

C6649243

MODEL 700™ M24

Model SWS™

Action

Barrel Length

Capacity

Order No. 5715

\*Includes 1 in chamber.

*Remington*

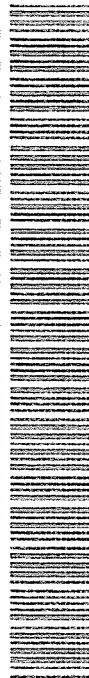
**Remington®**  REG. U.S. PAT. & TM. OFF.

**MODEL 700™** **N24**

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

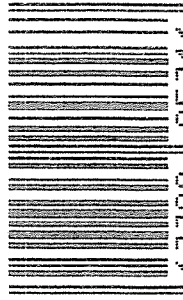
VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.

|                               |                          |
|-------------------------------|--------------------------|
| <b>SERIAL NO.</b><br>06649243 | <b>ORDER NO.</b><br>5716 |
|-------------------------------|--------------------------|



5716 06649243

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6649243

| 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  | LS   |
| 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 | DA   |
|              | Apply Coating (Bolt)                                           |          |         |      |
| 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             |          | 8-7-91  | DH   |

| op. #        | OP. NAME                                                    | READINGS |      |       |      |      | DATE    | INIT |
|--------------|-------------------------------------------------------------|----------|------|-------|------|------|---------|------|
| 625<br>cont. | F) Safety On Force                                          | 6        | 6    | 6 1/4 |      |      | 8-7-91  | DH   |
|              | G) Safety Off Force                                         | 3        | 3    | 3     |      |      | 8-7-91  | DH   |
|              | H) Trigger Pull Test & Retainability                        |          |      |       |      |      | 8-7-91  | DH   |
|              | I) Firing Pin Indent                                        | .020     | .020 | .020  |      |      | 8-7-91  | DH   |
|              | J) Assemble Stock                                           |          |      |       |      |      | 8/20/91 | RW   |
|              | K) Assemble Swivel Studs                                    |          |      |       |      |      | 8-13-91 | DH   |
|              | L) Attach Front and Rear Sight Assemblies                   |          |      |       |      |      | 8/10/91 | RW   |
|              | M) Iron Sight Alignment                                     |          |      |       |      |      | 8/10/91 | RW   |
|              | N) Detach Front & Rear Sights & place in numbered container |          |      |       |      |      | 8/10/91 | RW   |
|              | O) Attach Scope to Rifle                                    |          |      |       |      |      | 8/10/91 | RW   |
|              | P) Detach & Attach Scope 20 Times                           |          |      |       |      |      | 8/10/91 | RW   |
| 640          | Gallery Target & Test                                       |          |      |       |      |      | 8-12-91 | DH   |
|              | A) Time                                                     |          |      |       |      |      | 8-12-91 | DH   |
|              | B) Malfunctions                                             |          |      |       |      |      | 8-12-91 | DH   |
|              | C) Pierced Primers                                          |          |      |       |      |      | 8-12-91 | DH   |
|              | D) Optical Clarity of Scope                                 |          |      |       |      |      | 8-12-91 | DH   |
| 645          | Inspect for Live Ammo                                       |          |      |       |      |      | 8-12-91 | DH   |
| 655          | Final Inspection                                            |          |      |       |      |      | 8-13-91 | DH   |
|              | A) Headspace                                                |          |      |       |      |      | 8-13-91 | DH   |
|              | B) Trigger Pull                                             | 2.61     | 2.69 | 2.70  | 2.70 | 2.63 | 8-13-91 | JR   |
|              | C) Function                                                 |          |      |       |      |      | 8-13-91 | DH   |
| 660          | Pack                                                        |          |      |       |      |      |         |      |

