

FURN

UPC



0 47700 25716 7

C6665856

\*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.

C6665856

20

ORDER NO.

5716

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



5716 C6665856

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 #

**C6665856**

| OP. #     | OP. NAME                                                 | READINGS | DATE     | INIT |
|-----------|----------------------------------------------------------|----------|----------|------|
| 575 & 580 | Assemble Action and Stock                                |          | 9/27/91  | KH   |
| 600       | Proof                                                    |          | 9/27/91  | KH   |
| 607       | Check Headspace                                          |          | 9/27/91  | KH   |
| 610       | Dis-assemble Gun                                         |          | 9/27/91  | KH   |
| 612       | Magnaflux Barrel Action                                  | OCT      | 4 1991   | Kcd  |
|           | Magnaflux Bolt                                           | OCT      | 4 1991   | Kcd  |
| 615       | Rollmark Caliber                                         | OCT      | 4 1991   | CS   |
| 617       | Drill and Tap Sight Holes                                | OCT      | 4 1991   | LB   |
| 618       | Polish Barrel                                            |          | 4 1991   | LB   |
| 620       | Apply Coatings (Barrel Action)                           |          | 10-18-91 | TJA  |
|           | Apply Coating (Bolt)                                     |          |          |      |
| 625       | Final Assembly<br>A) Clean inside of Bolt Assembly       |          | 11/4/91  | KH   |
|           | B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head |          | 11/4/91  | KH   |
|           | C) Inspect Ejector Hole for Chamfer                      |          | 11/4/91  | KH   |
|           | D) Oil Firing Pin Ass'y                                  |          | 11/4/91  | KH   |
|           | E) Adjust Trigger Pull to Min Setting and Stake          |          | 11-5-91  | AL   |

| op. #        | OP. NAME                                                    | READINGS |      |      |      |      | DATE     | INIT |
|--------------|-------------------------------------------------------------|----------|------|------|------|------|----------|------|
| 625<br>cont. | F) Safety On Force                                          | 5        | 5    | 5    |      |      | 11-5-91  | JK   |
|              | G) Safety Off Force                                         | 3        | 3    | 3    |      |      | 11-5-91  | JK   |
|              | H) Trigger Pull Test & Retainability                        |          |      |      |      |      | 11-5-91  | JK   |
|              | I) Firing Pin Indent                                        | 0215     | 021  | 021  |      |      | 11-5-91  | JK   |
|              | J) Assemble Stock                                           |          |      |      |      |      | 11/5/91  | JK   |
|              | K) Assemble Swivel Studs                                    |          |      |      |      |      | 11-27-91 | JK   |
|              | L) Attach Front and Rear Sight Assemblies                   |          |      |      |      |      | 11/5/91  | JK   |
|              | M) Iron Sight Alignment                                     |          |      |      |      |      | 11/5/91  | JK   |
|              | N) Detach Front & Rear Sights & place in numbered container |          |      |      |      |      | 11/5/91  | JK   |
|              | O) Attach Scope to Rifle                                    |          |      |      |      |      | 11/5/91  | JK   |
|              | P) Detach & Attach Scope 20 Times                           |          |      |      |      |      | 11/5/91  | JK   |
| 640          | Gallery Target & Test                                       |          |      |      |      |      | 11-8-91  | NF   |
|              | A) Time                                                     |          |      |      |      |      | "        | NF   |
|              | B) Malfunctions                                             |          |      |      |      |      | "        | NF   |
|              | C) Pierced Primers                                          |          |      |      |      |      | "        | NF   |
|              | D) Optical Clarity of Scope                                 |          |      |      |      |      | "        | NF   |
| 645          | Inspect for Live Ammo                                       |          |      |      |      |      | 11-8-91  | NF   |
| 655          | Final Inspection                                            |          |      |      |      |      |          |      |
|              | A) Headspace                                                |          |      |      |      |      | 11-27-91 | AK   |
|              | B) Trigger Pull                                             | 2.39     | 2.41 | 2.34 | 2.40 | 2.40 | 11-13-91 | AK   |
|              | C) Function                                                 |          |      |      |      |      | 11-27-91 | AK   |
| 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 C-6665856

