

C6636112

MODEL 700™ M24

Model S&W™

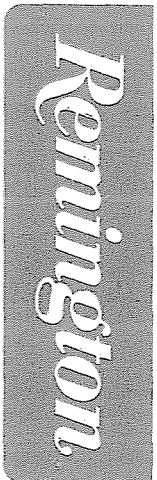
Action _____

Barrel Length _____

Capacity _____

Order No. 5716

*Includes 1 in chamber.



Remington®
REG. U.S. PAT. & TM. OFF.

MODEL 700™ M24

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

DUPONT

SERIAL NO.
C6636112

ORDER NO.
5716

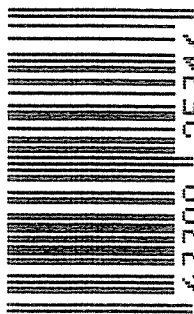
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MADE IN ILION, N.Y., U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.



5716 C6636112

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6636112

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	3 28	91	RW
600	Proof	3 28	91	RW
607	Check Headspace	3 28	91	RW
610	Dis-assemble Gun	3 28	91	RW
612	Magnaflux Barrel Action	APR	2 1991	KR
	Magnaflux Bolt	APR	2 1991	"
615	Rollmark Caliber	APR	2 1991	GS
617	Drill and Tap Sight Holes	APR	5 1991	LB
618	Polish Barrel	APR	5 1991	WB
620	Apply Coatings (Barrel Action)		4-10-91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/10/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/10/91	RW
	C) Inspect Ejector Hole for Chamfer		4/10/91	RW
	D) Oil Firing Pin Ass'y		4/10/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		4/15/91	fl

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			4/15/91	SL
	G) Safety Off Force	3	3	3			4/15/91	SL
	H) Trigger Pull Test & Retainability						4/15/91	SL
	I) Firing Pin Indent	1020	1020	1020			4/15/91	SL
	J) Assemble Stock						4/16/91	RW
	K) Assemble Swivel Studs						4-17-91	A
	L) Attach Front and Rear Sight Assemblies						4/16/91	RW
	M) Iron Sight Alignment						4/16/91	RW
	N) Detach Front & Rear Sights & place in numbered container						4/16/91	RW
	O) Attach Scope to Rifle						4/16/91	RW
	P) Detach & Attach Scope 20 Times						4/16/91	RW
640	Gallery Target & Test						4-16-91	AF
	A) Time						"	AF
	B) Malfunctions						"	AF
	C) Pierced Primers						"	AF
	D) Optical Clarity of Scope						"	AF
645	Inspect for Live Ammo						4-16-91	AF
655	Final Inspection						4-17-91	A
	A) Headspace						4/17/91	SL
	B) Trigger Pull	2.55	2.40	2.50	2.43	2.52	4/17/91	SL
	C) Function						4-17-91	AC
660	Pack						6-18-91	AF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C66 36112

DATE 4/25/91

TESTER QPL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.44	2.43	2.38	2.55	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.43	2.39	2.29	2.40	
PULL #3	2.42	2.26	2.36	2.50	
PULL #4	2.42	2.36	2.38	2.43	
PULL #5	2.43	2.29	2.40	2.52	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.45	3.45		
PULL #2	3.40	3.46		
PULL #3	3.46	3.46		
PULL #4	3.43	3.47		
PULL #5	3.45	3.44		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.32	4.38		4.38
PULL #2	4.31	4.33		4.39
PULL #3	4.36	4.32		4.40
PULL #4	4.30	4.33		4.33
PULL #5	4.30	4.36		4.14
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6636112.916
16 Apr 1991

CENTROIDAL DISTANCES

0 TO	1	.164542
1 TO	2	.0516624
1 TO	3	.344397
1 TO	4	.291496
1 TO	5	.365465

42

<----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0866
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0708
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .111858

THE AMR FOR THIS RIFLE IS: .8988

16 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8636112

CENTERFIRE PATTERNS

1

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS= 10

IN CIR

1in = 1

2in = 7

3in = 9

HS= 2.228

VS= 2.447

GS= 2.483

PATTERN

SHOTS (BEST OF)	10	9	8
MAXIMUM X	.964	.824	.845
MINIMUM X	-1.264	-.699	-.678
MAXIMUM Y	1.124	1.018	.839
MINIMUM Y	-1.323	-1.429	-.602
CENTROID X	.107	.247	.226
CENTROID Y	.125	.231	.410
POA TO CENTROID in.	.165	.338	.468
MIN RADIUS	.414	.585	.406
MEAN RADIUS	.916	.826	.731
MAX RADIUS	1.584	1.439	.868
HORIZONTAL SPREAD	2.228	1.523	1.523
VERTICAL SPREAD	2.447	2.447	1.441
EXTREME SPREAD	2.483	2.481	1.697
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	

