

C6649298

MODEL 700™ M24

Model SMS™

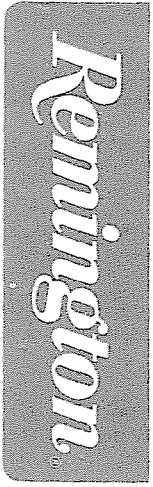
Action

Barrel Length

Capacity

Order No. 5716

\* Includes 1 in chamber.



**Remington®**



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

**MODEL 700™ H24**

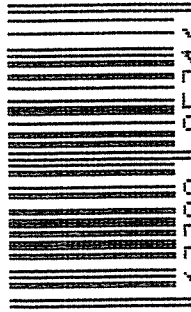
**20**

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



5716 C6649298

**LPC**



0 47700 25716 2

**SERIAL NO.**  
**C6649298**

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

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6649298

| OP. #        | OP. NAME                                                       | READINGS | DATE    | INIT |
|--------------|----------------------------------------------------------------|----------|---------|------|
| 575 &<br>580 | Assemble Action<br>and Stock                                   | 6 27     | 9 1     | RW   |
| 600          | Proof                                                          | 6 27     | 9 1     | RW   |
| 607          | Check Headspace                                                | 6 27     | 9 1     | RW   |
| 610          | Dis-assemble Gun                                               | 6 27     | 9 1     | RW   |
| 612          | Magnaflux Barrel<br>Action                                     | JUL      | 2 1991  | KR   |
|              | Magnaflux Bolt                                                 | JUL      | 2 1991  | KR   |
| 615          | Rollmark Caliber                                               | JUL      | 2 1991  | GB   |
| 617          | Drill and Tap Sight Holes                                      | JUL      | 2 1991  | LB   |
| 618          | Polish Barrel                                                  | JUL 1    | 7 1991  | WB   |
| 620          | Apply Coatings<br>(Barrel Action)                              |          | 7/22/91 | JA   |
|              | Apply Coating (Bolt)                                           |          |         | JA   |
| 625          | Final Assembly<br>A) Clean inside of<br>Bolt Assembly          |          | 7/23/91 | RW   |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |          | 7/23/91 | RW   |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |          | 7/23/91 | RW   |
|              | D) Oil Firing Pin Ass'y                                        |          | 7/23/91 | RW   |
|              | E) Adjust Trigger Pull to<br>Min Setting and Stake             |          | 8-1-91  | M    |

| op. #        | OP. NAME                                                    | READINGS |      |      |      |      | DATE    | INIT |
|--------------|-------------------------------------------------------------|----------|------|------|------|------|---------|------|
| 625<br>cont. | F) Safety On Force                                          | 6        | 6    | 6    |      |      | 8-1-91  | JS   |
|              | G) Safety Off Force                                         | 5        | 5    | 5    |      |      | 8-1-91  | JS   |
|              | H) Trigger Pull Test & Retainability                        |          |      |      |      |      | 8-1-91  | JS   |
|              | I) Firing Pin Indent                                        | 1020     | 1020 | 1020 |      |      | 8-1-91  | JS   |
|              | J) Assemble Stock                                           |          |      |      |      |      | 8/2/91  | RW   |
|              | K) Assemble Swivel Studs                                    |          |      |      |      |      | 8-6-91  | AC   |
|              | L) Attach Front and Rear Sight Assemblies                   |          |      |      |      |      | 8/2/91  | RW   |
|              | M) Iron Sight Alignment                                     |          |      |      |      |      | 8/2/91  | RW   |
|              | N) Detach Front & Rear Sights & place in numbered container |          |      |      |      |      | 8/2/91  | RW   |
|              | O) Attach Scope to Rifle                                    |          |      |      |      |      | 8/2/91  | RW   |
|              | P) Detach & Attach Scope 20 Times                           |          |      |      |      |      | 8/2/91  | RW   |
| 640          | Gallery Target & Test                                       |          |      |      |      |      | 8-2-91  | NF   |
|              | A) Time                                                     |          |      |      |      |      | "       | NF   |
|              | B) Malfunctions                                             |          |      |      |      |      | "       | NF   |
|              | C) Pierced Primers                                          |          |      |      |      |      | "       | NF   |
|              | D) Optical Clarity of Scope                                 |          |      |      |      |      | "       | NF   |
| 645          | Inspect for Live Ammo                                       |          |      |      |      |      | 8-2-91  | NF   |
| 655          | Final Inspection                                            |          |      |      |      |      |         |      |
|              | A) Headspace                                                |          |      |      |      |      | 8-6-91  | AC   |
|              | B) Trigger Pull                                             | 2.32     | 2.32 | 2.31 | 2.42 | 2.43 | 8-6-91  | JS   |
|              | C) Function                                                 |          |      |      |      |      | 8-6-91  | AC   |
| 660          | Pack                                                        |          |      |      |      |      | 9-19-91 | NF   |