DATE 11-5-91

TESTER JL

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |      | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|------|------------------------------------------------------------------------|
| PULL #1 | 2.26             | 2.66                     | 2.50                           | 2.39 | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.54             | 2.60                     | 2.53                           | 2.41 |                                                                        |
| PULL #3 | 2.61             | 2.34                     | 2.49                           | 2.34 |                                                                        |
| PULL #4 | 2.58             | 2.28                     | 2.51                           | 2.40 |                                                                        |
| PULL #5 | 2.65             | 2.54                     | 2.55                           | 2.40 |                                                                        |
| TOTAL   |                  |                          |                                |      |                                                                        |
| AVG.    |                  |                          |                                |      |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.65             | 3.34                     |  |          |
| PULL #2 | 3.65             | 3.31                     |  |          |
| PULL #3 | 3.38             | 3.39                     |  |          |
| PULL #4 | 3.38             | 3.38                     |  |          |
| PULL #5 | 3.41             | 3.39                     |  |          |
| 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 | 4.45             | 4.32                     |                                | 4.39                                 |
| PULL #2 | 4.35             | 4.33                     |                                | 4.41                                 |
| PULL #3 | 4.40             | 4.41                     |                                | 4.41                                 |
| PULL #4 | 4.46             | 4.37                     |                                | 4.41                                 |
| PULL #5 | 4.41             | 4.43                     |                                | 4.43                                 |
| TOTAL   |                  |                          |                                |                                      |
| AVG.    |                  |                          |                                |                                      |

1000 YARD CALCULATIONS  
RIFLE # 46665856  
1000 YARD

1000 YARD DISTANCES

|   |         |
|---|---------|
| 1 | .464557 |
| 2 | .843237 |
| 3 | .404827 |
| 4 | .368136 |
| 5 | .347449 |

2  
# <----FOR

COORDINATE FOR THIS RIFLE IS: -.3442  
COORDINATE FOR THIS RIFLE IS: .0654  
ORANGE POI RADIUS FOR THIS RIFLE IS: .350356

RIFLE IS: .957

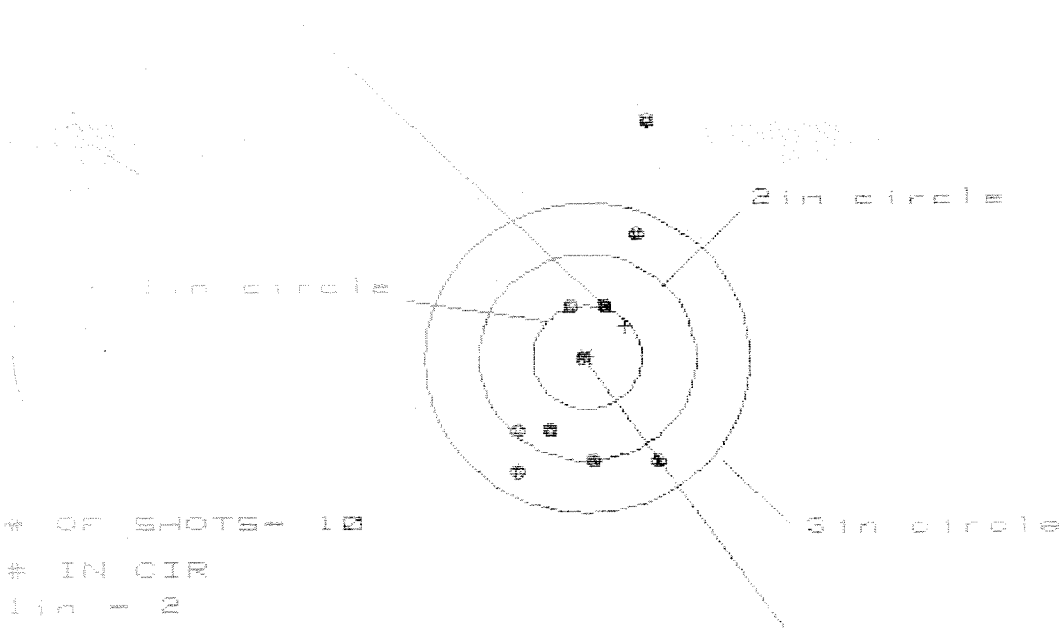
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FILE: \PATTERNING\CENTERFIRE\_PATT\08665856

