              | J) Assemble Stock                                           |          |       |       |      |      | 5/25/91 | KS   |
|              | K) Assemble Swivel Studs                                    |          |       |       |      |      | 6-8-91  | PH   |
|              | L) Attach Front and Rear Sight Assemblies                   |          |       |       |      |      | 5/25/91 | KS   |
|              | M) Iron Sight Alignment                                     |          |       |       |      |      | 5/25/91 | KS   |
|              | N) Detach Front & Rear Sights & place in numbered container |          |       |       |      |      | 5/25/91 | KS   |
|              | O) Attach Scope to Rifle                                    |          |       |       |      |      | 5/25/91 | KS   |
|              | P) Detach & Attach Scope 20 Times                           |          |       |       |      |      | 5/25/91 | KS   |
| 640          | Gallery Target & Test                                       |          |       |       |      |      | 6-4-91  | PH   |
|              | A) Time                                                     |          |       |       |      |      | 6-4-91  | PH   |
|              | B) Malfunctions                                             |          |       |       |      |      | 6-4-91  | PH   |
|              | C) Pierced Primers                                          |          |       |       |      |      | 6-4-91  | PH   |
|              | D) Optical Clarity of Scope                                 |          |       |       |      |      | 6-4-91  | PH   |
| 645          | Inspect for Live Ammo                                       |          |       |       |      |      | 6-4-91  | PH   |
| 655          | Final Inspection                                            |          |       |       |      |      |         |      |
|              | A) Headspace                                                |          |       |       |      |      | 6-8-91  | PH   |
|              | B) Trigger Pull                                             | 2.54     | 2.51  | 2.49  | 2.52 | 2.53 | 6-8-91  | PH   |
|              | C) Function                                                 |          |       |       |      |      | 6-8-91  | PH   |
| 660          | Pack                                                        |          |       |       |      |      | 6-14-91 | PH   |

SWS TRIGGER PULL TEST

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

SERIAL NO. C6636108

DATE 5/24/91

TESTER JK

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |      | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|------|------------------------------------------------------------------------|
| PULL #1 | 2.58             | 2.51                     | 2.50                           | 2.54 | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.53             | 2.53                     | 2.37                           | 2.51 |                                                                        |
| PULL #3 | 2.55             | 2.56                     | 2.58                           | 2.49 |                                                                        |
| PULL #4 | 2.56             | 2.56                     | 2.53                           | 2.52 |                                                                        |
| PULL #5 | 2.52             | 2.55                     | 2.53                           | 2.53 |                                                                        |
| TOTAL   |                  |                          |                                |      |                                                                        |
| AVG.    |                  |                          |                                |      |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.33             | 3.22                     |  |          |
| PULL #2 | 3.24             | 3.20                     |  |          |
| PULL #3 | 3.19             | 3.21                     |  |          |
| PULL #4 | 3.22             | 3.23                     |  |          |
| PULL #5 | 3.20             | 3.22                     |  |          |
| 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 | 4.35             | 4.31                     |                                | 4.31                                 |
| PULL #2 | 4.32             | 4.30                     |                                | 4.30                                 |
| PULL #3 | 4.28             | 4.33                     |                                | 4.32                                 |
| PULL #4 | 4.29             | 4.33                     |                                | 4.32                                 |
| PULL #5 | 4.32             | 4.31                     |                                | 4.29                                 |
| TOTAL   |                  |                          |                                |                                      |
| AVG.    |                  |                          |                                |                                      |

CENTROIDAL DISTANCE CALCULATIONS

FOR RIFLE # C6636108

4 JUN 1991

CENTROIDAL DISTANCES

|        |         |
|--------|---------|
| 0 TO 1 | .147231 |
| 1 TO 2 | .104019 |
| 1 TO 3 | .172905 |
| 1 TO 4 | .356093 |
| 1 TO 5 | .338362 |

