

C6523415

MODEL 760™ M24

Model SMS™

Action

Barrel Length

Capacity

Order No. 5716

\* Includes 1 in chamber.

*Remington*

VERY IMPORTANT:  
INSTRUCTION BOOK  
ENCLOSED TO ASSURE  
SAFE USE OF THIS  
FIREARM.

**Remington®**

REG. U.S. PAT. & TM. OFF.

**MODEL 700™ H24**

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

**SERIAL NO.**  
C6523415

**ORDER NO.**  
5716

01

UPC

0 47700 25716 7

5716 C6523415

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6523415

| OP. #        | OP. NAME                                                       | READINGS | DATE     | INIT |
|--------------|----------------------------------------------------------------|----------|----------|------|
| 575 &<br>580 | Assemble Action<br>and Stock                                   | 10 9     | 90       | RW   |
| 600          | Proof                                                          | 10 9     | 90       | RW   |
| 607          | Check Headspace                                                | 10 9     | 90       | RW   |
| 610          | Dis-assemble Gun                                               | 10 9     | 90       | RW   |
| 612          | Magnaflux Barrel<br>Action                                     |          | 10/17/90 | KR   |
|              | Magnaflux Bolt                                                 |          | 10/17/90 | KR   |
| 615          | Rollmark Caliber                                               |          | 10/17/90 | GL   |
| 617          | Drill and Tap Sight Holes                                      |          | 10/18/90 | FB   |
| 618          | Polish Barrel RB                                               |          | 10/19/90 | RB   |
| 620          | Apply Coatings<br>(Barrel Action)                              |          | 11-5-90  | JA   |
|              | Apply Coating (Bolt)                                           |          |          |      |
| 625          | Final Assembly<br>A) Clean inside of<br>Bolt Assembly          |          | 11/7/90  | RW   |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |          | 11/7/90  | RW   |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |          | 11/7/90  | RW   |
|              | D) Oil Firing Pin Ass'y                                        |          | 11/7/90  | RW   |
|              | E) Adjust Trigger Pull to<br>Min Setting and Stake             |          | 11-13-90 | RU   |

| op. #        | OP. NAME                                                    | READINGS |       |       |     |     | DATE     | INIT |
|--------------|-------------------------------------------------------------|----------|-------|-------|-----|-----|----------|------|
| 625<br>cont. | F) Safety On Force                                          | 4 1/2    | 4 1/2 | 4 1/2 |     |     | 11/15/90 | WB   |
|              | G) Safety Off Force                                         | 2 1/2    | 2 1/2 | 2 1/2 |     |     | 11/15/90 | WB   |
|              | H) Trigger Pull Test & Retainability                        |          |       |       |     |     | 11/13/90 | JH   |
|              | I) Firing Pin Indent                                        | .020     | .020  | .0205 |     |     | 11/15/90 | WB   |
|              | J) Assemble Stock                                           |          |       |       |     |     | 11/15/90 | RW   |
|              | K) Assemble Swivel Studs                                    |          |       |       |     |     | 11-26-90 | 928  |
|              | L) Attach Front and Rear Sight Assemblies                   |          |       |       |     |     | 11/15/90 | RW   |
|              | M) Iron Sight Alignment                                     |          |       |       |     |     | 11/15/90 | RW   |
|              | N) Detach Front & Rear Sights & place in numbered container |          |       |       |     |     | 11/15/90 | RW   |
|              | O) Attach Scope to Rifle                                    |          |       |       |     |     | 11/15/90 | RW   |
|              | P) Detach & Attach Scope 20 Times                           |          |       |       |     |     | 11/15/90 | RW   |
| 640          | Gallery Target & Test                                       |          |       |       |     |     | 11-21-90 | DH   |
|              | A) Time                                                     |          |       |       |     |     | 11-21-90 | DH   |
|              | B) Malfunctions                                             |          |       |       |     |     | 11-21-90 | DH   |
|              | C) Pierced Primers                                          |          |       |       |     |     | 11-21-90 | DH   |
|              | D) Optical Clarity of Scope                                 |          |       |       |     |     | 11-21-90 | DH   |
| 645          | Inspect for Live Ammo                                       |          |       |       |     |     | 11-21-90 | DH   |
| 655          | Final Inspection                                            |          |       |       |     |     |          |      |
|              | A) Headspace                                                |          |       |       |     |     | 11-26-90 | 928  |
|              | B) Trigger Pull                                             | 261      | 231   | 217   | 216 | 215 | 11-26-90 | 928  |
|              | C) Function                                                 |          |       |       |     |     | 11-26-90 | 928  |
| 660          | Pack                                                        |          |       |       |     |     | 12/14/90 | NF   |