SWS TRIGGER PULL TEST

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

SERIAL NO. C66 49743

DATE 8-7-91

TESTER DH

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |      | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|------|------------------------------------------------------------------------|
| PULL #1 | 2.60             | 2.60                     | 2.49                           | 2.61 | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.67             | 2.67                     | 2.70                           | 2.69 |                                                                        |
| PULL #3 | 2.62             | 2.53                     | 2.67                           | 2.70 |                                                                        |
| PULL #4 | 2.61             | 2.54                     | 2.70                           | 2.70 |                                                                        |
| PULL #5 | 2.62             | 2.51                     | 2.77                           | 2.63 |                                                                        |
| TOTAL   |                  |                          |                                |      |                                                                        |
| AVG.    |                  |                          |                                |      |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.35             | 3.27                     |  |          |
| PULL #2 | 3.25             | 3.28                     |  |          |
| PULL #3 | 3.31             | 3.28                     |  |          |
| PULL #4 | 3.28             | 3.23                     |  |          |
| PULL #5 | 3.30             | 3.26                     |  |          |
| 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 | 4.20             | 4.61                     |                                | 4.07                                 |
| PULL #2 | 4.26             | 4.25                     |                                | 4.20                                 |
| PULL #3 | 4.29             | 4.17                     |                                | 4.16                                 |
| PULL #4 | 4.30             | 4.25                     |                                | 4.06                                 |
| PULL #5 | 4.28             | 4.25                     |                                | 4.02                                 |
| TOTAL   |                  |                          |                                |                                      |
| AVG.    |                  |                          |                                |                                      |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # C6649243  
12 Aug 1991

CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | .195602 |
| 1 TO | 2 | .614539 |
| 1 TO | 3 | .873403 |
| 1 TO | 4 | .424672 |
| 1 TO | 5 | .374995 |

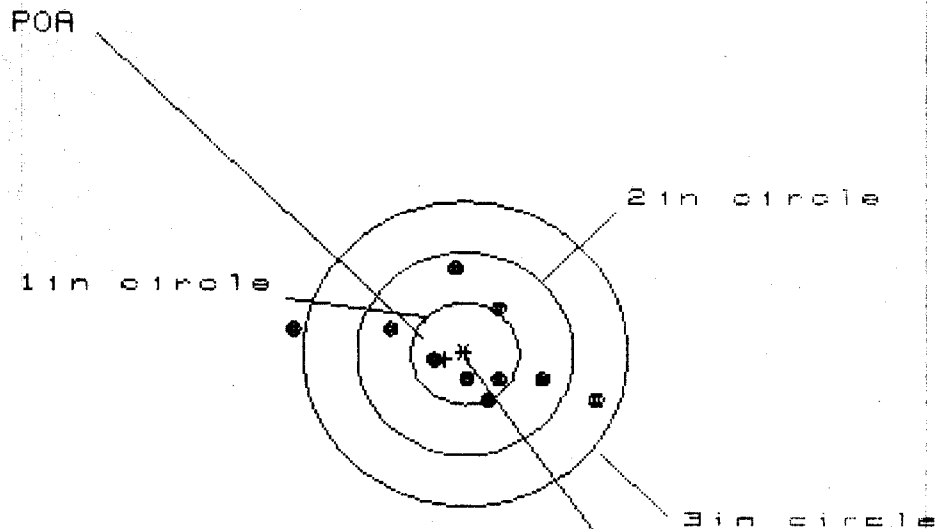
$\begin{matrix} 2 \\ 1 \\ 3 \end{matrix} \begin{matrix} 4 \\ 1 \\ 3 \end{matrix} \leftarrow \text{POA}$

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.051  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1174  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .127999  
THE AMR FOR THIS RIFLE IS: .9674

