

FORM

UPC



0 47700 25716 7

C6665816

INCLUDES 1 IN CHAMBER

MODEL 700 TM M24

ORDER NO. 5716

BARREL LENGTH

CAPACITY\*

# Remington



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

**MODEL 700™ M24**

SERIAL NO.

C6665816

ORDER NO.

**5716**

20

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



5716 C6665816

**ORDER 5716**

MODEL 700™ M24

**UPC**



0 47700 25716 7

**ORDER 5716**

MODEL 700™ M24

**UPC**



0 47700 25716 7

**GFM**

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

**C6665816**

| OP. #        | OP. NAME                                                       | READINGS | DATE     | INIT |
|--------------|----------------------------------------------------------------|----------|----------|------|
| 575 &<br>580 | Assemble Action<br>and Stock                                   |          | 10/1/91  | KA   |
| 600          | Proof                                                          |          | 10/1/91  | KA   |
| 607          | Check Headspace                                                |          | 10/1/91  | KA   |
| 610          | Dis-assemble Gun                                               |          | 10/1/91  | KA   |
| 612          | Magnaflux Barrel<br>Action                                     | OCT      | 8 1991   | KR   |
|              | Magnaflux Bolt                                                 | OCT      | 8 1991   | KR   |
| 615          | Rollmark Caliber                                               | OCT      | 8 1991   | GLL  |
| 617          | Drill and Tap Sight Holes                                      | OCT      | 8 1991   | LB   |
| 618          | Polish Barrel                                                  |          | 10/15/91 | WB   |
| 620          | Apply Coatings<br>(Barrel Action)                              |          | 11/2-91  | KA   |
|              | Apply Coating (Bolt)                                           |          |          |      |
| 625          | Final Assembly<br>A) Clean inside of<br>Bolt Assembly          |          | 12/3/91  | KA   |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |          | 12/3/91  | KA   |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |          | 12/3/91  | KA   |
|              | D) Oil Firing Pin Ass'y                                        |          | 12/3/91  | KA   |
|              | E) Adjust Trigger Pull to<br>Min Setting and Stake             |          | 12-6-91  | KA   |

| op. #        | OP. NAME                                                    | READINGS |      |      |     |     | DATE     | INIT |
|--------------|-------------------------------------------------------------|----------|------|------|-----|-----|----------|------|
| 625<br>cont. | F) Safety On Force                                          | 5        | 5    | 5    |     |     | 12-6-91  | JK   |
|              | G) Safety Off Force                                         | 3        | 3    | 3    |     |     | 12-6-91  | JK   |
|              | H) Trigger Pull Test & Retainability                        |          |      |      |     |     | 12-6-91  | JK   |
|              | I) Firing Pin Indent                                        | .021     | .021 | .021 |     |     | 12-6-91  | JK   |
|              | J) Assemble Stock                                           |          |      |      |     |     | 12/6/91  | JK   |
|              | K) Assemble Swivel Studs                                    |          |      |      |     |     | 12-7-91  | DH   |
|              | L) Attach Front and Rear Sight Assemblies                   |          |      |      |     |     | 12/6/91  | JK   |
|              | M) Iron Sight Alignment                                     |          |      |      |     |     | 12/6/91  | JK   |
|              | N) Detach Front & Rear Sights & place in numbered container |          |      |      |     |     | 12/6/91  | JK   |
|              | O) Attach Scope to Rifle                                    |          |      |      |     |     | 12/6/91  | JK   |
|              | P) Detach & Attach Scope 20 Times                           |          |      |      |     |     | 12/6/91  | JK   |
| 640          | Gallery Target & Test                                       |          |      |      |     |     | 12-6-91  | NF   |
|              | A) Time                                                     |          |      |      |     |     | "        | NF   |
|              | B) Malfunctions                                             |          |      |      |     |     | "        | NF   |
|              | C) Pierced Primers                                          |          |      |      |     |     | "        | NF   |
|              | D) Optical Clarity of Scope                                 |          |      |      |     |     | "        | NF   |
| 645          | Inspect for Live Ammo                                       |          |      |      |     |     | 12-6-91  | NF   |
| 655          | Final Inspection                                            |          |      |      |     |     | 12-7-91  | AC   |
|              | A) Headspace                                                |          |      |      |     |     | 12-7-91  | DH   |
|              | B) Trigger Pull                                             | 269      | 270  | 275  | 281 | 270 | 12-7-91  | DH   |
|              | C) Function                                                 |          |      |      |     |     | 12-7-91  | DH   |
| 660          | Pack                                                        |          |      |      |     |     | 12-19-91 | 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-6665816