SWS TRIGGER PULL TEST

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

SERIAL NO. 06523415

DATE 11-13-90

TESTER Jell.

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |      | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|------|------------------------------------------------------------------------|
| PULL #1 | 2.32             | 2.33                     | 2.45                           | 2.61 | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.25             | 2.38                     | 2.47                           | 2.31 |                                                                        |
| PULL #3 | 2.37             | 2.27                     | 2.19                           | 2.17 |                                                                        |
| PULL #4 | 2.34             | 2.39                     | 2.18                           | 2.10 |                                                                        |
| PULL #5 | 2.36             | 2.43                     | 2.37                           | 2.15 |                                                                        |
| TOTAL   |                  |                          |                                |      |                                                                        |
| AVG.    |                  |                          |                                |      |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.35             | 3.42                     |  |          |
| PULL #2 | 3.31             | 3.41                     |  |          |
| PULL #3 | 3.19             | 3.48                     |  |          |
| PULL #4 | 3.34             | 3.46                     |  |          |
| PULL #5 | 3.46             | 3.30                     |  |          |
| 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 | 4.28             | 4.38                     |                                | 4.47                                 |
| PULL #2 | 4.43             | 4.49                     |                                | 4.42                                 |
| PULL #3 | 4.31             | 4.47                     |                                | 4.44                                 |
| PULL #4 | 4.37             | 4.40                     |                                | 4.43                                 |
| PULL #5 | 4.51             | 4.20                     |                                | 4.49                                 |
| TOTAL   |                  |                          |                                |                                      |
| AVG.    |                  |                          |                                |                                      |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # C6523415  
26 Nov 1990

CENTROIDAL DISTANCES

|        |          |
|--------|----------|
| 0 TO 1 | .162197  |
| 1 TO 2 | .22064   |
| 1 TO 3 | .278604  |
| 1 TO 4 | .118089  |
| 1 TO 5 | .0563649 |

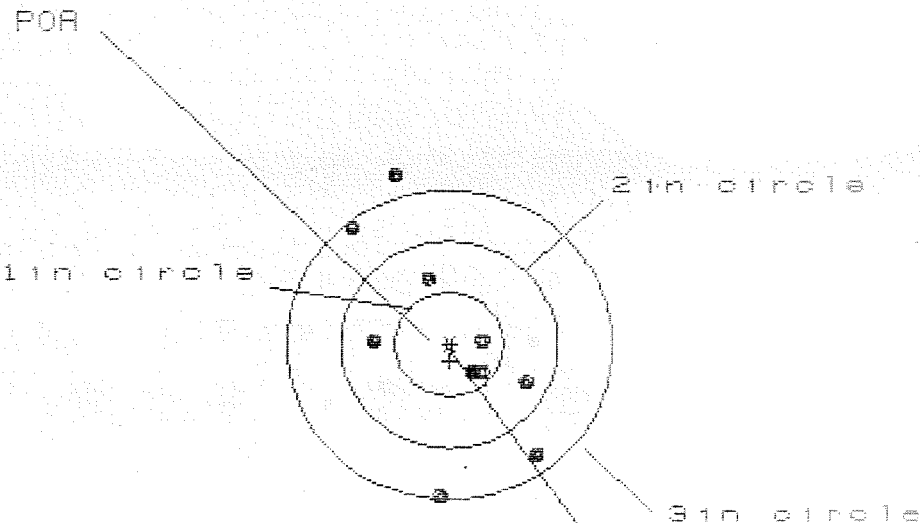
4 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .019  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0494  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0529279  
THE AMR FOR THIS RIFLE IS: .9438