12 Aug 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/C6649243

# CENTERFIRE PATTERNS # 1



# OF SHOTS- 10

# IN CIR

1in - 4

2in - 8

3in - 9

HS- 2.808

VS- 1.331

GS- 2.889

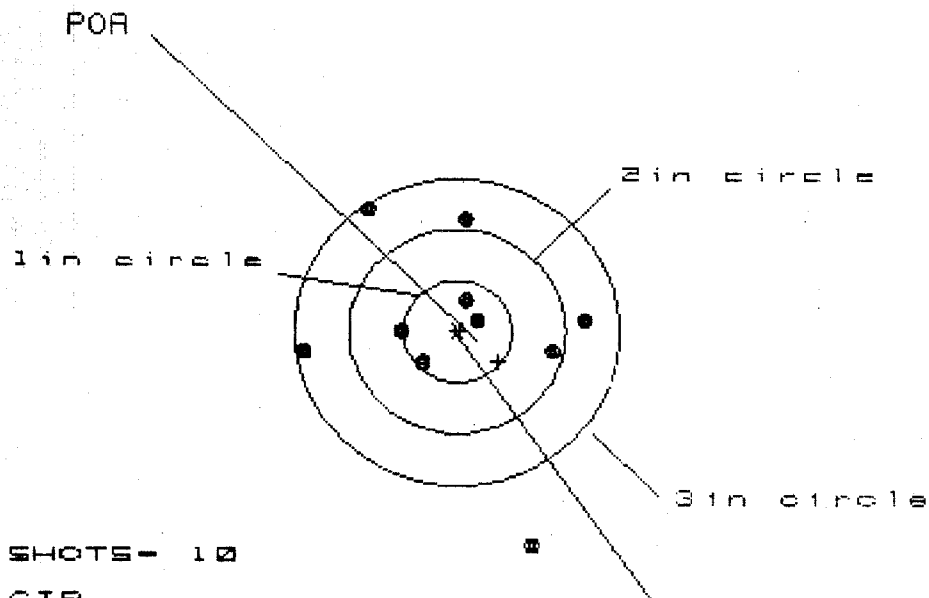
CENTROID \*

| PATTERN #                   | : |        |       |       |
|-----------------------------|---|--------|-------|-------|
| SHOTS (BEST OF)             | : | 10     | 9     | 8     |
| MAXIMUM X                   | : | 1.240  | 1.066 | .659  |
| MINIMUM X                   | : | -1.568 | -.854 | -.721 |
| MAXIMUM Y                   | : | .853   | .875  | .818  |
| MINIMUM Y                   | : | -.478  | -.456 | -.475 |
| CENTROID X                  | : | .188   | .362  | .229  |
| CENTROID Y                  | : | .054   | .032  | .089  |
| POA TO CENTROID in.         | : | .195   | .363  | .245  |
| MIN RADIUS                  | : | .247   | .213  | .284  |
| MEAN RADIUS                 | : | .720   | .609  | .540  |
| MAX RADIUS                  | : | 1.581  | 1.159 | .836  |
| HORIZONTAL SPREAD           | : | 2.808  | 1.920 | 1.380 |
| VERTICAL SPREAD             | : | 1.331  | 1.331 | 1.293 |
| EXTREME SPREAD              | : | 2.889  | 2.040 | 1.461 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 4     |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 8     |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 9     |       |