47

<----POA

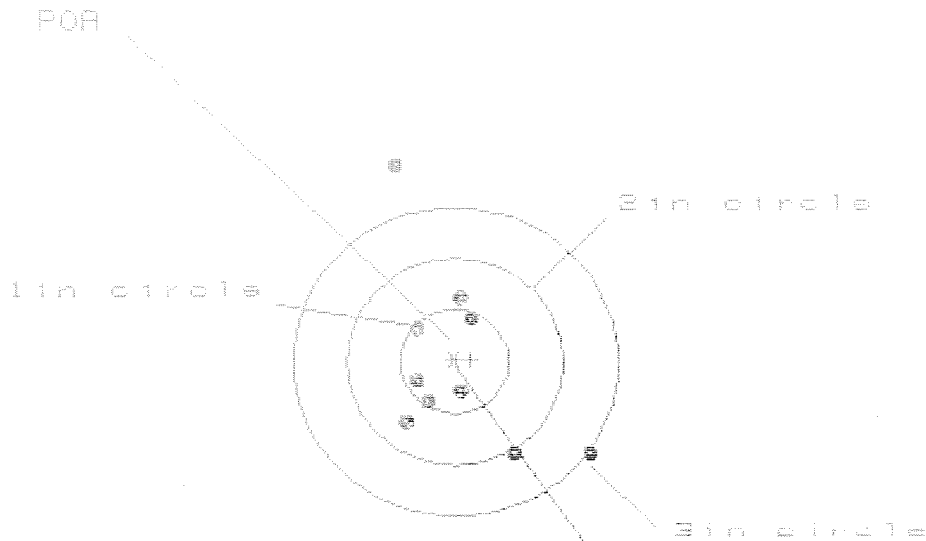
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0922  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .147  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .168422

THE AMP FOR THIS RIFLE IS: .09222

4 Jun 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/C8635108

# CENTERFIRE PATTERNS # 1



# OF SHOTS- 10

# IN CIR

1in = 4

2in = 7

3in = 8

HS= 1.727

VS= 2.867

GS= 3.347

CENTROID \*

PATTERN #

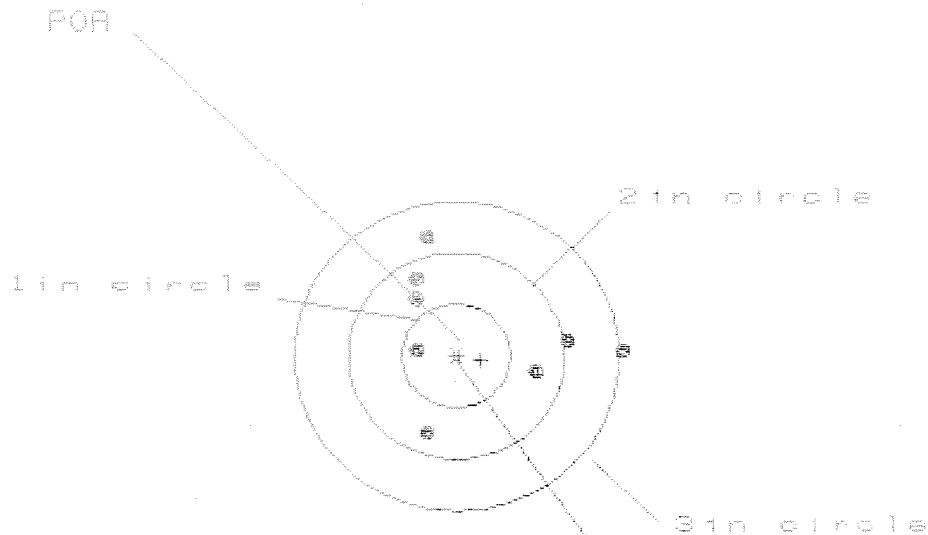
SHOTS (BEST OF)

|                               | 10    | 9     | 8     |
|-------------------------------|-------|-------|-------|
| MAXIMUM X                     | 1.218 | 1.152 | .624  |
| MINIMUM X                     | -.517 | -.496 | -.352 |
| MAXIMUM Y                     | 1.962 | .855  | .778  |
| MINIMUM Y                     | 1.985 | 1.687 | -.766 |
| CENTROID X                    | -.146 | -.088 | -.232 |
| CENTROID Y                    | -.019 | -.237 | -.152 |
| POA TO CENTROID in.           | .147  | .253  | .277  |
| MIN RADIUS                    | .624  | .084  | .212  |
| MEAN RADIUS                   | 1.882 | .643  | .527  |
| MAX RADIUS                    | 2.029 | 1.341 | .988  |
| HORIZONTAL SPREAD             | 1.727 | 1.648 | .976  |
| VERTICAL SPREAD               | 2.867 | 1.542 | 1.535 |
| EXTREME SPREAD                | 3.347 | 1.958 | 1.625 |
| NUMBER IN ONE INCH CIRCLE =   |       | 4     |       |
| NUMBER IN TWO INCH CIRCLE =   |       | 7     |       |
| NUMBER IN THREE INCH CIRCLE = |       | 8     |       |