26 Nov 1998

FILE:/PATTERNING/CENTERFIRE\_PATT/C8523415

# CENTERFIRE PATTERNS # 1



# OF SHOTS= 10

# IN CIR

1in = 3

2in = 6

3in = 9

HS= 1.694

VS= 3.062

GS= 3.085

CENTROID \*

| PATTERN #                     | 1      | 2      | 3      |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | .803   | .751   | .734   |
| MINIMUM X                     | -.891  | -.943  | -.960  |
| MAXIMUM Y                     | 1.614  | 1.313  | 1.154  |
| MINIMUM Y                     | -1.448 | -1.269 | -1.028 |
| CENTROID X                    | -.008  | .044   | .061   |
| CENTROID Y                    | .162   | -.017  | .142   |
| POA TO CENTROID in.           | .162   | .047   | .154   |
| MIN RADIUS                    | .319   | .162   | .260   |
| MEAN RADIUS                   | .903   | .781   | .721   |
| MAX RADIUS                    | 1.679  | 1.616  | 1.501  |
| HORIZONTAL SPREAD             | 1.694  | 1.694  | 1.694  |
| VERTICAL SPREAD               | 3.062  | 2.582  | 2.182  |
| EXTREME SPREAD                | 3.085  | 2.762  | 2.762  |
| NUMBER IN ONE INCH CIRCLE =   |        | 3      |        |
| NUMBER IN TWO INCH CIRCLE =   |        | 6      |        |
| NUMBER IN THREE INCH CIRCLE = |        | 9      |        |

26 Nov 1998

FILE:/PATTERNING/CENTERFIRE\_PATT/06523415

# CENTERFIRE PATTERNS

# 2

POA

1in circle

2in circle

3in circle

# OF SHOTS= 10

# IN CIR

1in = 1

2in = 6

3in = 9

HS= 2.965

VS= 1.861

GS= 2.965

CENTROID \*

| PATTERN #                   | : | 2      |        |        |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.594  | .861   | .712   |
| MINIMUM X                   | : | -1.371 | -1.194 | -1.150 |
| MAXIMUM Y                   | : | .878   | .913   | .963   |
| MINIMUM Y                   | : | -.983  | -.948  | -.898  |
| CENTROID X                  | : | .121   | -.056  | .093   |
| CENTROID Y                  | : | -.017  | -.052  | -.102  |
| POA TO CENTROID in.         | : | .122   | .077   | .138   |
| MIN RADIUS                  | : | .371   | .551   | .414   |
| MEAN RADIUS                 | : | .972   | .903   | .838   |
| MAX RADIUS                  | : | 1.624  | 1.258  | 1.185  |
| HORIZONTAL SPREAD           | : | 2.965  | 2.055  | 1.862  |
| VERTICAL SPREAD             | : | 1.861  | 1.861  | 1.861  |
| EXTREME SPREAD              | : | 2.965  | 2.339  | 1.971  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 1      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 6      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 9      |        |

26 May 1998

FILE:/PATTERNING/CENTERFIRE\_PATT/05523415

# CENTERFIRE PATTERNS

# 3

POA

1 in circle

2 in circle

3 in circle

# OF SHOTS- 10

# IN CIR

1 in = 1

2 in = 4

3 in = 8

HS= 2.529

VS= 2.468

GS= 3.234

CENTROID #

PATTERN #

3

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.391

1.265

1.143

MINIMUM X

-1.138

-1.156

-.998

MAXIMUM Y

1.109

.958

1.021

MINIMUM Y

-1.359

-1.244

-1.181

CENTROID X

.030

.156

-.002

CENTROID Y

-.114

.037

-.026

POA TO CENTROID in.

