

C6636088

MODEL 700™ M24

Model **S&S**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Remington®
REG. U.S. PAT. & TM. OFF.

MODEL 700™ M24

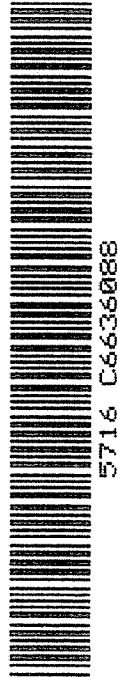
VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

SERIAL NO.
C6636088

ORDER NO.
5716

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

20



5716 C6636088

LPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6636088

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	5 2 9 1		Rw
600	Proof	5 2 9 1		Rw
607	Check Headspace	5 2 9 1		Rw
610	Dis-assemble Gun	5 2 9 1		Rw
612	Magnaflux Barrel Action	5 8 9 1		KCR
	Magnaflux Bolt	5 8 9 1		KCR
615	Rollmark Caliber	5 8 9 1		GB
617	Drill and Tap Sight Holes	5 15 9 1		LB
618	Polish Barrel	5 15 9 1		WB
620	Apply Coatings (Barrel Action)		5-29-91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		5/30/91	Rw
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/30/91	Rw
	C) Inspect Ejector Hole for Chamfer		5/30/91	Rw
	D) Oil Firing Pin Ass'y		5/30/91	Rw
	E) Adjust Trigger Pull to Min Setting and Stake		5/31/91	JA

op. #	BARBER M24 0037560	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			5/31/91	JK
	G) Safety Off Force	4	4	4			5/31/91	JK
	H) Trigger Pull Test & Retainability						5/31/91	JK
	I) Firing Pin Indent	.022	.0225	.0225			5/31/91	JK
	J) Assemble Stock						5/31/91	Ru
	K) Assemble Swivel Studs						6-3-91	JK
	L) Attach Front and Rear Sight Assemblies						5/31/91	Ru
	M) Iron Sight Alignment						5/31/91	Ru
	N) Detach Front & Rear Sights & place in numbered container						5/31/91	Ru
	O) Attach Scope to Rifle						5/31/91	Ru
	P) Detach & Attach Scope 20 Times						5/31/91	Ru
640	Gallery Target & Test						6-1-91	AF
	A) Time						"	AF
	B) Malfunctions						"	AF
	C) Pierced Primers						"	AF
	D) Optical Clarity of Scope						"	AF
645	Inspect for Live Ammo						6-1-91	AF
655	Final Inspection							
	A) Headspace						6-3-91	JK
	B) Trigger Pull	2.40	2.11	2.17	2.18	2.20	6/3/91	JK
	C) Function						6-3-91	JK
660	Pack						6-20-91	AF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C66036088DATE 5/31/91TESTER JR

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.46	2.38	2.48	2.40	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.48	2.67	2.55	2.11	
PULL #3	2.61	2.46	2.49	2.17	
PULL #4	2.47	2.36	2.38	2.18	
PULL #5	2.51	2.46	2.50	2.20	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.56	3.55		
PULL #2	3.55	3.54		
PULL #3	3.67	3.55		
PULL #4	3.53	3.25		
PULL #5	3.71	3.57		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.33	4.32		4.16
PULL #2	4.45	4.36		4.34
PULL #3	4.36	4.33		4.49
PULL #4	4.33	4.30		4.31
PULL #5	4.30	4.28		4.34
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
 FOR RIFLE # C6636088
 1 Jun 1991

CENTROIDAL DISTANCES

0 TO	1	.801414
1 TO	2	.518094
1 TO	3	1.32959
1 TO	4	.896177
1 TO	5	.944488

1
 2
 4
 2 (----POA

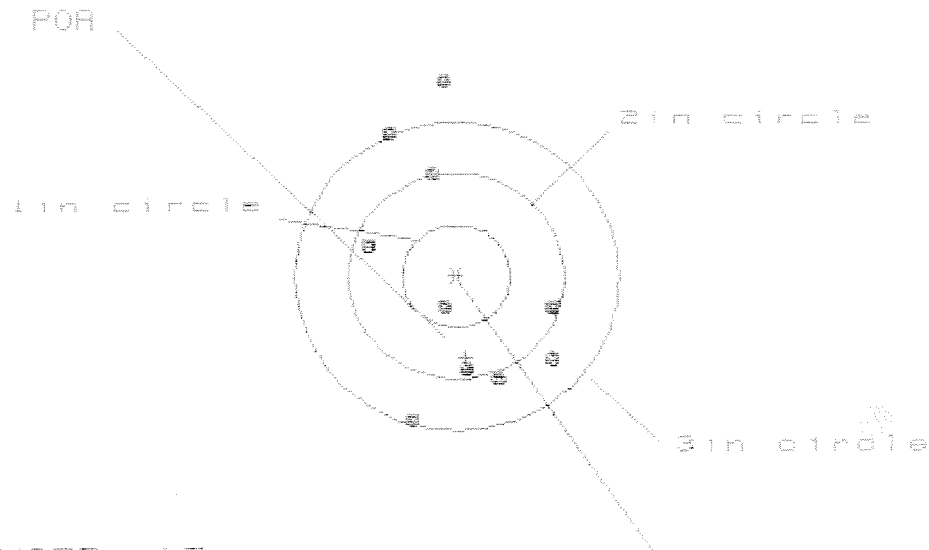
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1486
 THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1068
 THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .184172