# CENTERFIRE PATTERNS

# 1

RDP



\* OF SHOTS- 10

# IN CIR

1in = 2

2in = 4

3in = 9

HS= 1.352

VS= 3.405

GS= 3.615

CENTROID \*

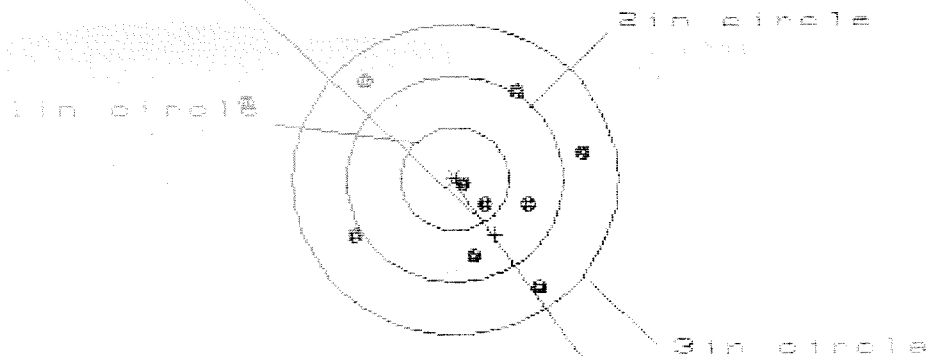
| PATTERN #                   | 1      | 2     | 3     |
|-----------------------------|--------|-------|-------|
| SHOTS (BEST OF)             | 10     | 9     | 8     |
| MAXIMUM X                   | .658   | .720  | .782  |
| MINIMUM X                   | -.694  | -.632 | -.570 |
| MAXIMUM Y                   | 2.314  | 1.489 | .916  |
| MINIMUM Y                   | -1.091 | -.834 | -.647 |
| CENTROID X                  | -.353  | -.415 | -.477 |
| CENTROID Y                  | -.382  | -.559 | -.746 |
| RDP TO CENTROID in.         | .465   | .696  | .885  |
| TOP RING IN                 | .012   | .271  | .330  |
| MEAN RADIAL                 | .991   | .825  | .709  |
| RA. RADIUS                  | 2.380  | 1.570 | .966  |
| HORIZONTAL SPREAD           | 1.352  | 1.352 | 1.352 |
| VERTICAL SPREAD             | 3.405  | 2.323 | 1.563 |
| EXTREME SPREAD              | 3.615  | 2.567 | 1.775 |
| NUMBER IN ONE INCH CIRCLE   | =      | 2     |       |
| NUMBER IN TWO INCH CIRCLE   | =      | 4     |       |
| NUMBER IN THREE INCH CIRCLE | =      | 9     |       |

E 807 051

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# CENTERFIRE PATTERNS # 2

FOR



# OF SHOTS= 10

# IN CIR

1in = 2

2in = 5

3in = 3

HS= 3.021

VS= 2.076

GS= 3.256

CENTROID #

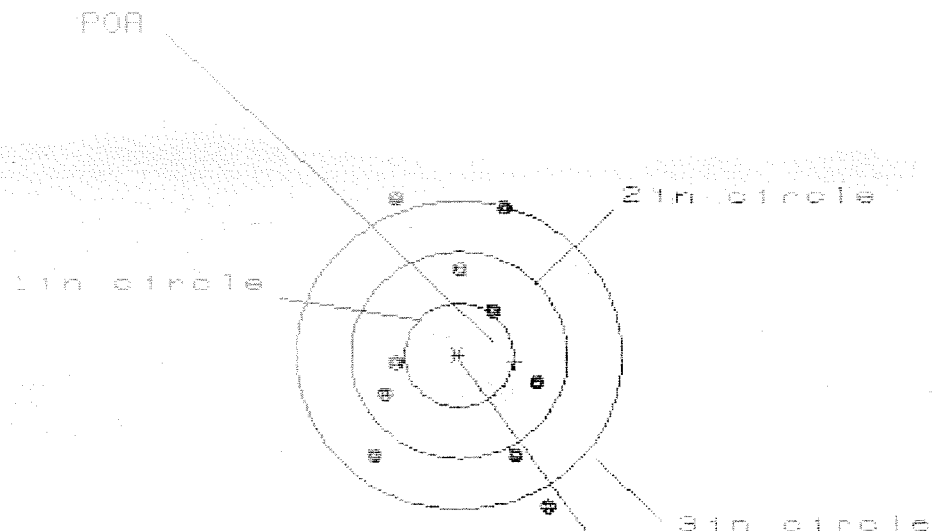
|                             |   |        |        |        |
|-----------------------------|---|--------|--------|--------|
| PATTERN #                   | : | 2      |        |        |
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.127  | .916   | .987   |
| MINIMUM X                   | : | -1.894 | -1.173 | -1.102 |
| MAXIMUM Y                   | : | .992   | 1.078  | .953   |
| MINIMUM Y                   | : | -1.084 | -.998  | -.743  |
| CENTROID X                  | : | -.373  | -.162  | -.233  |
| CENTROID Y                  | : | .541   | .455   | .500   |
| POA TO CENTROID in.         | : | .657   | .483   | .625   |
| MIN RADIUS                  | : | .099   | .138   | .059   |
| MEAN RADIUS                 | : | .978   | .802   | .771   |
| MAX RADIUS                  | : | 2.046  | 1.473  | 1.333  |
| HORIZONTAL SPREAD           | : | 3.021  | 2.089  | 2.089  |
| VERTICAL SPREAD             | : | 2.076  | 2.076  | 1.696  |
| EXTREME SPREAD              | : | 3.256  | 2.605  | 2.224  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 2      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 5      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 9      |        |