4 Jun 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/C6636108

# CENTERFIRE PATTERNS # 2



# OF SHOTS- 10

# IN CIR

1in = 2

2in = 7

3in = 9

HS= 2.837

VS= 3.113

GS= 3.450

CENTROID \*

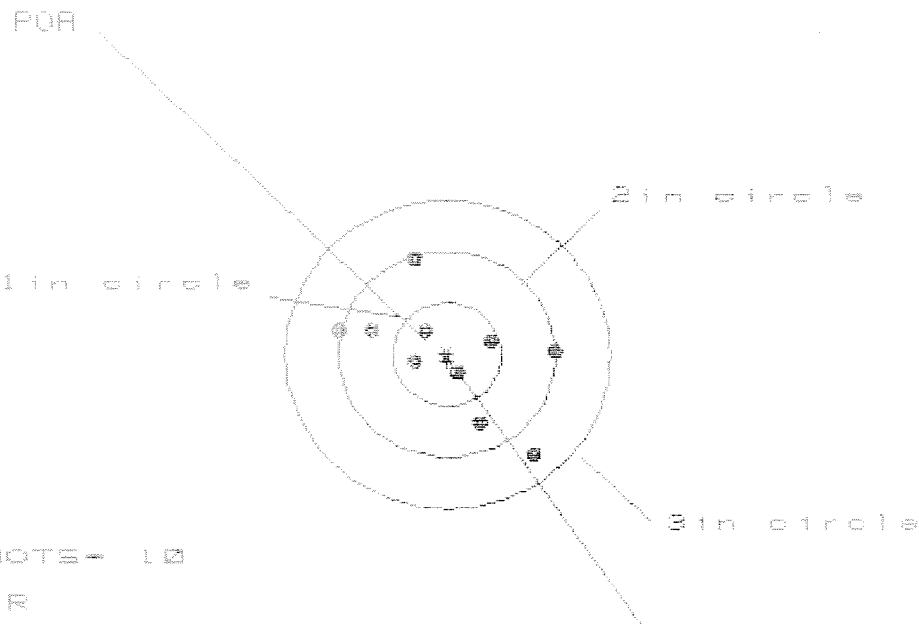
## PATTERN #

| SHOTS (BEST OF)             | 10     | 9     | 8     |
|-----------------------------|--------|-------|-------|
| MAXIMUM X                   | 1.498  | 1.349 | 1.086 |
| MINIMUM X                   | -1.339 | -.531 | -.362 |
| MAXIMUM Y                   | 1.157  | .940  | .914  |
| MINIMUM Y                   | -1.956 | -.920 | -.946 |
| CENTROID X                  | -.228  | -.079 | -.248 |
| CENTROID Y                  | .045   | .262  | .260  |
| POA TO CENTROID in.         | .232   | .274  | .380  |
| MIN RADIUS                  | .356   | .587  | .356  |
| MEAN RADIUS                 | .982   | .816  | .704  |
| MAX RADIUS                  | 2.370  | 1.365 | 1.009 |
| HORIZONTAL SPREAD           | 2.837  | 1.880 | 1.368 |
| VERTICAL SPREAD             | 3.113  | 1.860 | 1.860 |
| EXTREME SPREAD              | 3.450  | 2.072 | 1.861 |
| NUMBER IN ONE INCH CIRCLE   | =      | 2     |       |
| NUMBER IN TWO INCH CIRCLE   | =      | 7     |       |
| NUMBER IN THREE INCH CIRCLE | =      | 9     |       |

