

OPEN

UPC



0 47700 25716 7

06665970

\*INCLUDES 1 IN CHAMBER

CAPACITY\*

MODEL 700 TM M24

ORDER NO.

5716

BARREL LENGTH

# Remington



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

MODEL 700 <sup>TM</sup> M24

SERIAL NO.  
C6665970

20

ORDER NO.  
**5716**

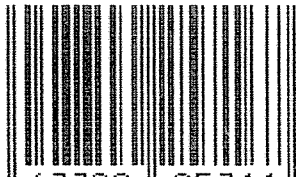
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.



5716 C6665970

**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 # C6665970

| 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      | 4 1991   | KR   |
|              | Magnaflux Bolt                                                 | OCT      | 4 1991   | KR   |
| 615          | Rollmark Caliber                                               | OCT      | 4 1991   | g2   |
| 617          | Drill and Tap Sight Holes                                      | OCT      | 4 1991   | LB   |
| 618          | Polish Barrel                                                  |          | 10/8/91  | WB   |
| 620          | Apply Coatings<br>(Barrel Action)                              |          | 10/22/91 | JA   |
|              | Apply Coating (Bolt)                                           |          | 10/22/91 | JA   |
| 625          | Final Assembly<br>A) Clean inside of<br>Bolt Assembly          |          | 10/22/91 | RW   |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |          | 10/22/91 | RW   |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |          | 10/22/91 | RW   |
|              | D) Oil Firing Pin Ass'y                                        |          | 10/22/91 | RW   |
|              | E) Adjust Trigger Pull to<br>Min Setting and Stake             |          | 10/31/91 | JA   |

| op. #        | OP. NAME                                                    | READINGS |      |      |     |     | DATE     | INIT |
|--------------|-------------------------------------------------------------|----------|------|------|-----|-----|----------|------|
| 625<br>cont. | F) Safety On Force                                          | 4        | 4    | 4    |     |     | 11-4-91  | RY   |
|              | G) Safety Off Force                                         | 3        | 3    | 3    |     |     | 11-4-91  | RY   |
|              | H) Trigger Pull Test & Retainability                        |          |      |      |     |     | 10/31/91 | RY   |
|              | I) Firing Pin Indent                                        | .020     | .020 | .020 |     |     | 11-4-91  | RY   |
|              | J) Assemble Stock                                           |          |      |      |     |     | 11/18/91 | RW   |
|              | K) Assemble Swivel Studs                                    |          |      |      |     |     | 11-27-91 | A    |
|              | L) Attach Front and Rear Sight Assemblies                   |          |      |      |     |     | 11/18/91 | RW   |
|              | M) Iron Sight Alignment                                     |          |      |      |     |     | 11/18/91 | RW   |
|              | N) Detach Front & Rear Sights & place in numbered container |          |      |      |     |     | 11/18/91 | RW   |
|              | O) Attach Scope to Rifle                                    |          |      |      |     |     | 11/18/91 | RW   |
|              | P) Detach & Attach Scope 20 Times                           |          |      |      |     |     | 11/18/91 | RW   |
| 640          | Gallery Target & Test                                       |          |      |      |     |     | 11-19-91 | N    |
|              | A) Time                                                     |          |      |      |     |     | "        | AF   |
|              | B) Malfunctions                                             |          |      |      |     |     | "        | AF   |
|              | C) Pierced Primers                                          |          |      |      |     |     | "        | AF   |
|              | D) Optical Clarity of Scope                                 |          |      |      |     |     | "        | AF   |
| 645          | Inspect for Live Ammo                                       |          |      |      |     |     | 11-19-91 | AF   |
| 655          | Final Inspection                                            |          |      |      |     |     |          |      |
|              | A) Headspace                                                |          |      |      |     |     | 11-27-91 | A    |
|              | B) Trigger Pull                                             | 252      | 257  | 251  | 250 | 252 | 11-20-91 | DH   |
|              | C) Function                                                 |          |      |      |     |     | 11-27-91 | A    |
| 660          | Pack                                                        |          |      |      |     |     | 12-19-91 | N    |

