

C5648984

MODEL 700™ M24

Model SMS™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington

Remington
MODEL 700™ M24

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

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

SERIAL NO.
C6648984

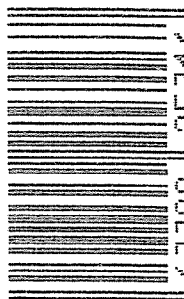
ORDER NO.
5716

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



5716 C6648984

UPC



0 47700 25716

CONTRACT # DAAA21-87-C-0086

GFM

GUN SERIAL #

C6648984

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		7/24/91	YK
600	Proof		7/24/91	YK
607	Check Headspace		7/24/91	YK
610	Dis-assemble Gun		7/24/91	YK
612	Magnaflux Barrel Action		AUG 7 1991	KR
	Magnaflux Bolt		AUG 7 1991	KR
615	Rollmark Caliber		AUG 7 1991	GS
617	Drill and Tap Sight Holes		AUG 7 1991	GS
618	Polish Barrel		AUG 13 1991	WB
620	Apply Coatings (Barrel Action)		8/27/91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/29/91	YK
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/29/91	YK
	C) Inspect Ejector Hole for Chamfer		8/29/91	YK
	D) Oil Firing Pin Ass'y		8/29/91	YK
	E) Adjust Trigger Pull to Min Setting and Stake		9/3/91	JU

op. #	BARBER M24 0030295	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6 1/4	6	6			9-3-91	DH
	G) Safety Off Force	2 3/4	2 3/4	3			9-3-91	DH
	H) Trigger Pull Test & Retainability						9-3-91	DL
	I) Firing Pin Indent	.021	.021	.022			9-3-91	DH
	J) Assemble Stock						9/3/91	KA
	K) Assemble Swivel Studs						9-9-91	K
	L) Attach Front and Rear Sight Assemblies						9/3/91	KA
	M) Iron Sight Alignment						9/3/91	KA
	N) Detach Front & Rear Sights & place in numbered container						9/3/91	KA
	O) Attach Scope to Rifle						9/3/91	KA
	P) Detach & Attach Scope 20 Times						9/3/91	KA
640	Gallery Target & Test						9/4/91	KT
	A) Time							KT
	B) Malfunctions							KT
	C) Pierced Primers							KT
	D) Optical Clarity of Scope							KT
645	Inspect for Live Ammo						9/4/91	KT
655	Final Inspection							
	A) Headspace						9-9-91	K
	B) Trigger Pull	2.55	2.43	2.43	2.41	2.49	9-6-91	DL
	C) Function						9-9-91	K
660	Pack						9-18-91	NF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#
3.00# + .75#
4.00# + 1.00#

SERIAL NO. C6648984

DATE 9-3-91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.47	2.44	2.53	2.55	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.42	2.42	2.50	2.43	
PULL #3	2.37	2.42	2.48	2.43	
PULL #4	2.41	2.44	2.44	2.41	
PULL #5	2.42	2.51	2.51	2.49	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.28	3.44		
PULL #2	3.22	3.24		
PULL #3	3.33	3.42		
PULL #4	3.25	3.44		
PULL #5	3.41	3.41		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.30	4.39		4.34
PULL #2	4.41	4.31		4.45
PULL #3	4.37	4.47		4.31
PULL #4	4.39	4.31		4.33
PULL #5	4.45	4.43		4.43
TOTAL				
AVG.				

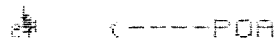
CENTROIDAL DISTANCE CALCULATIONS

FOR RIFLE # C6648984

4 Sep 1991

CENTROIDAL DISTANCES

0 TO	1	.336933
1 TO	2	.389281
1 TO	3	.210038
1 TO	4	.323736
1 TO	5	.299813


 ----POA

EAST COORDINATE FOR THIS RIFLE IS: -.0372

NORTH COORDINATE FOR THIS RIFLE IS: .1034

RANGE POI RADIUS FOR THIS RIFLE IS: .109888

RIFLE .9412

4 Sep 1991

FILE:/PATTERNING/CENTERFIRE_PATT/0864B9B4

CENTERFIRE PATTERNS # 1

POR

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 3

2in = 7

3in = 9

HS= 2.396

VS= 2.896

GS= 2.942

CENTROID *

PATTERN

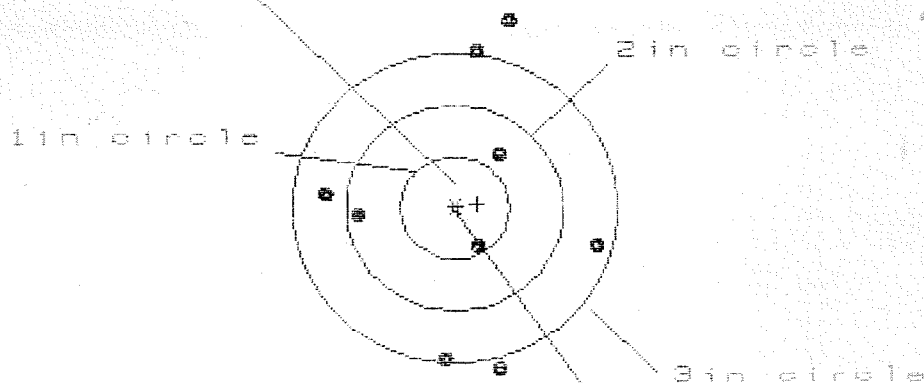
SHOTS (BEST OF)

