

FORM

UPC



0 47700 25716 2

C6665825

\*INCLUDES 1 IN CHAMBER

MODEL 700 TM M24

5716

ORDER NO.

BARREL LENGTH

CAPACITY\*

**Remington**VERY IMPORTANT:  
Instruction Book  
enclosed to assure  
safe use of this  
firearm.**MODEL 700<sup>TM</sup> M24****SERIAL NO.**  
C6665825**ORDER NO.**  
**5716**

20

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



5716 C6665825

**ORDER 5716**MODEL 700<sup>TM</sup> M24**UPC**

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**ORDER 5716**MODEL 700<sup>TM</sup> M24**UPC**

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**GFM**

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6665825

| 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      | 8 1991   | KR   |
|              | Magnaflux Bolt                                                 | OCT      | 8 1991   | KR   |
| 615          | Rollmark Caliber                                               | OCT      | 8 1991   | LS   |
| 617          | Drill and Tap Sight Holes                                      | OCT      | 8 1991   | LB   |
| 618          | Polish Barrel                                                  |          | 10/15/91 | WB   |
| 620          | Apply Coatings<br>(Barrel Action)                              |          | 11-8-91  | DA   |
|              | Apply Coating (Bolt)                                           |          |          |      |
| 625          | Final Assembly<br>A) Clean inside of<br>Bolt Assembly          |          | 11/11/91 | RW   |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |          | 11/11/91 | RW   |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |          | 11/11/91 | RW   |
|              | D) Oil Firing Pin Ass'y                                        |          | 11/11/91 | RW   |
|              | E) Adjust Trigger Pull to<br>Min Setting and Stake             |          | 11-14-91 | JL   |

| op. #        | BARBER M24 0103027                                          | READINGS |      |      |      |      | DATE     | INIT |
|--------------|-------------------------------------------------------------|----------|------|------|------|------|----------|------|
| 625<br>cont. | F) Safety On Force                                          | 4        | 4    | 4    |      |      | 11/18/91 | SH   |
|              | G) Safety Off Force                                         | 3        | 3    | 3    |      |      | 11/18/91 | SH   |
|              | H) Trigger Pull Test & Retainability                        |          |      |      |      |      | 11-14-91 | SH   |
|              | I) Firing Pin Indent                                        | .020     | .020 | .020 |      |      | 11/18/91 | SH   |
|              | J) Assemble Stock                                           |          |      |      |      |      | 11/18/91 | RW   |
|              | K) Assemble Swivel Studs                                    |          |      |      |      |      | 11-26-91 | SH   |
|              | 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                                       |          |      |      |      |      | 11-20-91 | D/H  |
|              | A) Time                                                     |          |      |      |      |      | 11-20-91 | D/H  |
|              | B) Malfunctions                                             |          |      |      |      |      | 11-20-91 | D/H  |
|              | C) Pierced Primers                                          |          |      |      |      |      | 11-20-91 | D/H  |
|              | D) Optical Clarity of Scope                                 |          |      |      |      |      | 11-20-91 | D/H  |
| 645          | Inspect for Live Ammo                                       |          |      |      |      |      | 11-20-91 | D/H  |
| 655          | Final Inspection                                            |          |      |      |      |      |          |      |
|              | A) Headspace                                                |          |      |      |      |      | 11-26-91 | SH   |
|              | B) Trigger Pull                                             | 2.48     | 2.44 | 2.47 | 2.57 | 2.58 | 11-20-91 | D/H  |
|              | C) Function                                                 |          |      |      |      |      | 11-26-91 | SH   |
| 660          | Pack                                                        |          |      |      |      |      | 12-19-91 | NF   |

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO C-6665825DATE 11-14-91TESTER [Signature]