4 Jun 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/08636J08

# CENTERFIRE PATTERNS # 3



# OF SHOTS= 10

# IN CIR

1in = 4

2in = 7

3in = 10

HS= 1.971

VS= 1.919

GS= 2.202

CENTROID \*

## PATTERN #

| SHOTS (BEST OF)               | 10     | 9     | 8     |
|-------------------------------|--------|-------|-------|
| MAXIMUM X                     | -.946  | 1.033 | .916  |
| MINIMUM X                     | -1.022 | -.938 | -.766 |
| MAXIMUM Y                     | .957   | .850  | .872  |
| MINIMUM Y                     | -.962  | -.793 | -.771 |
| CENTROID X                    | .004   | -.081 | .036  |
| CENTROID Y                    | .067   | .174  | .152  |
| FOR TO CENTROID in.           | .067   | .192  | .156  |
| MIN RADIUS                    | .180   | .155  | .236  |
| MEAN RADIUS                   | .705   | .638  | .596  |
| MAX RADIUS                    | 1.226  | 1.039 | .941  |
| HORIZONTAL SPREAD             | 1.971  | 1.971 | 1.682 |
| VERTICAL SPREAD               | 1.919  | 1.643 | 1.643 |
| EXTREME SPREAD                | 2.202  | 1.992 | 1.755 |
| NUMBER IN ONE INCH CIRCLE =   |        | 4     |       |
| NUMBER IN TWO INCH CIRCLE =   |        | 7     |       |
| NUMBER IN THREE INCH CIRCLE = |        | 10    |       |

4 Jun 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/CSB35100

# CENTERFIRE PATTERNS

# 4

POA

1 in circle

2 in circle

3 in circle

# OF SHOTS- 10

# IN CIR

1 in = 3

2 in = 4

3 in = 9

HS= 3.014

VS= 2.707

GS= 3.042

CENTROID #

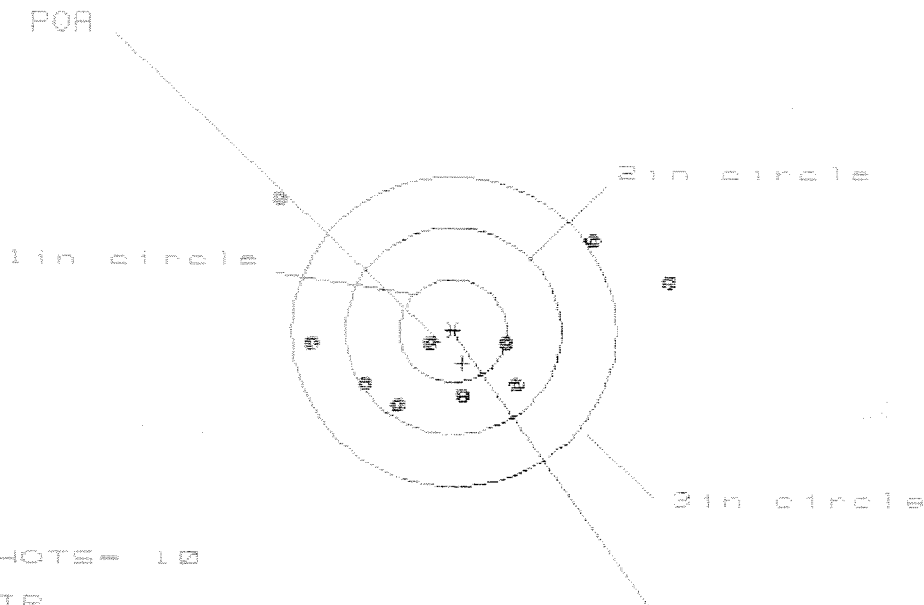
## PATTERN #

| SHOTS (BEST OF)               | 10     | 9      | 8      |
|-------------------------------|--------|--------|--------|
| MAXIMUM X                     | 1.257  | 1.062  | 1.096  |
| MINIMUM X                     | -1.757 | -1.190 | -1.156 |
| MAXIMUM Y                     | 1.298  | 1.368  | 1.201  |
| MINIMUM Y                     | -1.409 | -1.339 | -0.950 |
| CENTROID X                    | .045   | .240   | .206   |
| CENTROID Y                    | .328   | .258   | .425   |
| POA TO CENTROID in.           | .331   | .352   | .472   |
| MIN RADIUS                    | .167   | .320   | .229   |
| MEAN RADIUS                   | 1.014  | .936   | .867   |
| MAX RADIUS                    | 1.867  | 1.431  | 1.496  |
| HORIZONTAL SPREAD             | 3.014  | 2.252  | 2.252  |
| VERTICAL SPREAD               | 2.707  | 2.707  | 2.151  |
| EXTREME SPREAD                | 3.042  | 2.711  | 2.685  |
| NUMBER IN ONE INCH CIRCLE =   |        | 3      |        |
| NUMBER IN TWO INCH CIRCLE =   |        | 4      |        |
| NUMBER IN THREE INCH CIRCLE = |        | 9      |        |