SWS TRIGGER PULL TEST

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

SERIAL NO. C-6665970

DATE 10/31/91

TESTER JL

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |      | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|------|------------------------------------------------------------------------|
| PULL #1 | 2.47             | 2.43                     | 2.50                           | 2.52 | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.28             | 2.44                     | 2.55                           | 2.57 |                                                                        |
| PULL #3 | 2.34             | 2.48                     | 2.49                           | 2.51 |                                                                        |
| PULL #4 | 2.40             | 2.41                     | 2.44                           | 2.50 |                                                                        |
| PULL #5 | 2.44             | 2.48                     | 2.41                           | 2.52 |                                                                        |
| TOTAL   |                  |                          |                                |      |                                                                        |
| AVG.    |                  |                          |                                |      |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.60             | 3.45                     |  |          |
| PULL #2 | 3.51             | 3.47                     |  |          |
| PULL #3 | 3.47             | 3.48                     |  |          |
| PULL #4 | 3.47             | 3.35                     |  |          |
| PULL #5 | 3.49             | 3.49                     |  |          |
| 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 | 4.29             | 4.53                     |                                | 4.47                                 |
| PULL #2 | 4.39             | 4.51                     |                                | 4.51                                 |
| PULL #3 | 4.51             | 4.48                     |                                | 4.39                                 |
| PULL #4 | 4.49             | 4.43                     |                                | 4.49                                 |
| PULL #5 | 4.53             | 4.52                     |                                | 4.48                                 |
| TOTAL   |                  |                          |                                |                                      |
| AVG.    |                  |                          |                                |                                      |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # C6665970  
20 Nov 1991

CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | .293789 |
| 1 TO | 2 | .216009 |
| 1 TO | 3 | .17102  |
| 1 TO | 4 | .492546 |
| 1 TO | 5 | .345686 |

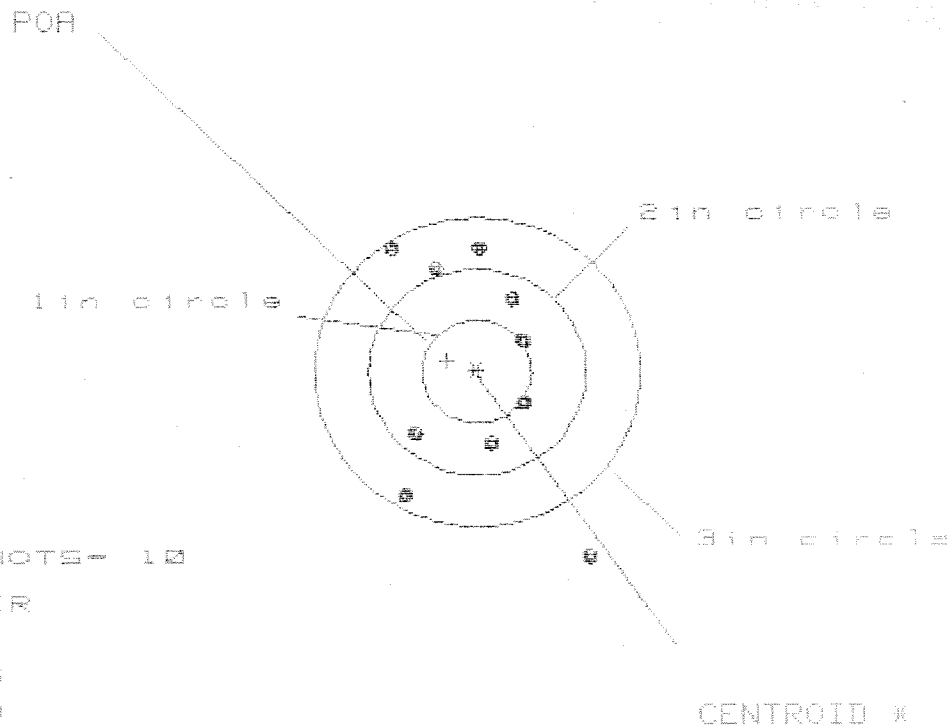
42.1 28 <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0856  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1264  
THE RESULTING AVERAGE PC1 RADIUS FOR THIS RIFLE IS: .152658  
THE AMP FOR THIS RIFLE IS: 1.093

