

C6648937

MODEL 700™ M24

Model **S&S**™

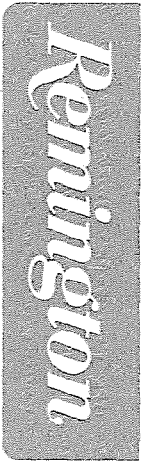
Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Remington
MODEL 700™ M24

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

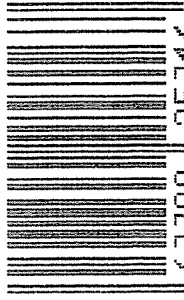
DUPONT
REG. U.S. PAT. & TM. OFF.

SERIAL NO.
C6648937

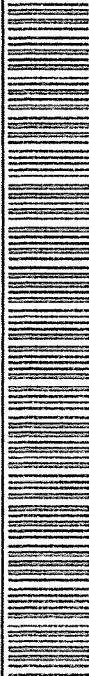
ORDER NO.
5716

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

UPC



0 47700 25716 7



5716 C6648937

GUN SERIAL # C6648937

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	7 2 5 1		RW
600	Proof	7 2 5 1		RW
607	Check Headspace	7 2 9 1		RW
610	Dis-assemble Gun	7 2 9 1		RW
612	Magnaflux Barrel Action		JUL 22 1991	JS
	Magnaflux Bolt		JUL 22 1991	JS
615	Rollmark Caliber		JUL 22 1991	JS
617	Drill and Tap Sight Holes		JUL 22 1991	FB
618	Polish Barrel		7/27/91	WB
620	Apply Coatings (Barrel Action)		8-2-91	JS
	Apply Coating (Bolt)		8-2-91	JS
625	Final Assembly A) Clean inside of Bolt Assembly		8/9/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/9/91	RW
	C) Inspect Ejector Hole for Chamfer		8/9/91	RW
	D) Oil Firing Pin Ass'y		8/9/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		8-10-91	JS

op. #	NAME BARBER M24 0033534	READINGS					DATE	INIT
625 cont.	F) Safety On Force	8	8	8			8-12-91	DH
	G) Safety Off Force	3 1/2	3	3			8-12-91	DH
	H) Trigger Pull Test & Retainability						8-10-91	JH
	I) Firing Pin Indent	.020	.020	.020			8-12-91	DH
	J) Assemble Stock						8/12/91	RW
	K) Assemble Swivel Studs						8-13-91	DH
	L) Attach Front and Rear Sight Assemblies						8/12/91	RW
	M) Iron Sight Alignment						8/12/91	RW
	N) Detach Front & Rear Sights & place in numbered container						8/12/91	RW
	O) Attach Scope to Rifle						8/12/91	RW
	P) Detach & Attach Scope 20 Times						8/12/91	RW
640	Gallery Target & Test						8-12-91	RF
	A) Time						"	RF
	B) Malfunctions						"	RF
	C) Pierced Primers						"	RF
	D) Optical Clarity of Scope						"	RF
645	Inspect for Live Ammo						8-12-91	RF
655	Final Inspection						8-13-91	DH
	A) Headspace							
	B) Trigger Pull	2.27	2.36	2.27	2.33	2.29	8-13-91	JH
	C) Function						8-13-91	DH
660	Pack						9-12-91	RF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6648937DATE 8-10-91TESTER JR

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.33	2.45	2.49	2.27	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.43	2.44	2.52	2.36	
PULL #3	2.36	2.52	2.50	2.27	
PULL #4	2.36	2.49	2.44	2.33	
PULL #5	2.44	2.52	2.49	2.29	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.39	3.56		
PULL #2	3.60	3.54		
PULL #3	3.39	3.54		
PULL #4	3.43	3.64		
PULL #5	3.50	3.58		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.53	4.17		4.25
PULL #2	4.35	4.19		4.23
PULL #3	4.20	4.37		4.28
PULL #4	4.23	4.18		4.28
PULL #5	4.20	4.25		4.39
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS

FOR RIFLE # C6648937

12 Aug 1991

CENTROIDAL DISTANCES

0 TO	1	.319714
1 TO	2	.401808
1 TO	3	.171283
1 TO	4	.525935
1 TO	5	.374214



X COORDINATE FOR THIS RIFLE IS: .028

Y COORDINATE FOR THIS RIFLE IS: .0254

RADIUS FOR THIS RIFLE IS: .0378042

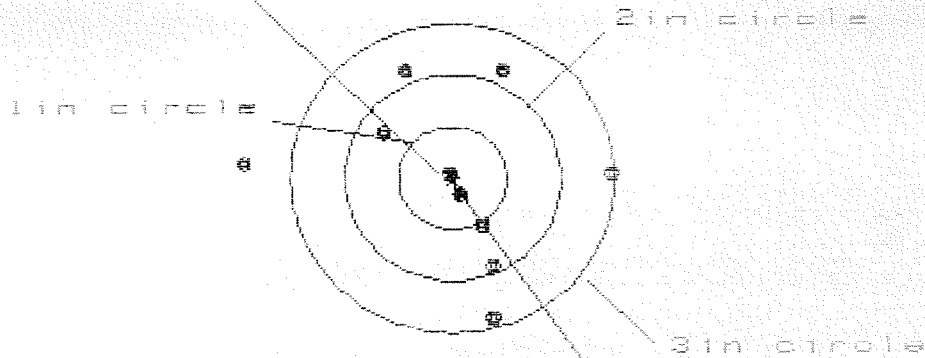
X RIFLE IS: .987

12 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6848337

CENTERFIRE PATTERNS # 5

POR



OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 9

1SE= 3.475

2SE= 2.461

3SE= 3.475

CENTROID *

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.496
MINIMUM X	-1.979
MAXIMUM Y	1.077
MINIMUM Y	-1.384
CENTROID X	-0.066
CENTROID Y	.155
PER TO CENTROID IN.	.169
MIN RADIUS	.068
MEAN RADIUS	.973
MAX RADIUS	1.985
HORIZONTAL SPREAD	3.475
VERTICAL SPREAD	2.461
EXTREME SPREAD	3.477
NUMBER IN ONE INCH CIRCLE	3
NUMBER IN TWO INCH CIRCLE	5
NUMBER IN THREE INCH CIRCLE	9

12 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6648937

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 1

2 in = 6

3 in = 8

HE = 4.261

VS = 2.417

CS = 4.291

CENTROID *

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.732	1.458	.575
MINIMUM X	-2.538	-.864	-.682
MAXIMUM Y	1.010	.965	.971
MINIMUM Y	-1.407	-1.452	-1.446
CENTROID X	-.168	.114	-.068
CENTROID Y	-.133	-.088	-.094
POA TO CENTROID in.	.214	.143	.116
MIN RADIUS	.326	.222	.246
MEAN RADIUS	1.089	.882	.807
MAX RADIUS	2.562	1.456	1.448
HORIZONTAL SPREAD	4.261	2.314	1.257
VERTICAL SPREAD	2.417	2.417	2.417
EXTREME SPREAD	4.291	2.430	2.430
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		

12 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C664B937

CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

CENTROID #

OF SHOTS = 10

IN CIR

1in = 4

2in = 7

3in = 10

HE = 1.260

VS = 2.086

GS = 2.095

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.590	.621	.691
MINIMUM X	-.670	-.639	-.561
MAXIMUM Y	1.146	1.079	.365
MINIMUM Y	-.940	-.812	-.678
CENTROID X	.151	.120	.042
CENTROID Y	.022	-.106	-.240
POA TO CENTROID in.	.153	.160	.244
MIN RADIUS	.179	.123	.171
MEAN RADIUS	.674	.597	.506
MAX RADIUS	1.180	1.245	.897
HORIZONTAL SPREAD	1.260	1.260	1.252
VERTICAL SPREAD	2.086	1.891	1.043
EXTREME SPREAD	2.095	1.894	1.455
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

12 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8646937

CENTERFIRE PATTERNS # 2

POB

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 1

2in = 7

3in = 9

HS= 1.426

VS= 2.747

GS= 2.894

CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.681	.623	.412
MINIMUM X	-.745	-.803	-.725
MAXIMUM Y	1.091	.997	.766
MINIMUM Y	-1.656	-1.131	-.845
CENTROID X	-.081	-.023	-.101
CENTROID Y	-.016	.168	.309
POB TO CENTROID in.	.082	.170	.325
MIN RADIUS	.425	.369	.249
MEAN RADIUS	.863	.737	.636
MAX RADIUS	1.736	1.291	.875
HORIZONTAL SPREAD	1.426	1.426	1.137
VERTICAL SPREAD	2.747	2.038	1.611
EXTREME SPREAD	2.894	2.058	1.704
NUMBER IN ONE INCH CIRCLE	=	1	
NUMBER IN TWO INCH CIRCLE	=	7	
NUMBER IN THREE INCH CIRCLE	=	9	

18 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/CAB4B937

CENTERFIRE PATTERNS # 1

POR

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 2

2 in = 6

3 in = 9

HE= 2.340

VE= 1.589

GE= 2.458

CENTROID #

PATTERN #

SHOTS (BEST OF)

MAXIMUM X

MINIMUM X

MAXIMUM Y

MINIMUM Y

CENTROID X

CENTROID Y

POR TO CENTROID in.

MIN RADIUS

MEAN RADIUS

MAX RADIUS

HORIZONTAL SPREAD

VERTICAL SPREAD

EXTREME SPREAD

NUMBER IN ONE INCH CIRCLE =

NUMBER IN TWO INCH CIRCLE =

NUMBER IN THREE INCH CIRCLE =

10

9

8

1.563

1.337

1.387

-1.777

-1.603

-1.633

1.800

1.894

1.756

-1.119

-1.105

-1.081

.304

.130

.160

.099

.085

.223

.319

.155

.274

.058

.117

.192

.836

.715

.675

1.568

1.347

1.387

2.340

1.940

1.940

1.999

1.999

1.757

2.458

2.074

2.074

2

6

9