DATE 12-6-91

TESTER JH

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |      | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|------|------------------------------------------------------------------------|
| PULL #1 | 2.60             | 2.44                     | 2.30                           | 2.69 | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.43             | 2.52                     | 2.51                           | 2.70 |                                                                        |
| PULL #3 | 2.31             | 2.54                     | 2.54                           | 2.75 |                                                                        |
| PULL #4 | 2.34             | 2.50                     | 2.44                           | 2.81 |                                                                        |
| PULL #5 | 2.47             | 2.36                     | 2.45                           | 2.70 |                                                                        |
| TOTAL   |                  |                          |                                |      |                                                                        |
| AVG.    |                  |                          |                                |      |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.44             | 3.40                     |  |          |
| PULL #2 | 3.54             | 3.41                     |  |          |
| PULL #3 | 3.51             | 3.39                     |  |          |
| PULL #4 | 3.56             | 3.56                     |  |          |
| PULL #5 | 3.48             | 3.58                     |  |          |
| 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 | 4.51             | 4.31                     |                                | 4.38                                 |
| PULL #2 | 4.62             | 4.31                     |                                | 4.32                                 |
| PULL #3 | 4.61             | 4.33                     |                                | 4.25                                 |
| PULL #4 | 4.35             | 4.49                     |                                | 4.41                                 |
| PULL #5 | 4.25             | 4.35                     |                                | 4.40                                 |
| TOTAL   |                  |                          |                                |                                      |
| AVG.    |                  |                          |                                |                                      |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # C6665816  
6 Dec 1991

CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | .453485 |
| 1 TO | 2 | .654899 |
| 1 TO | 3 | .567847 |
| 1 TO | 4 | .397549 |
| 1 TO | 5 | .264201 |

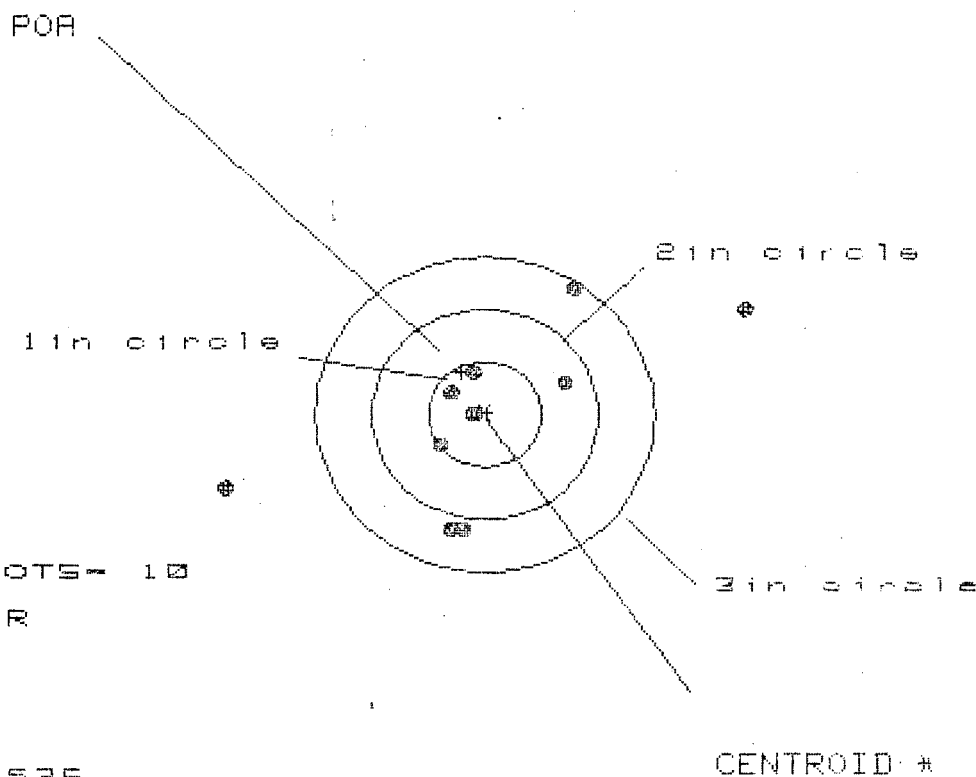
2.4 51 <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.014  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.157  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .157623  
THE AMR FOR THIS RIFLE IS: 1.005