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST & TO RESET 2.50# |      | COMMENTS          |
|---------|------------------|--------------------------|-----------------------------|------|-------------------|
| PULL #1 | 2.34             | 2.35                     | 2.50                        | 2.48 | MIN. SETTING,     |
| PULL #2 | 2.31             | 2.38                     | 2.53                        | 2.44 | NO AVG. OF 5      |
| PULL #3 | 2.18             | 2.40                     | 2.44                        | 2.47 | READINGS ACCEPT-  |
| PULL #4 | 2.30             | 2.33                     | 2.48                        | 2.57 | ABLE LESS THAN 2# |
| PULL #5 | 2.21             | 2.44                     | 2.51                        | 2.58 |                   |
| TOTAL   |                  |                          |                             |      |                   |
| AVG.    |                  |                          |                             |      |                   |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  |  | COMMENTS |
|---------|------------------|--------------------------|--|--|----------|
| PULL #1 | 3.34             | 3.25                     |  |  |          |
| PULL #2 | 3.32             | 3.20                     |  |  |          |
| PULL #3 | 3.22             | 3.18                     |  |  |          |
| PULL #4 | 3.25             | 3.29                     |  |  |          |
| PULL #5 | 3.32             | 3.19                     |  |  |          |
| 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 | 4.59             | 4.54                     |                                | 4.57                                 |
| PULL #2 | 4.53             | 4.47                     |                                | 4.38                                 |
| PULL #3 | 4.43             | 4.58                     |                                | 4.29                                 |
| PULL #4 | 4.49             | 4.47                     |                                | 4.60                                 |
| PULL #5 | 4.51             | 4.35                     |                                | 4.56                                 |
| TOTAL   |                  |                          |                                |                                      |
| AVG.    |                  |                          |                                |                                      |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # 06665825  
20 Nov 1991

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CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | .225144 |
| 1 TO | 2 | .470562 |
| 1 TO | 3 | .311006 |
| 1 TO | 4 | .775645 |
| 1 TO | 5 | .228267 |

$\frac{4}{23}$  <----POA  
2

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1344  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1358  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .191063

THE AMR FOR THIS RIFLE IS: .9164

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## CENTERFIRE PATTERNS #

POA

1in circle

2in circle

3in circle

# OF SHOTS- 10

# IN CIR

1in = 1

2in = 7

3in = 10

HS= 2.118

VS= 2.011

GS= 2.708

CENTROID #

| PATTERN #                     | 1     | 9     | 8     |
|-------------------------------|-------|-------|-------|
| SHOTS (BEST OF)               | 10    | 9     | 8     |
| MAXIMUM X                     | 1.196 | 1.127 | .973  |
| MINIMUM X                     | -.923 | -.991 | -.850 |
| MAXIMUM Y                     | 1.283 | .702  | .629  |
| MINIMUM Y                     | -.728 | -.585 | -.542 |
| CENTROID X                    | -.109 | -.041 | -.182 |
| CENTROID Y                    | -.197 | -.340 | -.267 |
| POA TO CENTROID in.           | .226  | .342  | .323  |
| MIN RADIUS                    | .210  | .354  | .210  |
| MEAN RADIUS                   | .879  | .820  | .738  |
| MAX RADIUS                    | 1.424 | 1.270 | 1.054 |
| HORIZONTAL SPREAD             | 2.118 | 2.118 | 1.823 |
| VERTICAL SPREAD               | 2.011 | 1.287 | 1.171 |
| EXTREME SPREAD                | 2.708 | 2.121 | 2.054 |
| NUMBER IN ONE INCH CIRCLE =   | 1     |       |       |
| NUMBER IN TWO INCH CIRCLE =   | 7     |       |       |
| NUMBER IN THREE INCH CIRCLE = | 10    |       |       |

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## CENTERFIRE PATTERNS

# 2

POA

1 in circle

2 in circle

3 in circle

# OF SHOTS- 10

# IN CIR

1 in = 2

2 in = 5

3 in = 9

HS= 2.261

VS= 2.946

GS= 3.082

CENTROID #

| PATTERN #                   | : | 2      |        |        |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | .887   | .942   | .777   |
| MINIMUM X                   | : | -1.373 | -1.319 | -1.218 |
| MAXIMUM Y                   | : | 1.292  | 1.108  | 1.122  |
| MINIMUM Y                   | : | -1.654 | -1.340 | -1.326 |
| CENTROID X                  | : | .093   | .038   | .203   |
| CENTROID Y                  | : | -.622  | -.438  | -.452  |
| POA TO CENTROID in.         | : | .629   | .440   | .495   |
| MIN RADIUS                  | : | .247   | .131   | .294   |
| MEAN RADIUS                 | : | .999   | .887   | .812   |
| MAX RADIUS                  | : | 1.724  | 1.433  | 1.370  |
| HORIZONTAL SPREAD           | : | 2.261  | 2.261  | 1.995  |
| VERTICAL SPREAD             | : | 2.946  | 2.448  | 2.448  |
| EXTREME SPREAD              | : | 3.082  | 2.599  | 2.599  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 2      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 5      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 9      |        |