SWS TRIGGER PULL TEST

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

SERIAL NO. C-6649298  
DATE 8-1-91  
TESTER JH

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |      | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|------|------------------------------------------------------------------------|
| PULL #1 | 2.43             | 2.30                     | 2.49                           | 2.32 | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.22             | 2.28                     | 2.53                           | 2.32 |                                                                        |
| PULL #3 | 2.30             | 2.20                     | 2.55                           | 2.31 |                                                                        |
| PULL #4 | 2.29             | 2.54                     | 2.48                           | 2.42 |                                                                        |
| PULL #5 | 2.29             | 2.51                     | 2.50                           | 2.43 |                                                                        |
| TOTAL   |                  |                          |                                |      |                                                                        |
| AVG.    |                  |                          |                                |      |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.54             | 3.53                     |  |          |
| PULL #2 | 3.54             | 3.48                     |  |          |
| PULL #3 | 3.59             | 3.39                     |  |          |
| PULL #4 | 3.54             | 3.58                     |  |          |
| PULL #5 | 3.60             | 3.45                     |  |          |
| 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 | 4.60             | 4.42                     |                                | 4.53                                 |
| PULL #2 | 4.55             | 4.57                     |                                | 4.37                                 |
| PULL #3 | 4.57             | 4.61                     |                                | 4.55                                 |
| PULL #4 | 4.54             | 4.61                     |                                | 4.53                                 |
| PULL #5 | 4.48             | 4.65                     |                                | 4.35                                 |
| TOTAL   |                  |                          |                                |                                      |
| AVG.    |                  |                          |                                |                                      |