19 May 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/C8685970

# CENTERFIRE PATTERNS # 1



# OF SHOTS- 10

# IN CIR

1in = 1

2in = 5

3in = 9

HS= 1.823

VS= 3.023

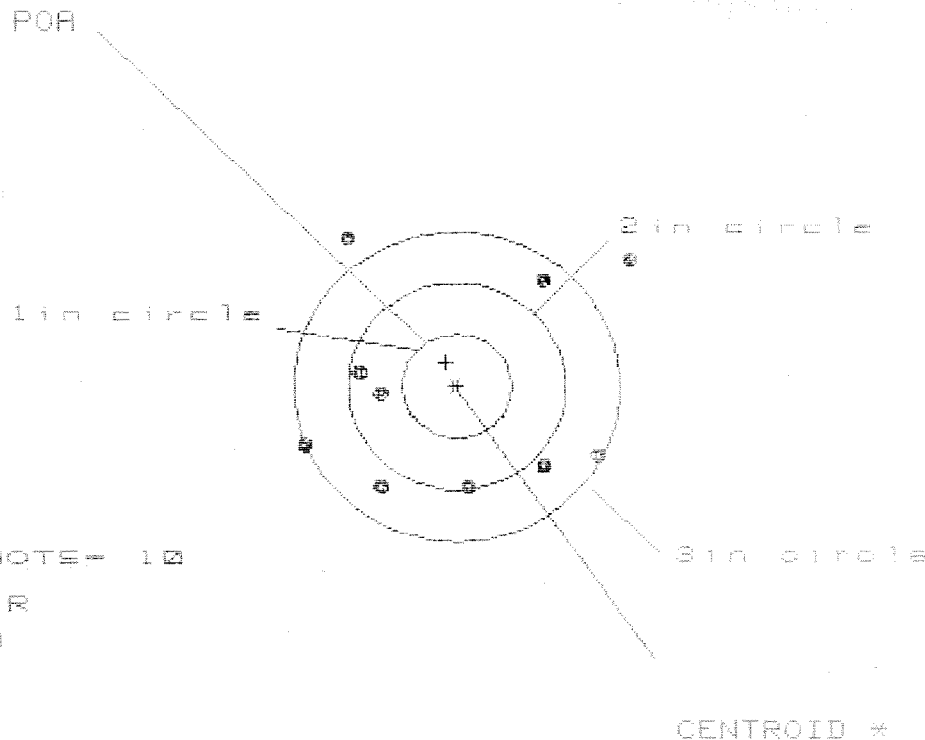
GS= 3.530

| PATTERN #                   | : | 1      | 2      | 3      |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.041  | .546   | .463   |
| MINIMUM X                   | : | -.782  | -.666  | -.593  |
| MAXIMUM Y                   | : | 1.247  | 1.050  | 1.115  |
| MINIMUM Y                   | : | -1.776 | -1.343 | -1.212 |
| CENTROID X                  | : | .274   | .158   | .241   |
| CENTROID Y                  | : | -.106  | .091   | -.040  |
| POA TO CENTROID in.         | : | .293   | .182   | .244   |
| MIN RADIUS                  | : | .471   | .562   | .533   |
| MEAN RADIUS                 | : | 1.044  | .923   | .865   |
| MAX RADIUS                  | : | 2.059  | 1.437  | 1.349  |
| HORIZONTAL SPREAD           | : | 1.823  | 1.212  | 1.056  |
| VERTICAL SPREAD             | : | 3.023  | 2.393  | 2.327  |
| EXTREME SPREAD              | : | 2.530  | 2.410  | 2.410  |
| NUMBER IN ONE INCH CIRCLE   | = | 1      |        |        |
| NUMBER IN TWO INCH CIRCLE   | = | 5      |        |        |
| NUMBER IN THREE INCH CIRCLE | = | 9      |        |        |