Oct 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/C6665816

# CENTERFIRE PATTERNS # 1



# OF SHOTS- 10

# IN CIR

1in = 3

2in = 5

3in = 8

MS = 4.536

VS = 2.241

CS = 4.864

|                               |   |        |        |        |
|-------------------------------|---|--------|--------|--------|
| PATTERN #                     | : | 1      |        |        |
| SHOTS (BEST OF)               | : | 10     | 9      | 8      |
| MAXIMUM X                     | : | 2.264  | 1.080  | .827   |
| MINIMUM X                     | : | -2.272 | -2.021 | -.441  |
| MAXIMUM Y                     | : | 1.167  | 1.284  | 1.210  |
| MINIMUM Y                     | : | -1.074 | -.957  | -1.031 |
| CENTROID X                    | : | .200   | -.051  | .201   |
| CENTROID Y                    | : | -.407  | -.524  | -.450  |
| POA TO CENTROID in.           | : | .454   | .526   | .493   |
| 1IN RADIUS                    | : | .086   | .200   | .094   |
| 2IN RADIUS                    | : | 1.066  | .892   | .726   |
| 3IN RADIUS                    | : | 2.495  | 2.106  | 1.466  |
| HORIZONTAL SPREAD             | : | 4.536  | 3.101  | 1.269  |
| VERTICAL SPREAD               | : | 2.241  | 2.241  | 2.241  |
| EXTREME SPREAD                | : | 4.864  | 3.624  | 2.497  |
| NUMBER IN ONE INCH CIRCLE =   |   |        | 3      |        |
| NUMBER IN TWO INCH CIRCLE =   |   |        | 5      |        |
| NUMBER IN THREE INCH CIRCLE = |   |        | 8      |        |

6 Dec 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/C6885816

# CENTERFIRE PATTERNS

# 5

POA

1in circle

2in circle

3in circle

CENTROID \*

# OF SHOTS-- 10

# IN CIR

1in = 3

2in = 5

3in = 7

HS= 2.556

VS= 3.035

GS= 3.141

PATTERN #

5

|                               |   |        |        |        |
|-------------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)               | : | 10     | 9      | 8      |
| MAXIMUM X                     | : | .996   | 1.009  | .815   |
| MINIMUM X                     | : | -1.560 | -1.547 | -.506  |
| MAXIMUM Y                     | : | 1.757  | 1.250  | 1.324  |
| MINIMUM Y                     | : | -1.277 | -1.082 | -1.008 |
| CENTROID X                    | : | -.061  | -.074  | .120   |
| CENTROID Y                    | : | -.366  | -.561  | -.635  |
| POA TO CENTROID in.           | : | .371   | .566   | .646   |
| MIN RADIUS                    | : | .339   | .162   | .121   |
| MEAN RADIUS                   | : | 1.013  | .906   | .812   |
| MAX RADIUS                    | : | 1.761  | 1.656  | 1.324  |
| HORIZONTAL SPREAD             | : | 2.556  | 2.556  | 1.321  |
| VERTICAL SPREAD               | : | 3.035  | 2.332  | 2.332  |
| EXTREME SPREAD                | : | 3.141  | 3.044  | 2.466  |
| NUMBER IN ONE INCH CIRCLE =   | : |        | 3      |        |
| NUMBER IN TWO INCH CIRCLE =   | : |        | 5      |        |
| NUMBER IN THREE INCH CIRCLE = | : |        | 7      |        |

