

C6648996

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.

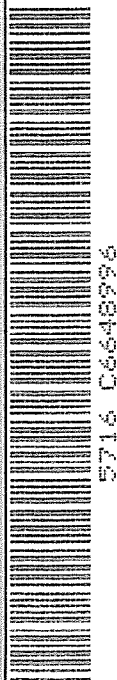
DUPONT
REG. U.S. PAT. & TM. OFF.

SERIAL NO.
 C6648996

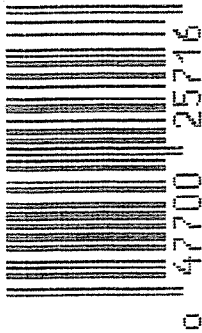
ORDER NO.
 5716

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

20



LPC



CONTRACT # DAAA21-87-C-0086

GFM

GUN SERIAL #

C6648996

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		7/24/91	YH
600	Proof		7/24/91	YH
607	Check Headspace		7/24/91	YH
610	Dis-assemble Gun		7/24/91	YH
612	Magnaflux Barrel Action		AUG 7 1991	KR
	Magnaflux Bolt		AUG 7 1991	KR
615	Rollmark Caliber		AUG 7 1991	BS
617	Drill and Tap Sight Holes		AUG 7 1991	LB
618	Polish Barrel		AUG 13 1991	WB
620	Apply Coatings (Barrel Action)		8/27/91	YH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/29/91	YH
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/29/91	YH
	C) Inspect Ejector Hole for Chamfer		8/29/91	YH
	D) Oil Firing Pin Ass'y		8/29/91	YH
	E) Adjust Trigger Pull to Min Setting and Stake		8/30/91	YH

op. #	BARBER M24 0030431	READINGS				DATE	INIT
625 cont.	F) Safety On Force	5	5	5		8/30/91	JK
	G) Safety Off Force	3	3	3		8/30/91	JK
	H) Trigger Pull Test & Retainability					8/30/91	JK
	I) Firing Pin Indent	1022	1023	1023		8/30/91	JK
	J) Assemble Stock					8/30/91	JK
	K) Assemble Swivel Studs					9-10-91	DH
	L) Attach Front and Rear Sight Assemblies					8/30/91	JK
	M) Iron Sight Alignment					8/30/91	JK
	N) Detach Front & Rear Sights & place in numbered container					8/30/91	JK
	O) Attach Scope to Rifle					8/30/91	JK
	P) Detach & Attach Scope 20 Times					8/30/91	JK
640	Gallery Target & Test					9-3-91	AF
	A) Time					"	AF
	B) Malfunctions					"	AF
	C) Pierced Primers					"	AF
	D) Optical Clarity of Scope					"	AF
645	Inspect for Live Ammo					9-3-91	AF
655	Final Inspection						
	A) Headspace					9-10-91	DH
	B) Trigger Pull	258	260	261	262	264	9-6-91
	C) Function						9-10-91
660	Pack						9-17-91

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. 06648926

DATE 8/30/91

TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.61	2.50	2.55	2.58	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.56	2.65	2.50	2.60	
PULL #3	2.60	2.63	2.52	2.61	
PULL #4	2.52	2.65	2.60	2.62	
PULL #5	2.60	2.63	2.68	2.54	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.58	3.48		
PULL #2	3.62	3.60		
PULL #3	3.45	3.49		
PULL #4	3.52	3.54		
PULL #5	3.57	3.48		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.27	4.27		4.41
PULL #2	4.21	4.25		4.36
PULL #3	4.25	4.24		4.36
PULL #4	4.28	4.33		4.30
PULL #5	4.28	4.20		4.35
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6648996
3 Sep 1991

CENTROIDAL DISTANCES

0 TO	1	.326933
1 TO	2	.379191
1 TO	3	.151743
1 TO	4	.423615
1 TO	5	.0885268

4E <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0925
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1372
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .165627