THE HMR FOR THIS RIFLE IS: 1.112

1 Jun 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6036000

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 8

HS= 1.728

VS= 3.311

CS= 3.331

CENTROID #

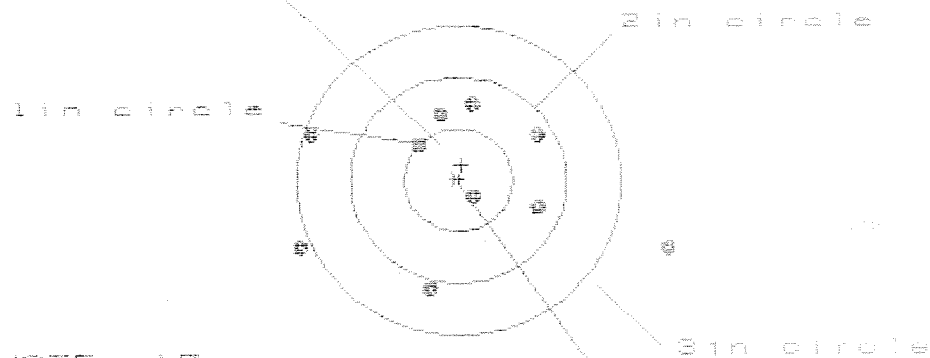
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.930	.922	.841
MINIMUM X	-.798	-.806	-.887
MAXIMUM Y	1.885	1.595	1.422
MINIMUM Y	-1.426	-1.217	-1.017
CENTROID X	-.084	-.076	.005
CENTROID Y	.797	.588	.388
POA TO CENTROID in.	.801	.592	.388
MIN RADIUS	.311	.144	.232
MEAN RADIUS	1.120	.986	.853
MAX RADIUS	1.887	1.721	1.463
HORIZONTAL SPREAD	1.728	1.728	1.728
VERTICAL SPREAD	3.311	2.812	2.439
EXTREME SPREAD	3.331	2.818	2.446
NUMBER IN ONE INCH CIRCLE	= 1		
NUMBER IN TWO INCH CIRCLE	= 4		
NUMBER IN THREE INCH CIRCLE	= 8		

1 Jun 1991

FILE:/PATTERNING/CENTERFIRE_PATT/CB536000

CENTERFIRE PATTERNS # 5

FOR



OF SHOTS= 10

IN CIR

1in = 1

2in = 6

3in = 3

HS= 3.452

VS= 1.815

GS= 3.452

CENTROID *

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	-1.936	-1.945	-1.783
MINIMUM X	-1.516	-1.301	-1.282
MAXIMUM Y	.787	.716	.626
MINIMUM Y	-1.828	-1.899	-1.189
CENTROID X	-.031	-.246	-.084
CENTROID Y	-.146	-.075	.015
POR TO CENTROID in.	.149	.257	.085
MIN RADIUS	.210	.331	.362
MEAN RADIUS	.995	.876	.763
MAX RADIUS	2.037	1.488	1.309
HORIZONTAL SPREAD	3.452	2.246	2.065
VERTICAL SPREAD	1.815	1.815	1.815
EXTREME SPREAD	3.452	2.482	2.143
NUMBER IN ONE INCH CIRCLE	= 1		
NUMBER IN TWO INCH CIRCLE	= 6		
NUMBER IN THREE INCH CIRCLE	= 3		

1 Jun 1991

FILE:/PATTERNING/CENTERFIRE_PATT/CS636000

CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 9

HS= 2.265

VS= 2.132

GS= 3.273

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.797	1.289	1.051
MINIMUM X	-1.468	-1.269	-.862
MAXIMUM Y	.800	.829	.837
MINIMUM Y	-1.332	-1.303	-1.295
CENTROID X	.273	.874	.232
CENTROID Y	-.025	-.054	-.062
POA TO CENTROID in.	.275	.892	.241
MIN RADIUS	.378	.327	.388
MEAN RADIUS	.966	.841	.794
MAX RADIUS	1.816	1.328	1.298
HORIZONTAL SPREAD	3.265	2.478	1.913
VERTICAL SPREAD	2.132	2.132	2.132
EXTREME SPREAD	3.273	2.479	2.160
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

JUN 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8536000

CENTERFIRE PATTERNS

3

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS - 10

IN CIR

1 in = 0

2 in = 2

3 in = 6

HS = 2.858

VS = 3.678

GS = 3.746

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.317	1.391	1.517
MINIMUM X	-1.552	-1.478	-1.352
MAXIMUM Y	1.240	.970	.759
MINIMUM Y	-2.438	-1.686	-1.709
CENTROID X	.380	.306	.180
CENTROID Y	-.449	-.179	.032
POA TO CENTROID in.	.588	.354	.183
MIN RADIUS	.650	.660	.532
MEAN RADIUS	1.399	1.213	1.064
MAX RADIUS	2.526	1.964	1.674
HORIZONTAL SPREAD	2.869	2.869	2.869
VERTICAL SPREAD	3.678	2.656	1.468
EXTREME SPREAD	3.746	3.079	3.079
NUMBER IN ONE INCH CIRCLE	=	0	
NUMBER IN TWO INCH CIRCLE	=	2	
NUMBER IN THREE INCH CIRCLE	=	6	

1 Jun 1991

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CENTERFIRE PATTERNS

2

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 2.268

VS= 3.117

GS= 3.573

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.962	1.011	.654
MINIMUM X	-1.306	-1.257	-1.162
MAXIMUM Y	1.187	.973	1.019
MINIMUM Y	-1.930	-1.384	-1.263
CENTROID X	.205	.156	.313
CENTROID Y	.367	.581	.460
POA TO CENTROID in.	.420	.602	.556
MIN RADIUS	.382	.396	.247
MEAN RADIUS	1.070	.971	.858
MAX RADIUS	1.980	1.589	1.263
HORIZONTAL SPREAD	2.268	2.268	2.016
VERTICAL SPREAD	3.117	2.357	2.282
EXTREME SPREAD	3.573	2.740	2.330
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		