6 Dec 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/C6665816

# CENTERFIRE PATTERNS

# 4

POA

1in circle

2in circle

3in circle

# OF SHOTS- 10

# IN CIR

1in - 3

2in - 4

3in = 7

HS- 2.761

VS= 3.048

GS= 3.201

CENTROID \*

PATTERN #

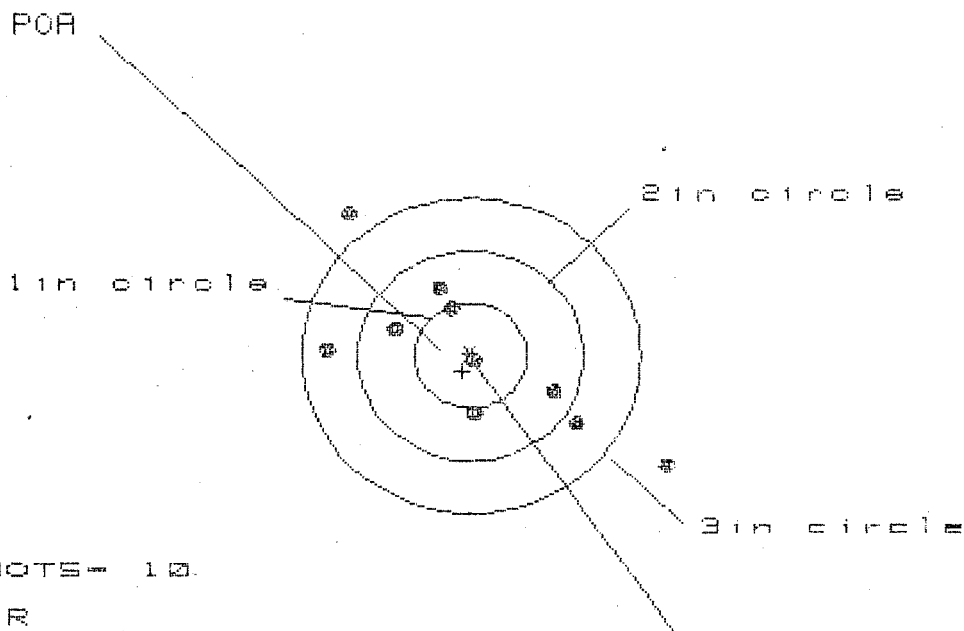
4

|                             |   |        |        |        |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.205  | 1.033  | 1.034  |
| MINIMUM X                   | : | -1.556 | -1.393 | -1.392 |
| MAXIMUM Y                   | : | 1.758  | 1.655  | 1.045  |
| MINIMUM Y                   | : | -1.290 | -1.393 | -1.186 |
| CENTROID X                  | : | .118   | .290   | .289   |
| CENTROID Y                  | : | -.018  | .085   | -.122  |
| POA TO CENTROID in.         | : | .119   | .303   | .314   |
| MIN RADIUS                  | : | .194   | .054   | .155   |
| MEAN RADIUS                 | : | 1.061  | .960   | .855   |
| MAX RADIUS                  | : | 1.812  | 1.655  | 1.740  |
| HORIZONTAL SPREAD           | : | 2.761  | 2.426  | 2.426  |
| VERTICAL SPREAD             | : | 3.048  | 3.048  | 2.231  |
| EXTREME SPREAD              | : | 3.201  | 3.051  | 2.716  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 3      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 4      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 7      |        |