	10	9	8
MAXIMUM X	1.104	1.050	.882
MINIMUM X	-1.292	-1.346	-.660
MAXIMUM Y	.763	.526	.553
MINIMUM Y	-2.133	-.745	-.718
CENTROID X	-.068	-.014	.154
CENTROID Y	.330	.567	.540
POR TO CENTROID in.	.337	.567	.562
MIN RADIUS	.083	.172	.112
90% RADIUS	.840	.660	.564
95% RADIUS	2.187	1.363	.892
HORIZONTAL SPREAD	2.396	2.396	1.542
VERTICAL SPREAD	2.896	1.271	1.271
EXTREME SPREAD	2.942	2.398	1.564
COUNT IN ONE INCH CIRCLE =		3	
COUNT IN TWO INCH CIRCLE =		7	
COUNT IN THREE INCH CIRCLE =		9	

4 Sep 1991 FILE:/PATTERNING/CENTERFIRE_PATT/06648984

CENTERFIRE PATTERNS # 2

POB



OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 5

HS= 2.509

VS= 3.449

GS= 3.449

CENTROID +

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.316	1.371	1.433
MINIMUM X	-1.193	-1.138	-1.077
MAXIMUM Y	1.842	1.691	1.515
MINIMUM Y	-1.607	-1.402	-1.476
CENTROID X	-.206	-.261	-.323
CENTROID Y	-.034	-.239	-.063
POB TO CENTROID in.	.209	.353	.329
MIN RADIUS	.362	.245	.404
MEAN RADIUS	1.191	1.091	1.032
MAX RADIUS	1.907	1.716	1.556
HORIZONTAL SPREAD	2.509	2.509	2.509
VERTICAL SPREAD	3.449	3.093	2.991
EXTREME SPREAD	3.449	3.100	3.006
NUMBER IN ONE INCH CIRCLE	= 1		
NUMBER IN TWO INCH CIRCLE	= 4		
NUMBER IN THREE INCH CIRCLE	= 5		

4 Sep 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6648984

CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 8

HS= 3.129

VS= 2.827

GS= 3.548

CENTROID *

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	2.037
MINIMUM X	-1.092
MAXIMUM Y	1.803
MINIMUM Y	-2.024
CENTROID X	-.018
CENTROID Y	.126
POA TO CENTROID in.	.127
MIN RADIUS	.138
MEAN RADIUS	1.072
MAX RADIUS	2.248
HORIZONTAL SPREAD	3.129
VERTICAL SPREAD	2.827
EXTREME SPREAD	3.548
NUMBER IN ONE INCH CIRCLE	2
NUMBER IN TWO INCH CIRCLE	6
NUMBER IN THREE INCH CIRCLE	8

4 Sep 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06548384

CENTERFIRE PATTERNS # 4

POB

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 3

2in = 6

3in = 10

HS= 2.098

VS= 2.318

GS= 2.338

CENTROID *

PATTERN #

4

SHOTS (BEST OF)

10

9

8

MAXIMUM X

.978

.891

.831

MINIMUM X

-1.128

-1.267

-1.267

MAXIMUM Y

1.155

.685

.555

MINIMUM Y

-1.163

-1.034

-.508

CENTROID X

.186

.185

.245

CENTROID Y

.057

-.072

.058

POB TO CENTROID in.

.120

.198

.252

MIN RADIUS

.107

.135

.032

MEAN RADIUS

.800

.724

.658

MAX RADIUS

1.357

1.222

1.307

HORIZONTAL SPREAD

2.098

2.098

2.098

VERTICAL SPREAD

2.318

1.719

1.063

EXTREME SPREAD

2.338

2.228

2.228

NUMBER IN ONE INCH CIRCLE =

3

NUMBER IN TWO INCH CIRCLE =

6

NUMBER IN THREE INCH CIRCLE =

10

1 Sep 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8648984

CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 3

2 in = 8

3 in = 9

HS= 1.632

VS= 2.850

GS= 3.061

CENTROID *

PATTERN #

5

SHOTS (BEST OF)

10

9

8

MAXIMUM X

.911

.856

.370

MINIMUM X

-.721

-.776

-1.669

MAXIMUM Y

.899

.682

.751

MINIMUM Y

-1.951

-.752

-.683

CENTROID X

.000

.055

-.052

CENTROID Y

.038

.255

.186

POA TO CENTROID in.

.038

.261

.193

MIN RADIUS

.093

.307

.250

MEAN RADIUS

.803

.680

.620

MAX RADIUS

2.012

1.020

.916

HORIZONTAL SPREAD

1.632

1.632

1.039

VERTICAL SPREAD

2.850

1.434

1.434

EXTREME SPREAD

3.061

1.722

1.451

NUMBER IN ONE INCH CIRCLE =

3

NUMBER IN TWO INCH CIRCLE =

8

NUMBER IN THREE INCH CIRCLE =

9