

FORM

CAPACITY\*

\*INCLUDES 1 IN CHAMBER

C6666132

UPC



0 47700 25716 2

5716

ORDER NO.

BARREL LENGTH

MODEL 700 TM M24

# Remington



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

MODEL 700<sup>TM</sup> M24

SERIAL NO.  
C6666132

20

ORDER NO.  
**5716**

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



5716 C6666132

**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 #

**C 6666132**

| OP. #        | OP. NAME                                                       | READINGS | DATE     | INIT |
|--------------|----------------------------------------------------------------|----------|----------|------|
| 575 &<br>580 | Assemble Action<br>and Stock                                   |          | 10/1/91  | KH   |
| 600          | Proof                                                          |          | 10/1/91  | KH   |
| 607          | Check Headspace                                                |          | 10/1/91  | KH   |
| 610          | Dis-assemble Gun                                               |          | 10/1/91  | KH   |
| 612          | Magnaflux Barrel<br>Action                                     | OCT      | 8 1991   | KR   |
|              | Magnaflux Bolt                                                 | OCT      | 8 1991   | KR   |
| 615          | Rollmark Caliber                                               | OCT      | 8 1991   | BS   |
| 617          | Drill and Tap Sight Holes                                      | OCT      | 8 1991   | LB   |
| 618          | Polish Barrel                                                  |          | 10/14/91 | WB   |
| 620          | Apply Coatings<br>(Barrel Action)                              |          | 11-1-91  | HA   |
|              | Apply Coating (Bolt)                                           |          |          | HA   |
| 625          | Final Assembly<br>A) Clean inside of<br>Bolt Assembly          |          | 11/1/91  | KH   |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |          | 11/1/91  | KH   |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |          | 11/1/91  | KH   |
|              | D) Oil Firing Pin Ass'y                                        |          | 11/1/91  | KH   |
|              | E) Adjust Trigger Pull to<br>Min Setting and Stake             |          | 11-4-91  | HA   |

| op. #        | OP. NAME                                                    | READINGS |      |      |      |      | DATE     | INIT |
|--------------|-------------------------------------------------------------|----------|------|------|------|------|----------|------|
| 625<br>cont. | F) Safety On Force                                          | 6        | 6    | 6    |      |      | 11-4-91  | JK   |
|              | G) Safety Off Force                                         | 4        | 4    | 4    |      |      | 11-4-91  | JK   |
|              | H) Trigger Pull Test & Retainability                        |          |      |      |      |      | 11-4-91  | JK   |
|              | I) Firing Pin Indent                                        | .020     | .020 | .020 |      |      | 11-4-91  | JK   |
|              | J) Assemble Stock                                           |          |      |      |      |      | 11/4/91  | JK   |
|              | K) Assemble Swivel Studs                                    |          |      |      |      |      | 11-27-91 | JK   |
|              | L) Attach Front and Rear Sight Assemblies                   |          |      |      |      |      | 11/4/91  | JK   |
|              | M) Iron Sight Alignment                                     |          |      |      |      |      | 11/4/91  | JK   |
|              | N) Detach Front & Rear Sights & place in numbered container |          |      |      |      |      | 11/4/91  | JK   |
|              | O) Attach Scope to Rifle                                    |          |      |      |      |      | 11/4/91  | JK   |
|              | P) Detach & Attach Scope 20 Times                           |          |      |      |      |      | 11/4/91  | JK   |
| 640          | Gallery Target & Test                                       |          |      |      |      |      | 11-5-91  | AC   |
|              | A) Time                                                     |          |      |      |      |      | 11-5-91  | AC   |
|              | B) Malfunctions                                             |          |      |      |      |      | 11-5-91  | AC   |
|              | C) Pierced Primers                                          |          |      |      |      |      | 11-5-91  | AC   |
|              | D) Optical Clarity of Scope                                 |          |      |      |      |      | 11-5-91  | AC   |
| 645          | Inspect for Live Ammo                                       |          |      |      |      |      | 11-5-91  | AC   |
| 655          | Final Inspection                                            |          |      |      |      |      |          |      |
|              | A) Headspace                                                |          |      |      |      |      | 11-27-91 | AC   |
|              | B) Trigger Pull                                             | 2.46     | 2.47 | 2.56 | 2.56 | 2.51 | 11-13-91 | AC   |
|              | C) Function                                                 |          |      |      |      |      | 11-27-91 | JK   |
| 660          | Pack                                                        |          |      |      |      |      | 12-18-91 | JK   |

SWS TRIGGER PULL TEST

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

SERIAL NO. G6666132  
DATE 11-4-81  
TESTER JU.