6 Sep 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/C65653816

# CENTERFIRE PATTERNS # 3



# OF SHOTS- 10.

# IN CIR

1 in - 2

2 in - 6

3 in - 8

HS= 3.059

VS= 2.375

CS= 3.741

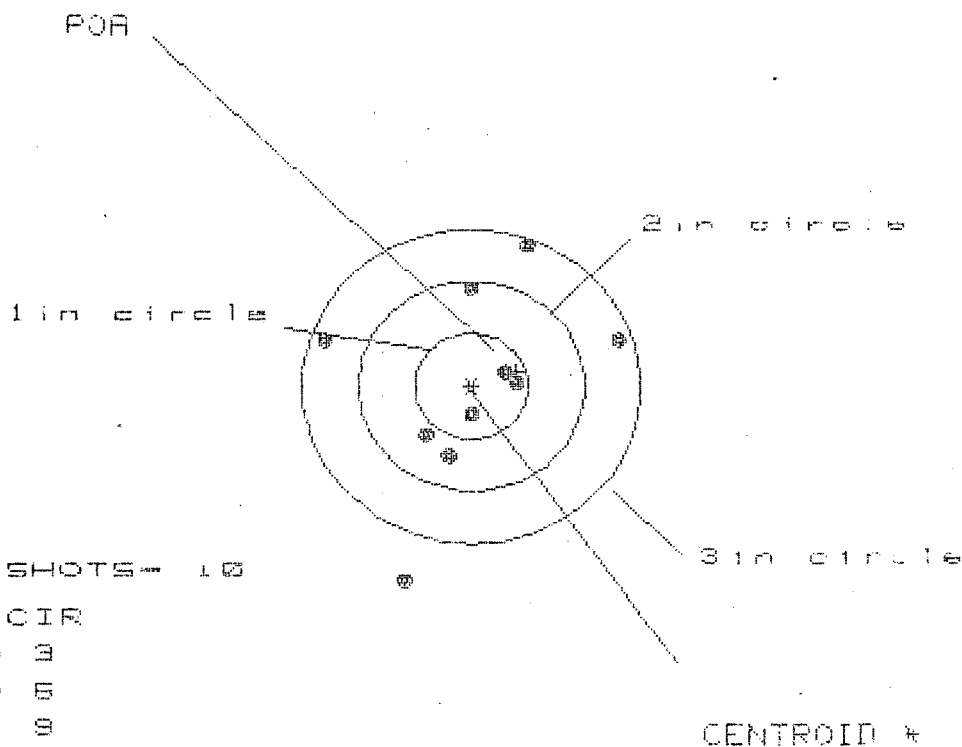
CENTROID \*

|                               |   |        |        |        |
|-------------------------------|---|--------|--------|--------|
| PATTERN #                     | : | 3      |        |        |
| SHOTS (BEST OF)               | : | 10     | 9      | 8      |
| MAXIMUM X                     | : | 1.773  | 1.129  | 1.014  |
| MINIMUM X                     | : | -1.286 | -1.090 | -1.205 |
| MAXIMUM Y                     | : | 1.321  | 1.204  | .658   |
| MINIMUM Y                     | : | -1.054 | -.768  | -.618  |
| CENTROID X                    | : | .071   | -.125  | -.010  |
| CENTROID Y                    | : | .146   | .263   | .113   |
| POA TO CENTROID in.           | : | .163   | .291   | .113   |
| MIN RADIUS                    | : | .049   | .277   | .119   |
| MEAN RADIUS                   | : | .947   | .812   | .714   |
| MAX RADIUS                    | : | 2.062  | 1.516  | 1.210  |
| HORIZONTAL SPREAD             | : | 3.059  | 2.219  | 2.219  |
| VERTICAL SPREAD               | : | 2.375  | 1.972  | 1.276  |
| EXTREME SPREAD                | : | 3.741  | 2.845  | 2.337  |
| NUMBER IN ONE INCH CIRCLE =   |   |        | 2      |        |
| NUMBER IN TWO INCH CIRCLE =   |   |        | 6      |        |
| NUMBER IN THREE INCH CIRCLE = |   |        | 8      |        |

6 Dec 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/C8665818

CENTERFIRE PATTERNS # 2



# OF SHOTS = 10

# IN CIR

1 in = 3

2 in = 6

3 in = 9

1st = 2.535

2nd = 3.230

3rd = 3.434

|                               |   |        |        |        |
|-------------------------------|---|--------|--------|--------|
| PATTERN #                     | : | 2      |        |        |
| SHOTS (BEST OF)               | : | 10     | 9      | 8      |
| MAXIMUM X                     | : | 1.277  | 1.208  | 1.267  |
| MINIMUM X                     | : | -1.258 | -1.327 | -1.269 |
| MAXIMUM Y                     | : | 1.363  | 1.155  | .965   |
| MINIMUM Y                     | : | -1.867 | -.900  | -.756  |
| CENTROID X                    | : | -.398  | -.329  | -.388  |
| CENTROID Y                    | : | -.140  | .067   | -.077  |
| POA TO CENTROID in.           | : | .422   | .336   | .396   |
| MIN RADIUS                    | : | .248   | .251   | .283   |
| MEAN RADIUS                   | : | .938   | .825   | .748   |
| MA RADIUS                     | : | 1.969  | 1.344  | 1.323  |
| HORIZONTAL SPREAD             | : | 2.535  | 2.535  | 2.535  |
| VERTICAL SPREAD               | : | 3.230  | 2.055  | 1.621  |
| EXTREME SPREAD                | : | 3.434  | 2.535  | 2.535  |
| NUMBER IN ONE INCH CIRCLE =   |   |        | 3      |        |
| NUMBER IN TWO INCH CIRCLE =   |   |        | 6      |        |
| NUMBER IN THREE INCH CIRCLE = |   |        | 9      |        |