## CENTROIDAL DISTANCES

```
0 TO 1 .289871
1 TO 2 .140118
1 TO 3 .671763
1 TO 4 .423821
1 TO 5 .563647
```

2-10 C-1-1-FOA

**CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER**

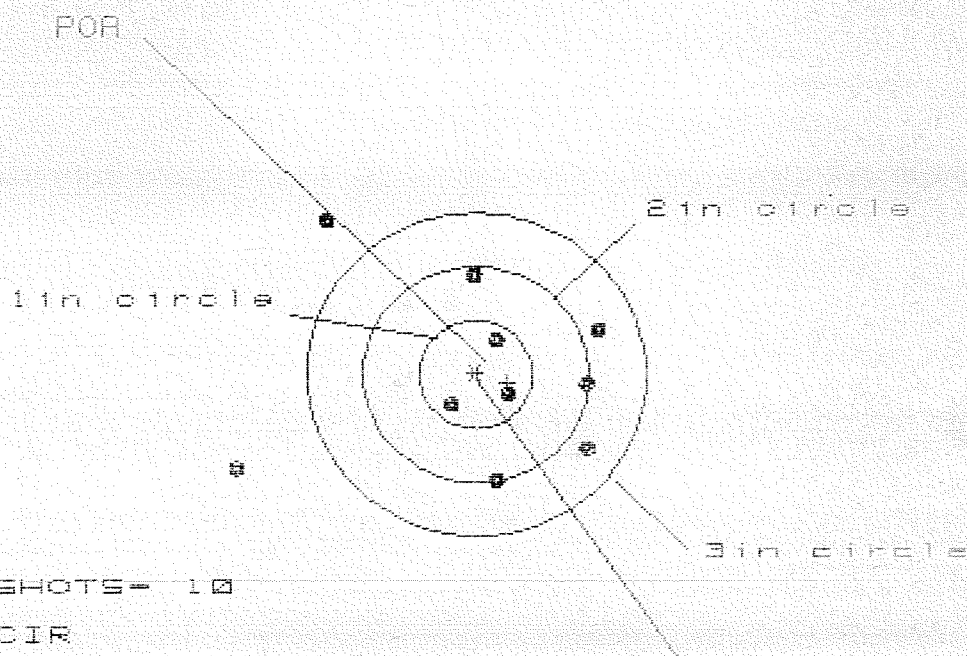
**M2400067512**

2 Aug 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/C6649290

# CENTERFIRE PATTERNS

# 1



# OF SHOTS = 10

# IN CIR

1in = 3

2in = 6

3in = 8

HS = 3.180

VS = 2.393

GS = 3.407

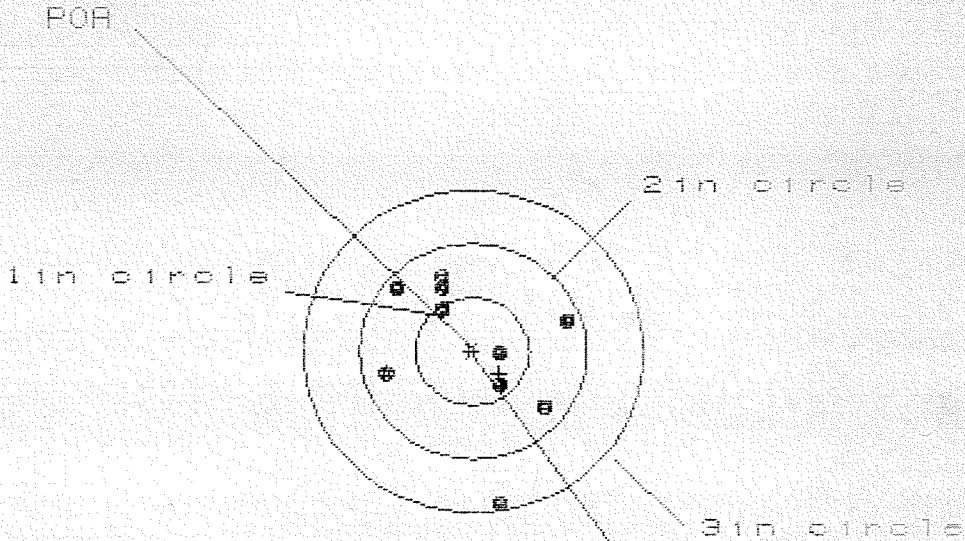
CENTROID \*

|                             |   |        |        |       |
|-----------------------------|---|--------|--------|-------|
| PATTERN #                   | : | 1      |        |       |
| SHOTS (BEST OF)             | : | 10     | 9      | 8     |
| MAXIMUM X                   | : | 1.072  | .838   | .646  |
| MINIMUM X                   | : | -2.108 | -1.537 | -.620 |
| MAXIMUM Y                   | : | 1.423  | 1.329  | 1.010 |
| MINIMUM Y                   | : | -.971  | -1.064 | -.898 |
| CENTROID X                  | : | -.280  | -.046  | .146  |
| CENTROID Y                  | : | .075   | .169   | .003  |
| POA TO CENTROID in.         | : | .290   | .175   | .147  |
| MIN RADIUS                  | : | .292   | .223   | .221  |
| MEAN RADIUS                 | : | 1.041  | .861   | .689  |
| MAX RADIUS                  | : | 2.271  | 2.032  | 1.097 |
| HORIZONTAL SPREAD           | : | 3.180  | 2.375  | 1.266 |
| VERTICAL SPREAD             | : | 2.393  | 2.393  | 1.908 |
| EXTREME SPREAD              | : | 3.407  | 3.135  | 1.931 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 3      |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 6      |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 8      |       |

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# CENTERFIRE PATTERNS # 2



# OF SHOTS- 10

# IN CIR

1 in = 3

2 in = 9

3 in = 10

HS= 1.564

VS= 2.168

GS= 2.241

|                             |   |        |       |       |
|-----------------------------|---|--------|-------|-------|
| PATTERN #                   | : | 2      |       |       |
| SHOTS (BEST OF)             | : | 10     | 9     | 8     |
| MAXIMUM X                   | : | .807   | .836  | .751  |
| MINIMUM X                   | : | -.757  | -.728 | -.813 |
| MAXIMUM Y                   | : | .721   | .560  | .612  |
| MINIMUM Y                   | : | -1.447 | -.713 | -.661 |
| CENTROID X                  | : | -.233  | -.262 | -.177 |
| CENTROID Y                  | : | .207   | .368  | .316  |
| POA TO CENTROID in.         | : | .312   | .452  | .362  |
| MIN RADIUS                  | : | .265   | .277  | .232  |
| MEAN RADIUS                 | : | .731   | .626  | .601  |
| MAX RADIUS                  | : | 1.470  | .967  | .879  |
| HORIZONTAL SPREAD           | : | 1.564  | 1.564 | 1.564 |
| VERTICAL SPREAD             | : | 2.168  | 1.273 | 1.273 |
| EXTREME SPREAD              | : | 2.241  | 1.744 | 1.643 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 3     |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 9     |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 10    |       |