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |      | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|------|------------------------------------------------------------------------|
| PULL #1 | 2.42             | 2.48                     | 2.50                           | 2.46 | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.47             | 2.36                     | 2.55                           | 2.47 |                                                                        |
| PULL #3 | 2.50             | 2.40                     | 2.48                           | 2.56 |                                                                        |
| PULL #4 | 2.40             | 2.45                     | 2.46                           | 2.56 |                                                                        |
| PULL #5 | 2.45             | 2.38                     | 2.43                           | 2.51 |                                                                        |
| TOTAL   |                  |                          |                                |      |                                                                        |
| AVG.    |                  |                          |                                |      |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.32             | 3.41                     |  |          |
| PULL #2 | 3.41             | 3.40                     |  |          |
| PULL #3 | 3.46             | 3.46                     |  |          |
| PULL #4 | 3.44             | 3.44                     |  |          |
| PULL #5 | 3.41             | 3.38                     |  |          |
| 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             | 4.25                     |                                | 4.48                                 |
| PULL #2 | 4.24             | 4.36                     |                                | 4.30                                 |
| PULL #3 | 4.29             | 4.47                     |                                | 4.53                                 |
| PULL #4 | 4.21             | 4.30                     |                                | 4.39                                 |
| PULL #5 | 4.22             | 4.36                     |                                | 4.40                                 |
| TOTAL   |                  |                          |                                |                                      |
| AVG.    |                  |                          |                                |                                      |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # C6666132  
5 Nov 1991

CENTROIDAL DISTANCES

|   |    |   |          |
|---|----|---|----------|
| 0 | TO | 1 | .673238  |
| 1 | TO | 2 | .605186  |
| 1 | TO | 3 | .305797  |
| 1 | TO | 4 | .101607  |
| 1 | TO | 5 | .0672309 |

#3 <----POA

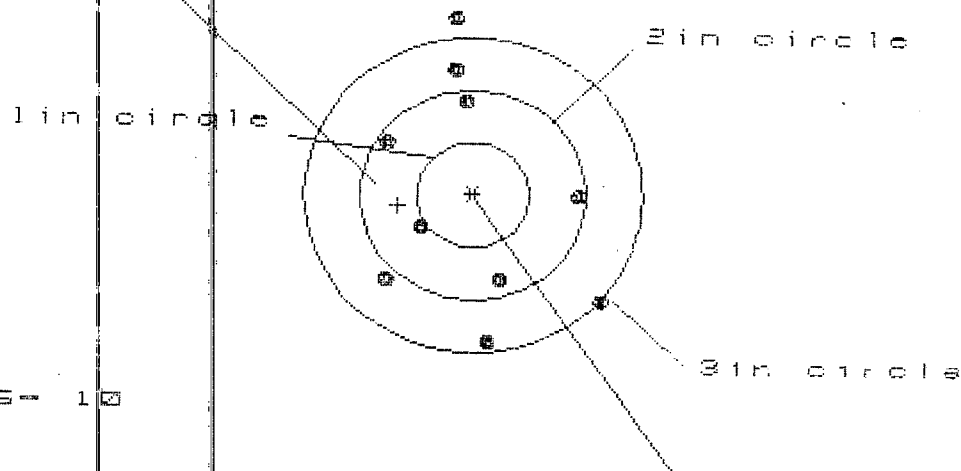
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .4948  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0836  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .501913  
THE AMP FOR THIS RIFLE IS: .9844