4 Jun 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/C6636108

# CENTERFIRE PATTERNS # 5



\* OF SHOTS= 10

# IN CIR

1 in = 1

2 in = 6

3 in = 7

HS= 3.658

VS= 2.019

GS= 3.758

CENTROID \*

| PATTERN #                   | 1      | 2      | 3      |
|-----------------------------|--------|--------|--------|
| SHOTS (BEST OF)             | 10     | 9      | 8      |
| MAXIMUM X                   | 2.032  | 1.851  | 1.319  |
| MINIMUM X                   | -1.626 | -1.466 | -1.234 |
| MAXIMUM Y                   | 1.309  | 1.066  | 1.140  |
| MINIMUM Y                   | -1.710 | -1.564 | -1.490 |
| CENTROID X                  | -.086  | .095   | -.137  |
| CENTROID Y                  | .314   | .168   | .094   |
| POA TO CENTROID in.         | .325   | .193   | .166   |
| MIN RADIUS                  | .227   | .338   | .176   |
| MEAN RADIUS                 | 1.100  | .967   | .802   |
| MAX RADIUS                  | 2.088  | 1.944  | 1.743  |
| HORIZONTAL SPREAD           | 3.658  | 3.317  | 2.553  |
| VERTICAL SPREAD             | 2.019  | 1.630  | 1.630  |
| EXTREME SPREAD              | 3.758  | 3.359  | 2.742  |
| NUMBER IN ONE INCH CIRCLE   | = 1    |        |        |
| NUMBER IN TWO INCH CIRCLE   | = 6    |        |        |
| NUMBER IN THREE INCH CIRCLE | = 7    |        |        |

# INTERCHANGEABILITY

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # C6636100  
17 Jun 1991

## CENTROIDAL DISTANCES

|      |   |          |
|------|---|----------|
| 0 TO | 1 | .264327  |
| 1 TO | 2 | .159524  |
| 1 TO | 3 | .0978008 |
| 1 TO | 4 | .207966  |
| 1 TO | 5 | .247051  |

14.5  
4T

-----POA

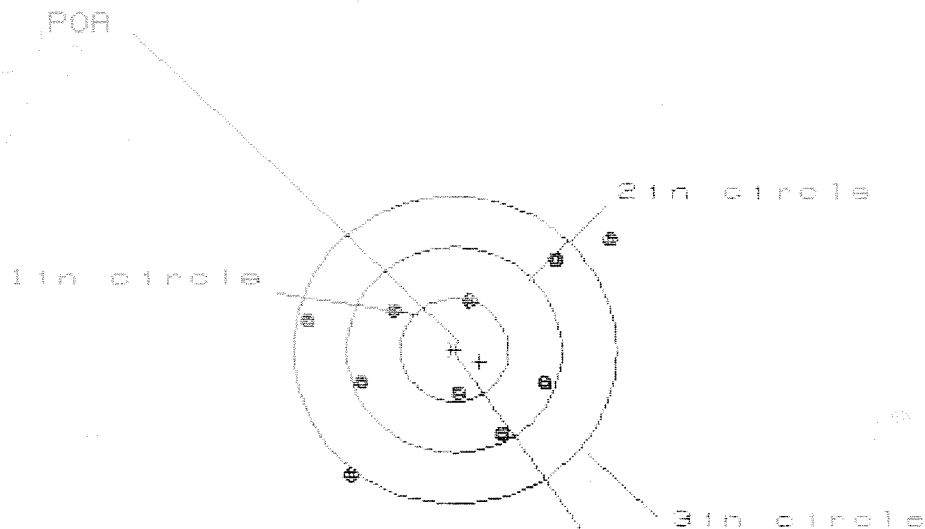
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.2712  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1172  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .295441