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## CENTERFIRE PATTERNS

# 3

POA

1 in circle

2 in circle

3 in circle

CENTROID \*

# OF SHOTS = 10

# IN CIR

1 in = 3

2 in = 7

3 in = 9

HS = 2.719

VS = 1.783

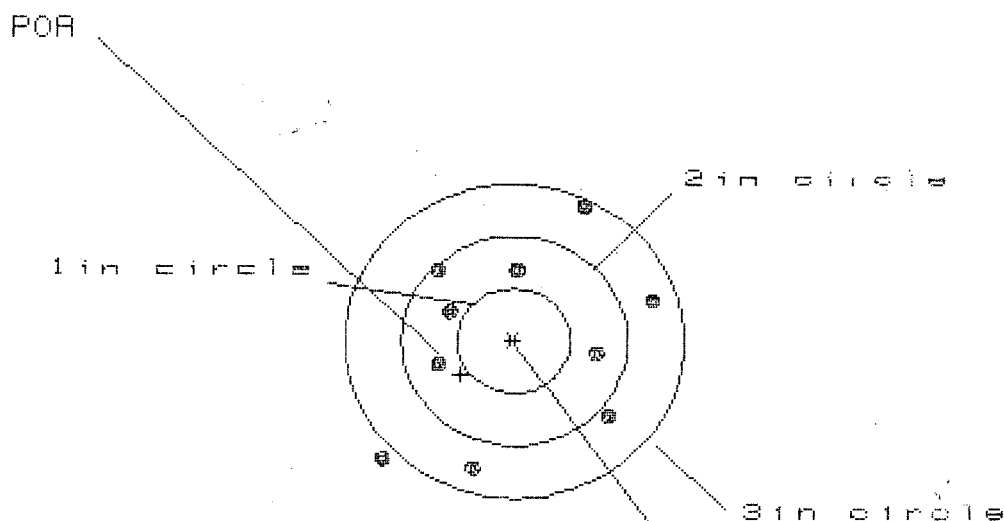
GS = 2.720

| PATTERN #                   | : | 3      |
|-----------------------------|---|--------|
| SHOTS (BEST OF)             | : | 10     |
| MAXIMUM X                   | : | 1.461  |
| MINIMUM X                   | : | -1.258 |
| MAXIMUM Y                   | : | .833   |
| MINIMUM Y                   | : | -.950  |
| CENTROID X                  | : | .201   |
| CENTROID Y                  | : | -.172  |
| POA TO CENTROID in.         | : | .264   |
| MIN RADIUS                  | : | .266   |
| MEAN RADIUS                 | : | .771   |
| MAX RADIUS                  | : | 1.610  |
| HORIZONTAL SPREAD           | : | 2.719  |
| VERTICAL SPREAD             | : | 1.783  |
| EXTREME SPREAD              | : | 2.720  |
| NUMBER IN ONE INCH CIRCLE   | = | 3      |
| NUMBER IN TWO INCH CIRCLE   | = | 7      |
| NUMBER IN THREE INCH CIRCLE | = | 9      |