5 Nov 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/C5666132

# CENTERFIRE PATTERNS # 1

POA



# OF SHOTS - 10

# IN CIR

1in = 0

2in = 5

3in = 8

HS = 1.090

VS = 3.151

GS = 3.172

CENTROID \*

|                            |   |        |        |        |
|----------------------------|---|--------|--------|--------|
| PATTERN #                  | : | 1      |        |        |
| SHOTS (BEST OF)            | : | 10     | 9      | 8      |
| MAXIMUM X                  | : | 1.090  | 1.069  | 1.037  |
| MINIMUM X                  | : | -1.808 | -.829  | -.695  |
| MAXIMUM Y                  | : | 1.706  | 1.385  | 1.279  |
| MINIMUM Y                  | : | -1.445 | -1.255 | -1.361 |
| CENTROID X                 | : | .665   | .686   | .552   |
| CENTROID Y                 | : | .105   | -.085  | .021   |
| POA TO CENTROID in.        | : | .673   | .691   | .552   |
| MIN RADIUS                 | : | .541   | .503   | .403   |
| MAX RADIUS                 | : | 1.114  | 1.032  | .973   |
| AVG RADIUS                 | : | 1.717  | 1.395  | 1.391  |
| AVG HORIZONTAL SPREAD      | : | 1.898  | 1.898  | 1.732  |
| AVG VERTICAL SPREAD        | : | 3.151  | 2.640  | 2.640  |
| AVG DIAGONAL SPREAD        | : | 3.172  | 2.659  | 2.659  |
| SHOTS IN ONE INCH CIRCLE   | = |        | 0      |        |
| SHOTS IN TWO INCH CIRCLE   | = |        | 5      |        |
| SHOTS IN THREE INCH CIRCLE | = |        | 8      |        |

5 May 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/C6606132

# CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

CENTROID #

# OF SHOTS - 10

# IN CIR

1in = 3

2in = 7

3in = 9

HS = 2.369

VS = 2.053

GS = 2.592

| PATTERN #                   | 2      |        |       |
|-----------------------------|--------|--------|-------|
| SHOTS (BEST OF)             | 10     | 9      | 8     |
| MAXIMUM X                   | 1.135  | 1.034  | .895  |
| MINIMUM X                   | -1.234 | -1.108 | -.605 |
| MAXIMUM Y                   | 1.063  | .587   | .603  |
| MINIMUM Y                   | -.990  | -.872  | -.856 |
| CENTROID X                  | .060   | -.066  | .073  |
| CENTROID Y                  | .090   | -.028  | -.044 |
| POA TO CENTROID in.         | .109   | .072   | .085  |
| MIN RADIUS                  | .305   | .288   | .342  |
| MEAN RADIUS                 | .804   | .686   | .649  |
| MAX RADIUS                  | 1.555  | 1.160  | 1.047 |
| HORIZONTAL SPREAD           | 2.369  | 2.142  | 1.500 |
| VERTICAL SPREAD             | 2.053  | 1.459  | 1.459 |
| EXTREME SPREAD              | 2.592  | 2.178  | 1.713 |
| NUMBER IN ONE INCH CIRCLE   | =      | 3      |       |
| NUMBER IN TWO INCH CIRCLE   | =      | 7      |       |
| NUMBER IN THREE INCH CIRCLE | =      | 9      |       |

5 May 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/C6666132

# CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

CENTROID \*

# OF SHOTS = 10

# IN CIR

1 in = 0

2 in = 5

3 in = 9

HS = 2.209

VS = 2.348

GS = 2.940

PATTERN # :

3

SHOTS (BEST OF) :

10

9

8

MAXIMUM X :

.810

.654

.719

MINIMUM X :

-1.399

-.924

-.059

MAXIMUM Y :

1.049

1.136

.984

MINIMUM Y :

-1.299

-1.212

-1.007

CENTROID X :

.459

.615

.550

CENTROID Y :

-.121

-.208

-.056

POA TO CENTROID in. :

.475

.649

.552

MIN RADIUS :

.516

.375

.428

MEAN RADIUS :

.962

.865

.807

MAX RADIUS :

1.603

1.320

1.112

HORIZONTAL SPREAD :

2.209

1.578

1.578

VERTICAL SPREAD :

2.348

2.348

1.991

EXTREME SPREAD :