18 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8635112

CENTERFIRE PATTERNS

2

POA

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIR

1in = 3

2in = 9

3in = 10

HS = 1.393

VS = 1.915

GS = 2.151

CENTROID #

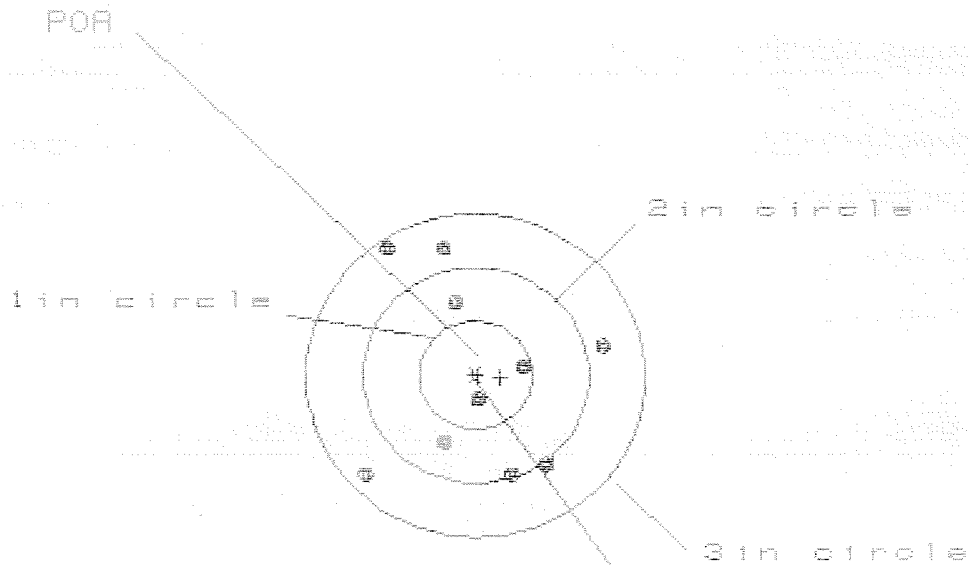
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.559	.581	.480
MINIMUM X	-.834	-.812	-.659
MAXIMUM Y	.567	.418	.466
MINIMUM Y	-1.348	-.746	-.698
CENTROID X	.072	.050	.151
CENTROID Y	.163	.312	.264
POA TO CENTROID in.	.178	.316	.384
MIN RADIUS	.262	.290	.239
MEAN RADIUS	.648	.554	.492
MAX RADIUS	1.363	.900	.807
HORIZONTAL SPREAD	1.393	1.393	1.139
VERTICAL SPREAD	1.915	1.164	1.164
EXTREME SPREAD	2.151	1.589	1.389
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		9	
NUMBER IN THREE INCH CIRCLE =		10	

16 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6636112

CENTERFIRE PATTERNS

3



OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 10

HS= 2.130

VS= 2.171

GS= 2.472

CENTROID *

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.140	1.055	.921
MINIMUM X	-.990	-1.075	-.540
MAXIMUM Y	1.218	1.352	1.255
MINIMUM Y	-.953	-.819	-.916
CENTROID X	-.221	-.136	-.002
CENTROID Y	.020	-.114	-.017
POA TO CENTROID in.	.222	.178	.017
MIN RADIUS	.205	.120	.276
MEAN RADIUS	.927	.845	.785
MAX RADIUS	1.424	1.393	1.340
HORIZONTAL SPREAD	2.130	2.130	1.461
VERTICAL SPREAD	2.171	2.171	2.171
EXTREME SPREAD	2.472	2.435	2.235
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	10		

16 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6636112

CENTERFIRE PATTERNS # 4

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 10

HS= 2.449

VS= 1.766

GS= 2.552

CENTROID *

PATTERN #

4

SHOTS (BEST OF)

10

9

8

MAXIMUM X : 1.321 1.196 1.156

MINIMUM X : -1.128 -1.188 -1.038

MAXIMUM Y : .839 .660 .707

MINIMUM Y : -.926 -.833 -.786

CENTROID X : -.184 -.059 -.209

CENTROID Y : .108 .015 -.032

POA TO CENTROID in. : .214 .061 .211

MIN RADIUS : .458 .613 .522

MEAN RADIUS : 1.043 .997 .953

MAX RADIUS : 1.406 1.300 1.174

HORIZONTAL SPREAD : 2.449 2.384 2.194

VERTICAL SPREAD : 1.766 1.493 1.493

EXTREME SPREAD : 2.552 2.550 2.277

NUMBER IN ONE INCH CIRCLE = 1

NUMBER IN TWO INCH CIRCLE = 5

NUMBER IN THREE INCH CIRCLE = 10

16 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C863B112

CENTERFIRE PATTERNS

5

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 8

HS= 2.681

VS= 2.114

GS= 2.735

CENTROID #

PATTERN #

5

SHOTS (BEST OF)

10

9

8

MAXIMUM X	1.612	.852	.710
MINIMUM X	-1.069	-.890	-.782
MAXIMUM Y	1.212	1.225	1.040
MINIMUM Y	-.902	-.889	-.736
CENTROID X	-.287	-.386	-.494
CENTROID Y	-.062	-.075	-.228
POA TO CENTROID in.	.216	.394	.544
MIN RADIUS	.179	.346	.441
MEAN RADIUS	.960	.885	.780
MAX RADIUS	1.617	1.495	1.272
HORIZONTAL SPREAD	2.681	1.747	1.492
VERTICAL SPREAD	2.114	2.114	1.776
EXTREME SPREAD	2.735	2.471	2.070
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		9	