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## CENTERFIRE PATTERNS # 4



# OF SHOTS - 10

# IN CIR

1 in = 0

2 in = 5

3 in = 9

HS = 2.310

VS = 2.543

GS = 2.967

CENTROID \*

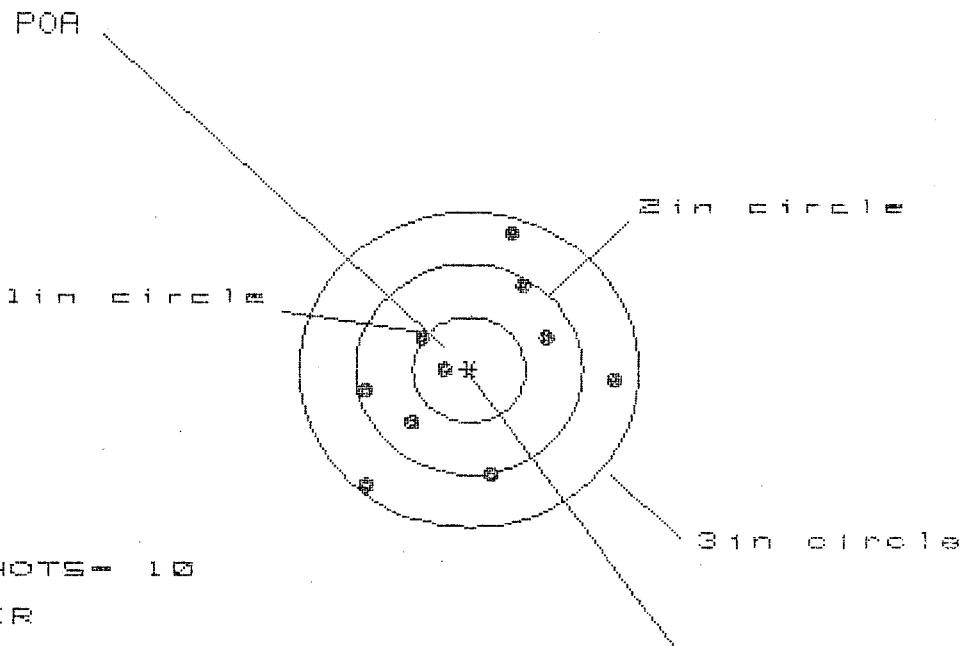
| PATTERN #                     | : | 4      |        |        |
|-------------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)               | : | 10     | 9      | 8      |
| MAXIMUM X                     | : | 1.179  | 1.053  | 1.111  |
| MINIMUM X                     | : | -1.131 | -0.786 | -0.728 |
| MAXIMUM Y                     | : | 1.294  | 1.170  | 0.727  |
| MINIMUM Y                     | : | -1.249 | -1.373 | -1.227 |
| CENTROID X                    | : | 0.471  | 0.597  | 0.539  |
| CENTROID Y                    | : | 0.318  | 0.442  | 0.296  |
| POA TO CENTROID in.           | : | 0.568  | 0.743  | 0.615  |
| MIN RADIUS                    | : | 0.591  | 0.589  | 0.661  |
| MEAN RADIUS                   | : | 1.029  | 0.952  | 0.912  |
| MAX RADIUS                    | : | 1.594  | 1.474  | 1.317  |
| HORIZONTAL SPREAD             | : | 2.310  | 1.839  | 1.839  |
| VERTICAL SPREAD               | : | 2.543  | 2.543  | 1.954  |
| EXTREME SPREAD                | : | 2.967  | 2.732  | 2.289  |
| NUMBER IN ONE INCH CIRCLE =   |   |        | 0      |        |
| NUMBER IN TWO INCH CIRCLE =   |   |        | 5      |        |
| NUMBER IN THREE INCH CIRCLE = |   |        | 9      |        |

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## CENTERFIRE PATTERNS

# 5



# OF SHOTS- 10

# IN CIR

1in = 1

2in = 5

3in = 10

HS= 2.228

VS= 2.394

GS= 2.709

CENTROID #

| PATTERN #                   | : | 5      |        |       |
|-----------------------------|---|--------|--------|-------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8     |
| MAXIMUM X                   | : | 1.298  | 1.194  | 1.223 |
| MINIMUM X                   | : | -.938  | -.986  | -.957 |
| MAXIMUM Y                   | : | 1.350  | 1.234  | .867  |
| MINIMUM Y                   | : | -1.044 | -1.123 | -.968 |
| CENTROID X                  | : | .016   | .120   | .091  |
| CENTROID Y                  | : | -.006  | .110   | -.045 |
| POA TO CENTROID in.         | : | .018   | .162   | .101  |
| MIN RADIUS                  | : | .207   | .334   | .282  |
| MEAN RADIUS                 | : | .904   | .853   | .791  |
| MAX RADIUS                  | : | 1.398  | 1.256  | 1.224 |
| HORIZONTAL SPREAD           | : | 2.228  | 2.180  | 2.180 |
| VERTICAL SPREAD             | : | 2.394  | 2.357  | 1.835 |
| EXTREME SPREAD              | : | 2.709  | 2.365  | 2.182 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 1      |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 6      |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 10     |       |