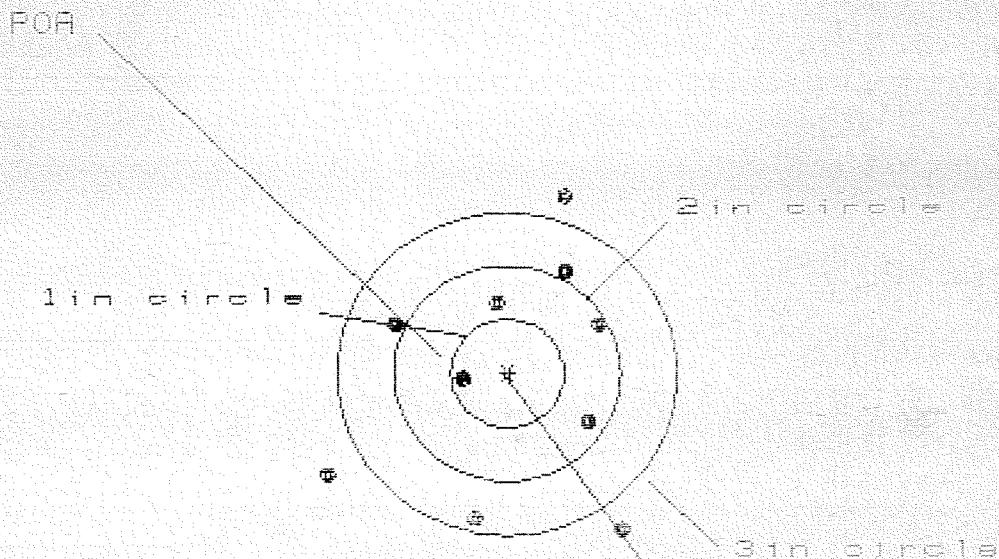


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# CENTERFIRE PATTERNS

# 3



# OF SHOTS = 10

# IN CIR

1 in = 1

2 in = 4

3 in = 7

HS = 3.559

VS = 3.118

GS = 3.351

PATTERN #

3

SHOTS (BEST OF)