.118

.161

.026

MIN RADIUS

.379

.401

.455

MEAN RADIUS

1.013

.929

.856

MAX RADIUS

1.773

1.362

1.211

HORIZONTAL SPREAD

2.529

2.421

2.141

VERTICAL SPREAD

2.468

2.202

2.202

EXTREME SPREAD

3.234

2.477

2.233

NUMBER IN ONE INCH CIRCLE =

1

NUMBER IN TWO INCH CIRCLE =

4

NUMBER IN THREE INCH CIRCLE =

8

26 Nov 1998

FILE:/PATTERNING/CENTERFIRE\_PATT/C8523415

# CENTERFIRE PATTERNS

# 4

POA

1in circle

2in circle

3in circle

# OF SHOTS= 10

# IN CIR

1in = 2

2in = 6

3in = 9

HS= 2.719

VS= 1.932

GS= 3.141

CENTROID \*

PATTERN #

4

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.565

.740

.618

MINIMUM X

-1.154

-.980

-.992

MAXIMUM Y

1.039

1.138

1.065

MINIMUM Y

-.893

-.794

-.867

CENTROID X

-.091

-.265

-.143

CENTROID Y

.078

-.021

.052

POA TO CENTROID in.

.120

.266

.152

MIN RADIUS

.406

.335

.374

MEAN RADIUS

.903

.789

.735

MAX RADIUS

1.800

1.173

1.077

HORIZONTAL SPREAD

2.719

1.720

1.610

VERTICAL SPREAD

1.932

1.932

1.932

EXTREME SPREAD

3.141

2.139

1.948

NUMBER IN ONE INCH CIRCLE =

2

NUMBER IN TWO INCH CIRCLE =

6

NUMBER IN THREE INCH CIRCLE =

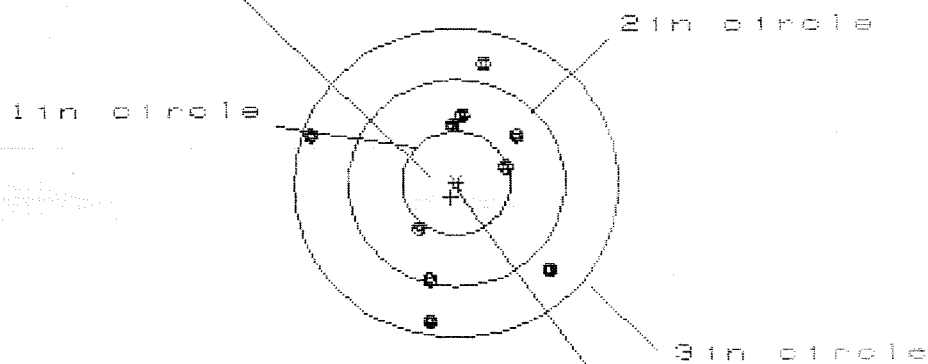
9

26 Nov 1998

FILE:/PATTERNING/CENTERFIRE\_PATT/06523415

# CENTERFIRE PATTERNS # 5

POA



# OF SHOTS = 10

# IN CIR

1in = 0

2in = 5

3in = 10

HS = 2.210

VS = 2.483

GS = 2.585

CENTROID #

|                     |   |        |        |        |
|---------------------|---|--------|--------|--------|
| PATTERN #           | : | 5      |        |        |
| SHOTS (BEST OF)     | : | 10     | 9      | 8      |
| MAXIMUM X           | : | .831   | .678   | .628   |
| MINIMUM X           | : | -1.379 | -.508  | -.558  |
| MAXIMUM Y           | : | 1.161  | 1.215  | 1.056  |
| MINIMUM Y           | : | -1.322 | -1.268 | -1.069 |
| CENTROID X          | : | .043   | .196   | .246   |
| CENTROID Y          | : | .138   | .084   | .243   |
| POA TO CENTROID in. | : | .145   | .214   | .345   |
| MIN RADIUS          | : | .528   | .411   | .386   |
| MEAN RADIUS         | : | .928   | .857   | .761   |
| MAX RADIUS          | : | 1.463  | 1.328  | 1.149  |
| HORIZONTAL SPREAD   | : | 2.210  | 1.186  | 1.186  |
| VERTICAL SPREAD     | : | 2.483  | 2.483  | 2.125  |

|                 |             |       |       |       |
|-----------------|-------------|-------|-------|-------|
| EXTREME         | SPREAD :    | 2.585 | 2.533 | 2.179 |
| NUMBER IN ONE   | INCH CIRCLE | =     | 0     |       |
| NUMBER IN TWO   | INCH CIRCLE | =     | 6     |       |
| NUMBER IN THREE | INCH CIRCLE | =     | 10    |       |