S No. 1531

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## CENTERFIRE PATTERNS

# 3



# OF SHOTS- 10

# IN CIR

1in = 1

2in = 5

3in = 7

HS= 1.597

VS= 2.988

GS= 3.270

CENTROID \*

PATTERN #

3

SHOTS (BEST OF)

10

9

8

MAXIMUM X

.771

.829

.770

MINIMUM X

-.826

-.740

-.799

MAXIMUM Y

1.528

1.366

1.498

MINIMUM Y

-1.460

-1.128

-.958

CENTROID X

-.515

-.601

-.542

CENTROID Y

.069

.231

.061

POA TO CENTROID in.

.528

.644

.546

MIN RADIUS

.481

.431

.504

MEAN RADIUS

1.066

.988

.922

MAX RADIUS

1.651

1.445

1.544

HORIZONTAL SPREAD

1.597

1.569

1.569

VERTICAL SPREAD

2.988

2.494

2.445

EXTREME SPREAD

3.270

2.729

2.729

NUMBER IN ONE INCH CIRCLE =

1

NUMBER IN TWO INCH CIRCLE =

5

NUMBER IN THREE INCH CIRCLE =

7

8 Nov 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/C6685858

# CENTERFIRE PATTERNS

# 4

POA

1 in circle

2 in circle

3 in circle

# OF SHOTS = 10

# IN CIR

1 in = 1

2 in = 7

3 in = 9

HS = 1.972

VS = 2.402

GS = 2.713

CENTROID \*

PATTERN #

4

SHOTS (BEST OF)

10

9

8

MAXIMUM X : .872

.890

.754

MINIMUM X : -1.100

-1.082

-.929

MAXIMUM Y : 1.030

.865

.819

MINIMUM Y : -.572

-.369

-.378

CENTROID X : -.363

-.381

-.245

CENTROID Y : .066

-.137

-.091

POA TO CENTROID in. : .369

.404

.262

MIN RADIUS : .472

.268

.354

MEAN RADIUS : .898

.756

.702

MAX RADIUS : 1.837

1.144

.957

HORIZONTAL SPREAD : 1.972

1.972

1.683

VERTICAL SPREAD : 2.402

1.234

1.197

EXTREME SPREAD : 2.713

1.991

1.686

NUMBER IN ONE INCH CIRCLE =

1

NUMBER IN TWO INCH CIRCLE =

7

NUMBER IN THREE INCH CIRCLE =

9

10 MAY 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/C66A5856

# CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

CENTROID #

# OF SHOTS- 10

# IN CIR

1 in = 2

2 in = 6

3 in = 10

HS= 2.388

VS= 2.320

GS= 2.412

PATTERN #

5

| SHOTS (BEST OF)               | 10     | 9      | 8     |
|-------------------------------|--------|--------|-------|
| MAXIMUM X                     | 1.040  | .891   | .892  |
| MINIMUM X                     | -1.348 | -.541  | -.540 |
| MAXIMUM Y                     | 1.252  | 1.253  | .933  |
| MINIMUM Y                     | -1.068 | -1.067 | -.910 |
| CENTROID X                    | -.117  | .032   | .031  |
| CENTROID Y                    | -.047  | -.048  | -.205 |
| POA TO CENTROID in.           | .127   | .058   | .207  |
| MIN RADIUS                    | .366   | .435   | .323  |
| MEAN RADIUS                   | .852   | .796   | .722  |
| MAX RADIUS                    | 1.348  | 1.253  | 1.000 |
| HORIZONTAL SPREAD             | 2.388  | 1.432  | 1.432 |
| VERTICAL SPREAD               | 2.320  | 2.320  | 1.843 |
| EXTREME SPREAD                | 2.412  | 2.321  | 1.865 |
| NUMBER IN ONE INCH CIRCLE =   |        | 2      |       |
| NUMBER IN TWO INCH CIRCLE =   |        | 6      |       |
| NUMBER IN THREE INCH CIRCLE = |        | 10     |       |