19 Nov 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/C8665970

# CENTERFIRE PATTERNS # 2



# OF SHOTS= 10

# IN CIR

1in = 0

2in = 3

3in = 7

HS= 3.049

VS= 2.391

GS= 3.505

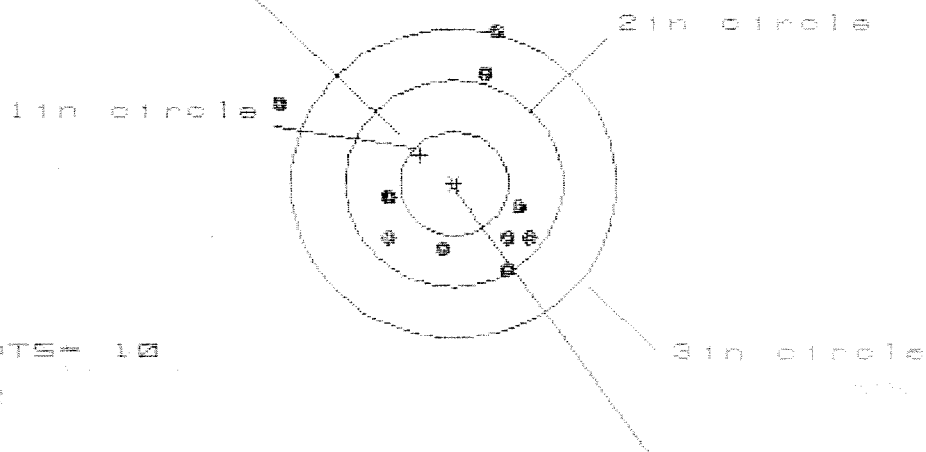
|                             |   |        |        |        |
|-----------------------------|---|--------|--------|--------|
| PATTERN #                   | : | 2      |        |        |
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.617  | 1.496  | 1.399  |
| MINIMUM X                   | : | -1.432 | -1.252 | -1.349 |
| MAXIMUM Y                   | : | 1.450  | 1.583  | 1.396  |
| MINIMUM Y                   | : | -.941  | -.808  | -.611  |
| CENTROID X                  | : | .100   | -.088  | .017   |
| CENTROID Y                  | : | -.234  | -.367  | -.564  |
| POA TO CENTROID in.         | : | .254   | .375   | .565   |
| MIN RADIUS                  | : | .697   | .517   | .636   |
| MEAN RADIUS                 | : | 1.285  | 1.158  | 1.061  |
| MAX RADIUS                  | : | 2.011  | 1.760  | 1.666  |
| HORIZONTAL SPREAD           | : | 3.049  | 2.748  | 2.748  |
| VERTICAL SPREAD             | : | 2.391  | 2.391  | 2.007  |
| EXTREME SPREAD              | : | 3.505  | 3.075  | 2.765  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 0      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 3      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 7      |        |