2.940

2.526

2.126

NUMBER IN ONE INCH CIRCLE =

0

NUMBER IN TWO INCH CIRCLE =

5

NUMBER IN THREE INCH CIRCLE =

9

5 Nov 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/C6666132

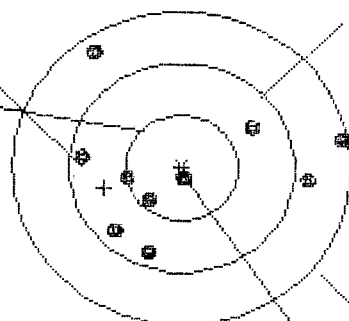
# CENTERFIRE PATTERNS # 4

POA

1 in circle

2 in circle

3 in circle



# OF SHOTS- 10

# IN CIR

1 in = 2

2 in = 7

3 in = 10

HS= 2.273

VS= 1.897

GS= 2.322

CENTROID \*

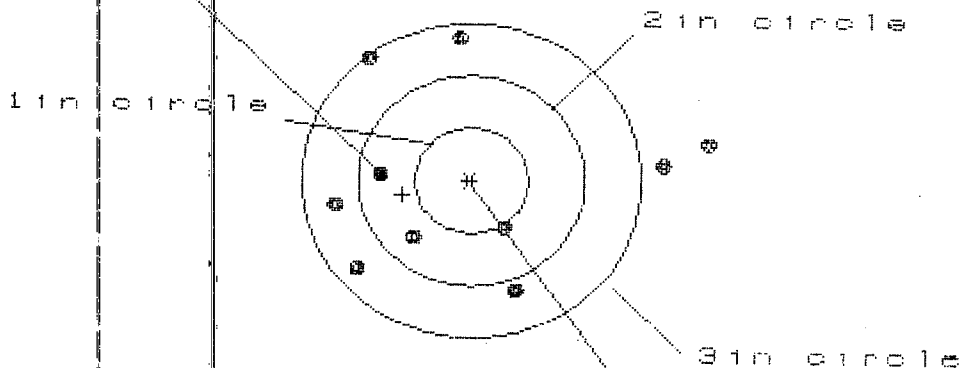
|                             |   |       |       |       |
|-----------------------------|---|-------|-------|-------|
| PATTERN #                   | : | 4     |       |       |
| SHOTS (BEST OF)             | : | 10    | 9     | 8     |
| MAXIMUM X                   | : | 1.419 | 1.320 | 1.246 |
| MINIMUM X                   | : | -.854 | -.697 | -.771 |
| MAXIMUM Y                   | : | 1.141 | 1.177 | .570  |
| MINIMUM Y                   | : | -.756 | -.720 | -.573 |
| CENTROID X                  | : | .683  | .526  | .600  |
| CENTROID Y                  | : | .205  | .169  | .022  |
| POA TO CENTROID in.         | : | .713  | .552  | .601  |
| MIN RADIUS                  | : | .070  | .159  | .139  |
| MEAN RADIUS                 | : | .821  | .720  | .625  |
| MAX RADIUS                  | : | 1.455 | 1.322 | 1.249 |
| HORIZONTAL SPREAD           | : | 2.273 | 2.017 | 2.017 |
| VERTICAL SPREAD             | : | 1.897 | 1.897 | 1.143 |
| EXTREME SPREAD              | : | 2.322 | 2.281 | 2.028 |
| NUMBER IN ONE INCH CIRCLE   | = |       | 2     |       |
| NUMBER IN TWO INCH CIRCLE   | = |       | 7     |       |
| NUMBER IN THREE INCH CIRCLE | = |       | 10    |       |

5 Nov 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/08666132

# CENTERFIRE PATTERNS # 5

POA



# OF SHOTS- 10

# IN CIR

1in = 0

2in = 3

3in = 8

HS= 3.235

VS= 2.329

GS= 3.298

|                             |   |        |       |       |
|-----------------------------|---|--------|-------|-------|
| PATTERN #                   | : | 5      |       |       |
| SHOTS (BEST OF)             | : | 10     | 9     | 8     |
| MAXIMUM X                   | : | 2.055  | 1.872 | .860  |
| MINIMUM X                   | : | -1.181 | -.953 | -.719 |
| MAXIMUM Y                   | : | 1.339  | 1.383 | 1.411 |
| MINIMUM Y                   | : | -.990  | -.946 | -.918 |
| CENTROID X                  | : | .607   | .379  | .145  |
| CENTROID Y                  | : | .139   | .095  | .067  |
| POA TO CENTROID in.         | : | .623   | .391  | .160  |
| MIN RADIUS                  | : | .572   | .553  | .345  |
| MEAN RADIUS                 | : | 1.221  | 1.077 | .926  |
| MAX RADIUS                  | : | 2.093  | 1.885 | 1.457 |
| HORIZONTAL SPREAD           | : | 2.236  | 2.825 | 1.579 |
| VERTICAL SPREAD             | : | 2.329  | 2.329 | 2.329 |
| EXTREME SPREAD              | : | 3.298  | 2.855 | 2.478 |
| NUMBER IN ONE INCH CIRCLE   | = | 0      |       |       |
| NUMBER IN TWO INCH CIRCLE   | = | 3      |       |       |
| NUMBER IN THREE INCH CIRCLE | = | 8      |       |       |

Repair slot  
by safety ARM