THE AMR FOR THIS RIFLE IS: .8978

12 Jun 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/C8835108.1

# CENTERFIRE PATTERNS # 1



# OF SHOTS= 10

# IN CIR

1in = 2

2in = 6

3in = 8

HS= 2.804

VS= 2.317

GS= 3.270

CENTROID #

PATTERN #



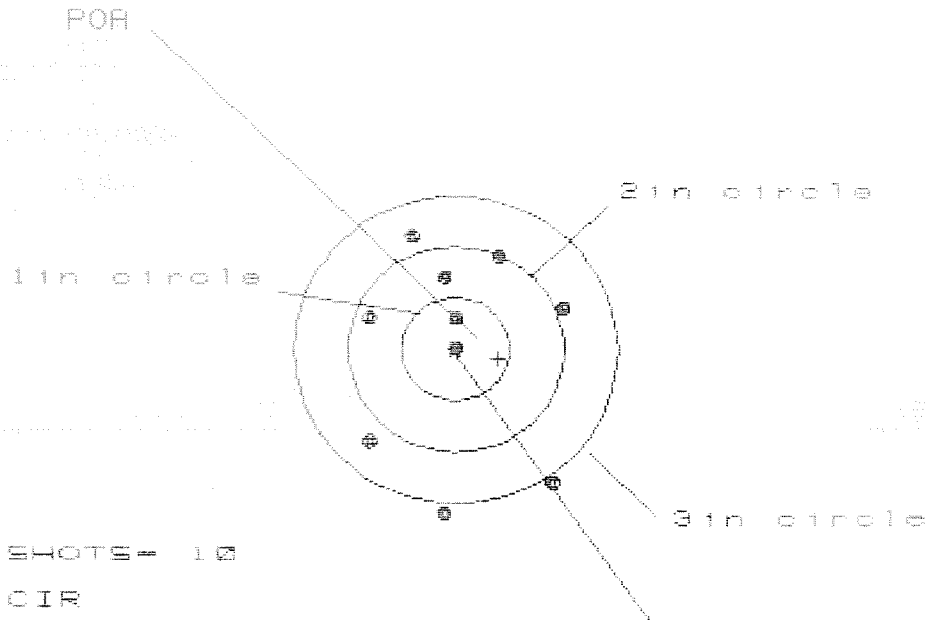
| SHOTS (BEST DF)             | 10     | 9      | 8      |
|-----------------------------|--------|--------|--------|
| MAXIMUM X                   | 1.395  | 1.073  | .978   |
| MINIMUM X                   | -1.409 | -1.254 | -1.349 |
| MAXIMUM Y                   | 1.092  | .995   | .857   |
| MINIMUM Y                   | -1.225 | -1.104 | -.829  |
| CENTROID X                  | -.238  | -.393  | -.298  |
| CENTROID Y                  | .115   | -.006  | .132   |
| POA TO CENTROID in.         | .264   | .393   | .326   |
| MIN RADIUS                  | .455   | .401   | .485   |
| MEAN RADIUS                 | 1.034  | .939   | .881   |
| MAX RADIUS                  | 1.771  | 1.463  | 1.383  |
| HORIZONTAL SPREAD           | 2.804  | 2.327  | 2.327  |
| VERTICAL SPREAD             | 2.317  | 2.099  | 1.686  |
| EXTREME SPREAD              | 3.270  | 2.785  | 2.392  |
| NUMBER IN ONE INCH CIRCLE   | =      | 2      |        |
| NUMBER IN TWO INCH CIRCLE   | =      | 6      |        |
| NUMBER IN THREE INCH CIRCLE | =      | 8      |        |