19 May 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/C6685970

# CENTERFIRE PATTERNS # 3

POA



# OF SHOTS= 10

# IN CIR

1in = 0

2in = 7

3in = 8

HS= 2.325

VS= 2.321

QS= 2.691

CENTROID \*

PATTERN #

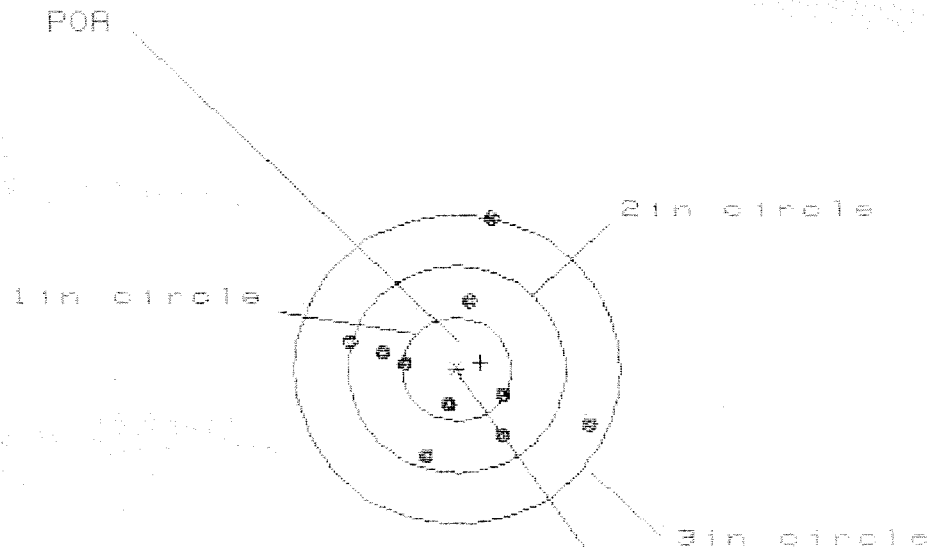
3

|                             |   |        |       |       |
|-----------------------------|---|--------|-------|-------|
| SHOTS (BEST OF)             | : | 10     | 9     | 8     |
| MAXIMUM X                   | : | .723   | .545  | .566  |
| MINIMUM X                   | : | -1.602 | -.828 | -.807 |
| MAXIMUM Y                   | : | 1.522  | 1.609 | 1.376 |
| MINIMUM Y                   | : | -.800  | -.712 | -.511 |
| CENTROID X                  | : | .306   | .484  | .463  |
| CENTROID Y                  | : | -.274  | -.362 | -.564 |
| POA TO CENTROID in.         | : | .411   | .605  | .729  |
| MIN RADIUS                  | : | .624   | .425  | .410  |
| MEAN RADIUS                 | : | .979   | .845  | .690  |
| MAX RADIUS                  | : | 1.787  | 1.618 | 1.380 |
| HORIZONTAL SPREAD           | : | 2.325  | 1.373 | 1.373 |
| VERTICAL SPREAD             | : | 2.321  | 2.321 | 1.806 |
| EXTREME SPREAD              | : | 2.691  | 2.327 | 1.903 |
| NUMBER IN ONE INCH CIRCLE   | = | 0      |       |       |
| NUMBER IN TWO INCH CIRCLE   | = | 7      |       |       |
| NUMBER IN THREE INCH CIRCLE | = | 8      |       |       |

19 Nov 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/C6685970

# CENTERFIRE PATTERNS # 4



# OF SHOTS- 10

# IN CIR

1in - 2

2in - 7

3in - 10

HS= 2.230

VS= 2.253

GS= 2.388

CENTROID #

| PATTERN #                     | 1     | 2     | 3     |
|-------------------------------|-------|-------|-------|
| SHOTS (BEST OF)               | 10    | 9     | 8     |
| MAXIMUM X                     | 1.262 | 1.299 | .636  |
| MINIMUM X                     | -.968 | -.931 | -.768 |
| MAXIMUM Y                     | 1.419 | .839  | .788  |
| MINIMUM Y                     | -.834 | -.676 | -.727 |
| CENTROID X                    | -.217 | -.254 | -.417 |
| CENTROID Y                    | -.067 | -.225 | -.174 |
| POA TO CENTROID in.           | .227  | .339  | .452  |
| MIN RADIUS                    | .384  | .222  | .306  |
| MEAN RADIUS                   | .832  | .735  | .645  |
| MAX RADIUS                    | 1.459 | 1.361 | .865  |
| HORIZONTAL SPREAD             | 2.230 | 2.230 | 1.404 |
| VERTICAL SPREAD               | 2.253 | 1.515 | 1.515 |
| EXTREME SPREAD                | 2.388 | 2.388 | 1.656 |
| NUMBER IN ONE INCH CIRCLE =   |       | 2     |       |
| NUMBER IN TWO INCH CIRCLE =   |       | 7     |       |
| NUMBER IN THREE INCH CIRCLE = |       | 10    |       |

19 Nov 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/C8885970

# CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

CENTROID \*

# OF SHOTS= 10

# IN CIR

1in = 0

2in = 2

3in = 6

HS= 3.177

VS= 2.157

GS= 3.388

| PATTERN #                     | 5      | 9      | 8      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | 1.520  | 1.336  | 1.154  |
| MINIMUM X                     | -1.657 | -1.733 | -1.915 |
| MAXIMUM Y                     | 1.010  | 1.064  | .927   |
| MINIMUM Y                     | -1.147 | -1.093 | -.769  |
| CENTROID X                    | -.035  | .149   | .331   |
| CENTROID Y                    | .049   | -.005  | .131   |
| POA TO CENTROID in.           | .060   | .150   | .358   |
| MIN RADIUS                    | .655   | .620   | .698   |
| MEAN RADIUS                   | 1.324  | 1.254  | 1.155  |
| MAX RADIUS                    | 1.728  | 1.847  | 1.979  |
| HORIZONTAL SPREAD             | 3.177  | 3.069  | 3.069  |
| VERTICAL SPREAD               | 2.157  | 2.157  | 1.697  |
| EXTREME SPREAD                | 3.388  | 3.321  | 3.321  |
| NUMBER IN ONE INCH CIRCLE =   | 0      |        |        |
| NUMBER IN TWO INCH CIRCLE =   | 2      |        |        |
| NUMBER IN THREE INCH CIRCLE = | 6      |        |        |