10

9

8

MAXIMUM X : .970

.793

.830

MINIMUM X : -1.589

-1.176

-1.139

MAXIMUM Y : 1.701

1.596

1.036

MINIMUM Y : -1.417

-1.522

-1.323

CENTROID X : .391

.568

.531

CENTROID Y : .043

.148

-.051

POA TO CENTROID in. : .394

.587

.534

MIN RADIUS : .433

.596

.576

MEAN RADIUS : 1.161

1.068

1.003

MAX RADIUS : 1.849

1.717

1.562

HORIZONTAL SPREAD : 2.559

1.969

1.969

VERTICAL SPREAD : 3.118

3.118

2.359

EXTREME SPREAD : 3.351

3.158

2.733

NUMBER IN ONE INCH CIRCLE =

1

NUMBER IN TWO INCH CIRCLE =

4

NUMBER IN THREE INCH CIRCLE =

7

2 Aug 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/06649290

# CENTERFIRE PATTERNS

# 4

POA

1in circle

2in circle

3in circle

# OF SHOTS = 10

# IN CIR

1in = 1

2in = 8

3in = 9

HS = 2.934

VS = 1.382

GS = 2.950

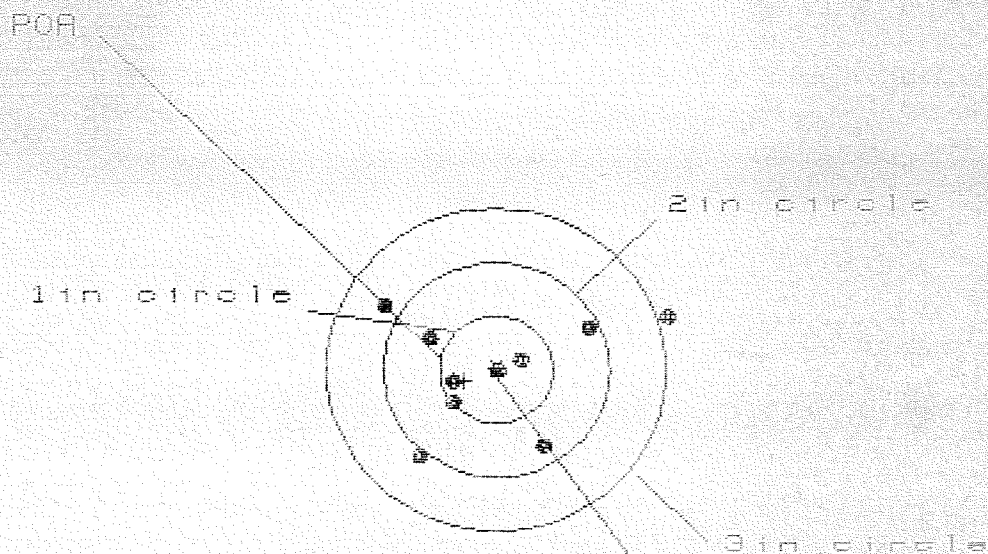
CENTROID \*

| PATTERN #                     | 4      |        |       |
|-------------------------------|--------|--------|-------|
| SHOTS (BEST OF)               | 10     | 9      | 8     |
| MAXIMUM X                     | 1.691  | .750   | .618  |
| MINIMUM X                     | -1.243 | -1.055 | -.613 |
| MAXIMUM Y                     | .655   | .724   | .772  |
| MINIMUM Y                     | -.727  | -.658  | -.610 |
| CENTROID X                    | .138   | -.050  | .082  |
| CENTROID Y                    | .145   | .076   | .028  |
| POA TO CENTROID in.           | .200   | .091   | .086  |
| MIN RADIUS                    | .485   | .430   | .397  |
| MEAN RADIUS                   | .849   | .717   | .657  |
| MAX RADIUS                    | 1.803  | 1.123  | .889  |
| HORIZONTAL SPREAD             | 2.934  | 1.805  | 1.231 |
| VERTICAL SPREAD               | 1.382  | 1.382  | 1.382 |
| EXTREME SPREAD                | 2.950  | 1.831  | 1.595 |
| NUMBER IN ONE INCH CIRCLE =   |        | 1      |       |
| NUMBER IN TWO INCH CIRCLE =   |        | 8      |       |
| NUMBER IN THREE INCH CIRCLE = |        | 9      |       |

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# CENTERFIRE PATTERNS # 5



# OF SHOTS- 10

# IN CIR

1in = 4

2in = 7

3in = 9

HS= 2.566

VS= 1.442

GS= 2.596

CENTROID #

|                               |   |        |       |       |
|-------------------------------|---|--------|-------|-------|
| PATTERN #                     | : | 5      |       |       |
| SHOTS (BEST OF)               | : | 10     | 9     | 8     |
| MAXIMUM X                     | : | 1.540  | .985  | .878  |
| MINIMUM X                     | : | -1.026 | -.855 | -.624 |
| MAXIMUM Y                     | : | .629   | .686  | .508  |
| MINIMUM Y                     | : | -.813  | -.756 | -.670 |
| CENTROID X                    | : | .283   | .112  | .219  |
| CENTROID Y                    | : | .102   | .045  | -.041 |
| POA TO CENTROID in.           | : | .301   | .121  | .223  |
| MIN RADIUS                    | : | .071   | .249  | .221  |
| MEAN RADIUS                   | : | .748   | .636  | .578  |
| MAX RADIUS                    | : | 1.625  | 1.096 | 1.015 |
| HORIZONTAL SPREAD             | : | 2.566  | 1.840 | 1.502 |
| VERTICAL SPREAD               | : | 1.442  | 1.442 | 1.178 |
| EXTREME SPREAD                | : | 2.596  | 1.949 | 1.909 |
| NUMBER IN ONE INCH CIRCLE =   |   |        | 4     |       |
| NUMBER IN TWO INCH CIRCLE =   |   |        | 7     |       |
| NUMBER IN THREE INCH CIRCLE = |   |        | 9     |       |