17 Jun 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/C8636108.1

# CENTERFIRE PATTERNS

# 2



# OF SHOTS = 10

# IN CIR

1in = 2

2in = 4

3in = 8

HS = 1.782

VS = 2.747

GS = 2.788

CENTROID #

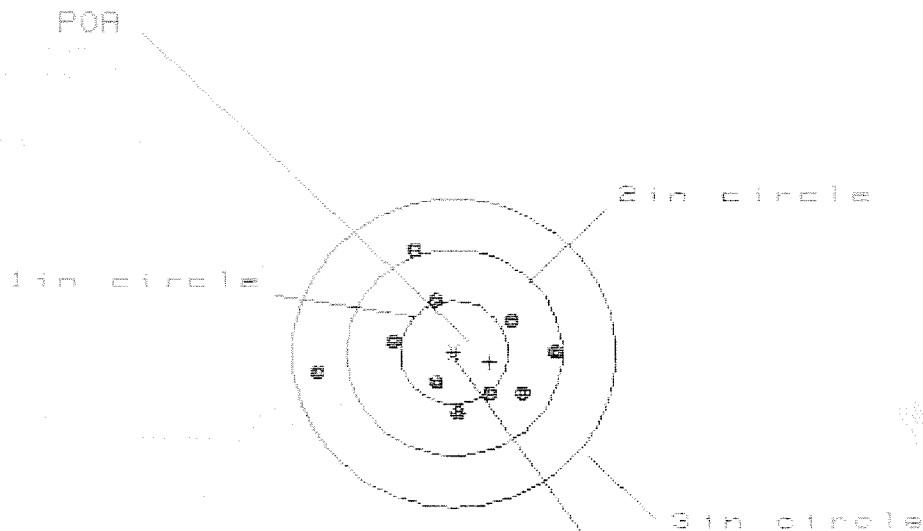
## PATTERN #

| SHOTS (BEST OF)               | 10     | 9      | 8      |
|-------------------------------|--------|--------|--------|
| MAXIMUM X                     | .964   | .948   | 1.060  |
| MINIMUM X                     | -.818  | -.834  | -.722  |
| MAXIMUM Y                     | 1.138  | .959   | .773   |
| MINIMUM Y                     | -1.609 | -1.490 | -1.227 |
| CENTROID X                    | -.396  | -.388  | -.492  |
| CENTROID Y                    | .093   | .272   | .459   |
| POB TO CENTROID in.           | .487   | .467   | .672   |
| MIN RADIUS                    | .059   | .125   | .099   |
| MEAN RADIUS                   | .954   | .835   | .687   |
| MAX RADIUS                    | 1.616  | 1.740  | 1.392  |
| HORIZONTAL SPREAD             | 1.782  | 1.782  | 1.782  |
| VERTICAL SPREAD               | 2.747  | 2.449  | 1.999  |
| EXTREME SPREAD                | 2.788  | 2.788  | 2.134  |
| NUMBER IN ONE INCH CIRCLE =   | 2      |        |        |
| NUMBER IN TWO INCH CIRCLE =   |        | 4      |        |
| NUMBER IN THREE INCH CIRCLE = |        |        | 8      |

17 Jun 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/C8636100.1

# CENTERFIRE PATTERNS # 3



# OF SHOTS= 10

# IN CIR

1in = 1

2in = 8

3in = 10

HS= 2.216

VS= 1.554

GS= 2.222

CENTROID #

PATTERN #

3

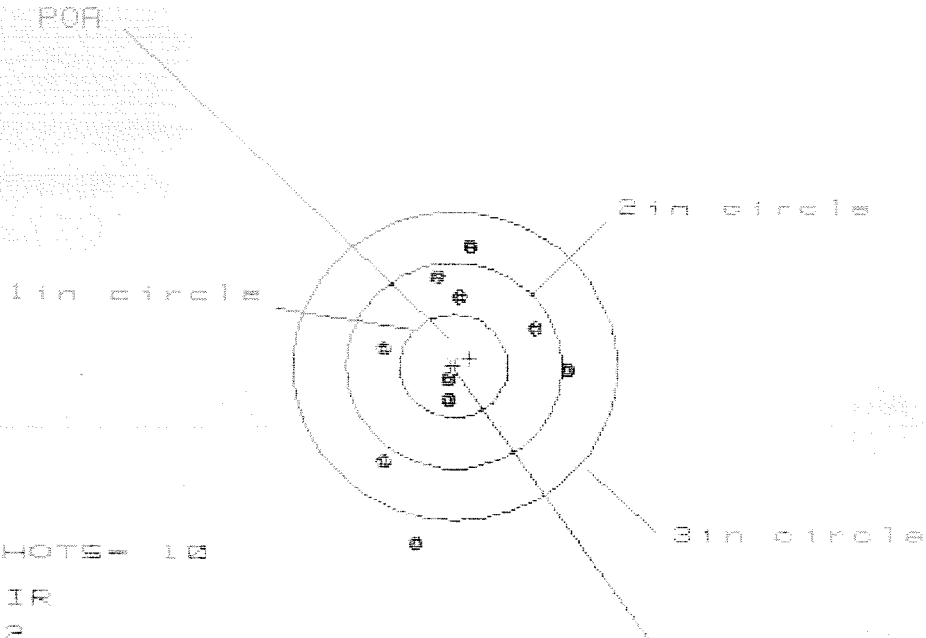
| SHOTS (BEST OF)               | 10     | 9     | 8     |
|-------------------------------|--------|-------|-------|
| MAXIMUM X                     | .945   | .804  | .740  |
| MINIMUM X                     | -1.271 | -.667 | -.731 |
| MAXIMUM Y                     | 1.008  | .985  | .591  |
| MINIMUM Y                     | -.546  | -.569 | -.445 |
| CENTROID X                    | -.332  | -.191 | -.127 |
| CENTROID Y                    | .088   | .111  | -.013 |
| POA TO CENTROID in.           | .344   | .221  | .128  |
| MIN RADIUS                    | .382   | .464  | .331  |
| MEAN RADIUS                   | .715   | .641  | .558  |
| MAX RADIUS                    | 1.287  | 1.110 | .771  |
| HORIZONTAL SPREAD             | 2.216  | 1.471 | 1.471 |
| VERTICAL SPREAD               | 1.554  | 1.554 | 1.036 |
| EXTREME SPREAD                | 2.222  | 1.719 | 1.482 |
| NUMBER IN ONE INCH CIRCLE =   | 1      |       |       |
| NUMBER IN TWO INCH CIRCLE =   | 8      |       |       |
| NUMBER IN THREE INCH CIRCLE = | 10     |       |       |