THE AMP FOR THIS RIFLE IS: .8486

Sep 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6648996

CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

CENTROID #

OF SHOTS = 10

IN CIR

1in = 3

2in = 5

3in = 8

HS = 2.423

VS = 3.058

GS = 3.785

PATTERN #	3		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.284	1.089	.906
MINIMUM X	-1.220	-1.334	-1.198
MAXIMUM Y	1.237	1.035	.758
MINIMUM Y	-1.821	-1.227	-1.098
CENTROID X	-.053	.062	-.075
CENTROID Y	-.222	-.020	-.149
POA TO CENTROID in.	.228	.065	.167
MIN RADIUS	.118	.140	.188
MEAN RADIUS	.916	.750	.660
MAX RADIUS	2.091	1.503	1.424
HORIZONTAL SPREAD	2.423	2.423	2.104
VERTICAL SPREAD	3.058	2.262	1.856
EXTREME SPREAD	3.785	2.773	2.370
SHOTS IN ONE INCH CIRCLE =		3	
SHOTS IN TWO INCH CIRCLE =		5	
SHOTS IN THREE INCH CIRCLE =		8	

Sep 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6648396

CENTERFIRE PATTERNS # 4

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 2

2in = 8

3in = 10

HS= 1.710

VS= 1.259

GS= 2.001

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.726	.616	.693
MINIMUM X	:	-.984	-.808	-.731
MAXIMUM Y	:	.733	.698	.550
MINIMUM Y	:	-.526	-.561	-.474
CENTROID X	:	.147	.256	.179
CENTROID Y	:	.094	.129	.042
POA TO CENTROID in.	:	.174	.287	.184
MIN RADIUS	:	.259	.239	.321
MEAN RADIUS	:	.688	.640	.602
MAX RADIUS	:	1.033	.929	.836
HORIZONTAL SPREAD	:	1.710	1.424	1.424
VERTICAL SPREAD	:	1.259	1.259	1.024
EXTREME SPREAD	:	2.001	1.786	1.589
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

Sep 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6B4B996

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 4

2in = 5

3in = 9

HS= 3.135

VS= 1.931

GS= 3.227

CENTROID *

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.668	1.558	1.398
MINIMUM X	-1.467	-1.281	-1.467
MAXIMUM Y	.979	.873	.836
MINIMUM Y	-.952	-.365	-.402
CENTROID X	.041	-.145	.015
CENTROID Y	-.235	-.129	-.092
POA TO CENTROID in.	.238	.194	.093
MIN RADIUS	.262	.110	.119
MEAN RADIUS	.826	.643	.583
MAX RADIUS	1.921	1.560	1.402
HORIZONTAL SPREAD	3.135	2.839	1.865
VERTICAL SPREAD	1.931	1.238	1.238
EXTREME SPREAD	3.227	2.847	2.004
NUMBER IN ONE INCH CIRCLE =		4	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	

Sep 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6648996

CENTERFIRE PATTERNS # 1

POA

1in circle

2in circle

3in circle

CENTROID #

OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 9

HS= 2.010

VS= 2.610

GS= 2.789

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.995	.993	.993
MINIMUM X	-1.023	-1.025	-1.024
MAXIMUM Y	.715	.504	.305
MINIMUM Y	-1.896	-1.587	-.510
CENTROID X	.062	.064	.063
CENTROID Y	-.321	-.110	.089
POA TO CENTROID in.	.326	.127	.109
MIN RADIUS	.226	.312	.281
MEAN RADIUS	.937	.792	.667
MAX RADIUS	1.896	1.587	1.037
HORIZONTAL SPREAD	2.018	2.018	2.018
VERTICAL SPREAD	2.610	2.091	.816
EXTREME SPREAD	2.789	2.305	2.022
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

1 Sep 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8B48996

CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in - 2

2 in - 7

3 in = 9

HS- 2.766

VS= 1.787

GS= 2.842

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.779	.553	.455
MINIMUM X	-.987	-.790	-.594
MAXIMUM Y	.915	.908	.819
MINIMUM Y	-.872	-.879	-.969
CENTROID X	.267	.070	.168
CENTROID Y	-.002	.005	.095
POA TO CENTROID in.	.267	.070	.193
MIN RADIUS	.365	.471	.491
MEAN RADIUS	.876	.765	.709
MAX RADIUS	1.780	1.068	.977
HORIZONTAL SPREAD	2.766	1.343	1.049
VERTICAL SPREAD	1.787	1.787	1.787
EXTREME SPREAD	2.842	1.927	1.939
NUMBER IN ONE INCH CIRCLE	=	2	
NUMBER IN TWO INCH CIRCLE	=	7	
NUMBER IN THREE INCH CIRCLE	=	9	