12 Aug 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/C6649243

# CENTERFIRE PATTERNS # 2



# OF SHOTS - 10

# IN CIR

1in = 3

2in = 5

3in = 9

HS = 2.663

VS = 3.231

GS = 3.566

CENTROID \*

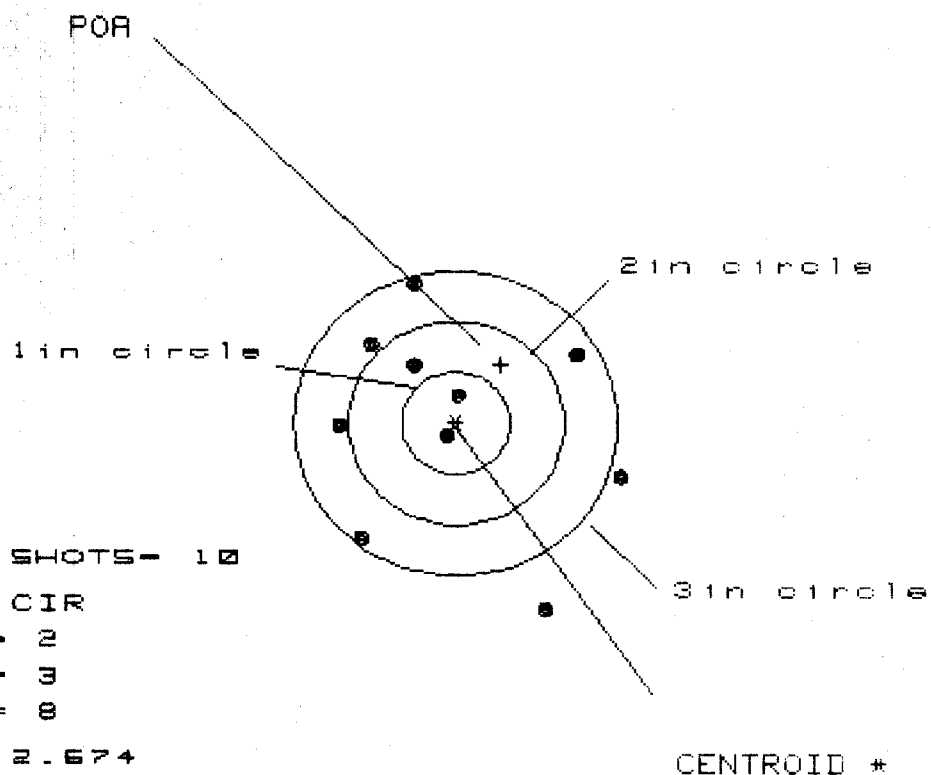
| PATTERN #                     | : | 10     | 9      | 8     |
|-------------------------------|---|--------|--------|-------|
| SHOTS (BEST OF)               | : | 10     | 9      | 8     |
| MAXIMUM X                     | : | 1.222  | 1.302  | 1.132 |
| MINIMUM X                     | : | -1.441 | -1.361 | -.876 |
| MAXIMUM Y                     | : | 1.186  | .958   | .906  |
| MINIMUM Y                     | : | -2.045 | -.558  | -.610 |
| CENTROID X                    | : | -.379  | -.459  | -.289 |
| CENTROID Y                    | : | .291   | .519   | .571  |
| POR TO CENTROID in.           | : | .478   | .693   | .640  |
| MIN RADIUS                    | : | .217   | .203   | .031  |
| MEAN RADIUS                   | : | .975   | .821   | .715  |
| MAX RADIUS                    | : | 2.170  | 1.423  | 1.260 |
| HORIZONTAL SPREAD             | : | 2.663  | 2.663  | 2.008 |
| VERTICAL SPREAD               | : | 3.231  | 1.516  | 1.516 |
| EXTREME SPREAD                | : | 3.566  | 2.680  | 2.277 |
| NUMBER IN ONE INCH CIRCLE =   | : | 3      | 5      | 9     |
| NUMBER IN TWO INCH CIRCLE =   | : | 5      | 5      | 9     |
| NUMBER IN THREE INCH CIRCLE = | : | 9      | 5      | 9     |