17 Jun 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/C8636188.1

# CENTERFIRE PATTERNS

# 4



# OF SHOTS- 10

# IN CIR

1 in = 2

2 in = 6

3 in = 9

HS= 1.771

VS= 2.954

GS= 2.999

CENTROID \*

PATTERN #

4

| SHOTS (BEST OF)               | 10     | 9      | 8      |
|-------------------------------|--------|--------|--------|
| MAXIMUM X                     | 1.090  | 1.047  | 1.059  |
| MINIMUM X                     | -.681  | -.724  | -.712  |
| MAXIMUM Y                     | 1.188  | .991   | .838   |
| MINIMUM Y                     | -1.766 | -1.144 | -1.020 |
| CENTROID X                    | -.147  | -.104  | -.116  |
| CENTROID Y                    | -.072  | .124   | -.000  |
| POA TO CENTROID IN.           | .164   | .162   | .116   |
| MIN RADIUS                    | .147   | .348   | .225   |
| MEAN RADIUS                   | .884   | .773   | .734   |
| MAX RADIUS                    | 1.807  | 1.337  | 1.226  |
| HORIZONTAL SPREAD             | 1.771  | 1.771  | 1.771  |
| VERTICAL SPREAD               | 2.954  | 2.135  | 1.858  |
| EXTREME SPREAD                | 2.999  | 2.275  | 1.949  |
| NUMBER IN ONE INCH CIRCLE =   |        | 2      |        |
| NUMBER IN TWO INCH CIRCLE =   |        | 6      |        |
| NUMBER IN THREE INCH CIRCLE = |        | 9      |        |

17 Jan 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/C6635108.1

# CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

# OF SHOTS- 10

# IN CIR

1in = 2

2in = 5

3in = 10

HS= 1.971

VS= 2.123

GS= 2.503

CENTROID \*

PATTERN #

SHOTS (BEST OF)

|                               | 10    | 9      | 8     |
|-------------------------------|-------|--------|-------|
| MAXIMUM X                     | 1.021 | .939   | 1.036 |
| MINIMUM X                     | -.950 | -1.032 | -.935 |
| MAXIMUM Y                     | 1.266 | 1.051  | .847  |
| MINIMUM Y                     | -.857 | -.716  | -.585 |
| CENTROID X                    | -.243 | -.161  | -.258 |
| CENTROID Y                    | .362  | .221   | .090  |
| POA TO CENTROID in.           | .435  | .273   | .273  |
| MIN RADIUS                    | .369  | .265   | .102  |
| MEAN RADIUS                   | .902  | .816   | .714  |
| MAX RADIUS                    | 1.466 | 1.306  | 1.064 |
| HORIZONTAL SPREAD             | 1.971 | 1.971  | 1.971 |
| VERTICAL SPREAD               | 2.123 | 1.767  | 1.431 |
| EXTREME SPREAD                | 2.503 | 2.382  | 1.975 |
| NUMBER IN ONE INCH CIRCLE =   |       | 2      |       |
| NUMBER IN TWO INCH CIRCLE =   |       | 6      |       |
| NUMBER IN THREE INCH CIRCLE = |       | 10     |       |