12 Aug 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/C6649243

# CENTERFIRE PATTERNS # 3



\* OF SHOTS - 10

\* IN CIR

1in = 2

2in = 3

3in = 8

HS = 2.674

VS = 3.178

GS = 3.407

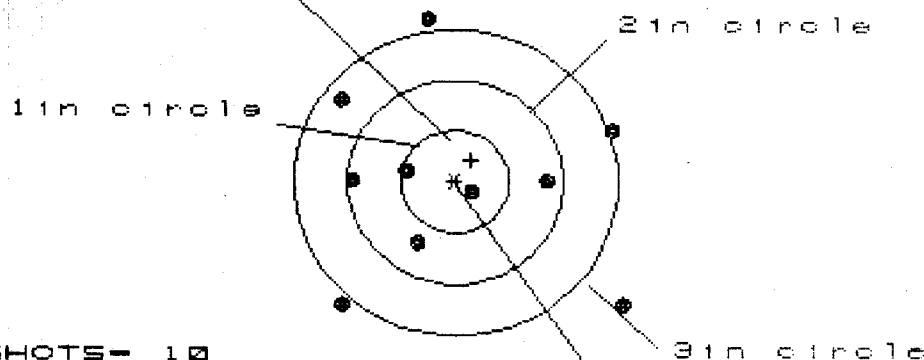
|                             |   |        |        |        |
|-----------------------------|---|--------|--------|--------|
| PATTERN #                   | : |        |        |        |
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.555  | 1.650  | 1.421  |
| MINIMUM X                   | : | -1.119 | -1.024 | -.818  |
| MAXIMUM Y                   | : | 1.359  | 1.157  | 1.063  |
| MINIMUM Y                   | : | -1.819 | -1.296 | -1.390 |
| CENTROID X                  | : | -.419  | -.514  | -.720  |
| CENTROID Y                  | : | -.574  | -.372  | -.278  |
| POA TO CENTROID in.         | : | .711   | .634   | .772   |
| MIN RADIUS                  | : | .121   | .133   | .237   |
| MEAN RADIUS                 | : | 1.099  | .955   | .826   |
| MAX RADIUS                  | : | 2.009  | 1.813  | 1.514  |
| HORIZONTAL SPREAD           | : | 2.674  | 2.674  | 2.239  |
| VERTICAL SPREAD             | : | 3.178  | 2.453  | 2.453  |
| EXTREME SPREAD              | : | 3.407  | 2.725  | 2.698  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 2      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 3      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 8      |        |

12 Aug 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/C6649243

# CENTERFIRE PATTERNS # 4

POA



# OF SHOTS- 10

# IN CIR

1in = 2

2in = 5

3in = 6

HS= 2.552

VS= 2.846

GS= 3.338

CENTROID \*

| PATTERN #                   | : | 10     | 9      | 8      |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.499  | 1.627  | 1.617  |
| MINIMUM X                   | : | -1.053 | -.886  | -.896  |
| MAXIMUM Y                   | : | 1.628  | 1.492  | .825   |
| MINIMUM Y                   | : | -1.218 | -1.349 | -1.162 |
| CENTROID X                  | : | -.147  | -.314  | -.304  |
| CENTROID Y                  | : | -.207  | -.071  | -.258  |
| POA TO CENTROID in.         | : | .254   | .322   | .399   |
| MIN RADIUS                  | : | .129   | .248   | .261   |
| MEAN RADIUS                 | : | 1.105  | .999   | .915   |
| MAX RADIUS                  | : | 1.932  | 1.678  | 1.724  |
| HORIZONTAL SPREAD           | : | 2.552  | 2.513  | 2.513  |
| VERTICAL SPREAD             | : | 2.846  | 2.841  | 1.987  |
| EXTREME SPREAD              | : | 3.338  | 3.037  | 3.037  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 2      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 5      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 6      |        |

12 Aug 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/C6649243

# CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

CENTROID \*

# OF SHOTS- 10

# IN CIR

1in = 2

2in = 5

3in = 9

HS= 2.396

VS= 2.123

GS= 2.692

| PATTERN #                   | : | 10     | 9      | 8      |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.345  | .792   | .679   |
| MINIMUM X                   | : | -1.051 | -.901  | -.723  |
| MAXIMUM Y                   | : | 1.073  | .986   | .877   |
| MINIMUM Y                   | : | -1.050 | -1.137 | -1.246 |
| CENTROID X                  | : | .502   | .352   | .465   |
| CENTROID Y                  | : | -.151  | -.064  | .045   |
| POA TO CENTROID in.         | : | .524   | .358   | .467   |
| MIN RADIUS                  | : | .386   | .228   | .238   |
| MEAN RADIUS                 | : | .938   | .844   | .785   |
| MAX RADIUS                  | : | 1.557  | 1.252  | 1.303  |
| HORIZONTAL SPREAD           | : | 2.396  | 1.693  | 1.402  |
| VERTICAL SPREAD             | : | 2.123  | 2.123  | 2.123  |
| EXTREME SPREAD              | : | 2.692  | 2.370  | 2.326  |
| NUMBER IN ONE INCH CIRCLE   | = | 2      |        |        |
| NUMBER IN TWO INCH CIRCLE   | = | 5      |        |        |
| NUMBER IN THREE INCH CIRCLE | = | 9      |        |        |