

C6611651

MODEL 700™ M24

Model **S&S**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

Remington
MODEL 700™ M24

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

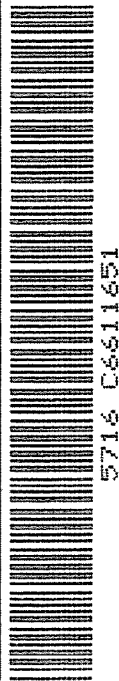
DU PONT
REG. U.S. PAT. & TM. OFF.

SERIAL NO.
C6611651

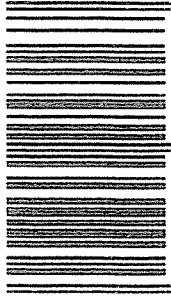
ORDER NO.
5716

46

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



UPC



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6611651

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		3/26/91	K.S.
600	Proof		3/26/91	K.S.
607	Check Headspace		3/26/91	K.S.
610	Dis-assemble Gun		3/26/91	K.S.
612	Magnaflux Barrel Action		APR 2 1991	KR
	Magnaflux Bolt		APR 2 1991	KR
615	Rollmark Caliber		APR 2 1991	GL
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	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/10/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/10/91	KS
	C) Inspect Ejector Hole for Chamfer		4/10/91	KS
	D) Oil Firing Pin Ass'y		4/10/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		4/15/91	84

op. #	BARBER - M24 0033785 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			4/15/91	GU
	G) Safety Off Force	3	3	3			4/15/91	GU
	H) Trigger Pull Test & Retainability						4/15/91	GU
	I) Firing Pin Indent	.023	.023	.023			4/15/91	GU
	J) Assemble Stock						4/17/91	GU
	K) Assemble Swivel Studs						4-22-91	D/H
	L) Attach Front and Rear Sight Assemblies						4/17/91	GU
	M) Iron Sight Alignment						4/17/91	GU
	N) Detach Front & Rear Sights & place in numbered container						4/17/91	GU
	O) Attach Scope to Rifle						4/17/91	GU
	P) Detach & Attach Scope 20 Times						4/17/91	GU
640	Gallery Target & Test						4-18-91	D/H
	A) Time						4-18-91	D/H
	B) Malfunctions						4-18-91	D/H
	C) Pierced Primers						4-18-91	D/H
	D) Optical Clarity of Scope						4-18-91	D/H
645	Inspect for Live Ammo						4-18-91	D/H
655	Final Inspection							
	A) Headspace						4-22-91	D/H
	B) Trigger Pull	2.44	2.43	2.40	2.48	2.45	4/22/91	GU
	C) Function						4-22-91	D/H
660	Pack						6-18-91	N

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6611651

DATE 4/15/91

TESTER JK

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.45	2.34	2.30	2.44	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.39	2.34	2.32	2.43	
PULL #3	2.38	2.35	2.32	2.40	
PULL #4	2.39	2.37	2.38	2.48	
PULL #5	2.42	2.32	2.34	2.45	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.47	3.19		
PULL #2	3.35	3.35		
PULL #3	3.20	3.35		
PULL #4	3.34	3.24		
PULL #5	3.31	3.37		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.45	4.48		4.47
PULL #2	3.34	4.47		4.50
PULL #3	4.48	4.40		4.42
PULL #4	4.47	4.34		4.42
PULL #5	4.29	4.44		4.43
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611651
18 Apr 1991

CENTROIDAL DISTANCES

0 TO	1	.496856
1 TO	2	.60455
1 TO	3	.440647
1 TO	4	.706135
1 TO	5	.5001

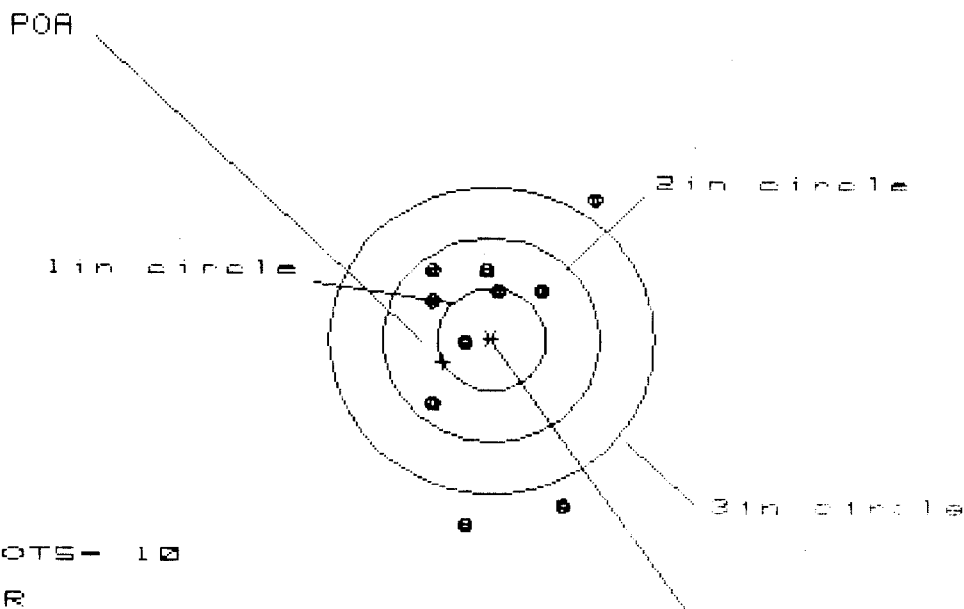
10¹ <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1736
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1294
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .216521
THE AMR FOR THIS RIFLE IS: .9022

18 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611651

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 7

3 in = 7

HS= 1.539

VS= 3.225

GS= 3.440

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.982	.958	1.037
MINIMUM X	-.557	-.581	-.502
MAXIMUM Y	1.394	1.191	.959
MINIMUM Y	-1.831	-1.852	-1.048
CENTROID X	.445	.469	.390
CENTROID Y	.221	.424	.656
POA TO CENTROID in.	.496	.632	.763
MIN RADIUS	.216	.248	.100
MEAN RADIUS	.978	.833	.631
MAX RADIUS	1.843	1.957	1.413
HORIZONTAL SPREAD	1.539	1.539	1.539
VERTICAL SPREAD	3.225	3.043	2.007
EXTREME SPREAD	3.440	3.061	2.529
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	7		

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CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS - 10

IN CIR

1in = 4

2in = 6

3in = 9

HS= 1.960

VS= 2.743

GS= 2.816

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.919	.850	.875
MINIMUM X	:	-1.041	-1.110	-1.085
MAXIMUM Y	:	1.041	.852	.647
MINIMUM Y	:	-1.702	-1.639	-.691
CENTROID X	:	.130	.199	.174
CENTROID Y	:	-.295	-.106	.099
POA TO CENTROID in.	:	.322	.226	.200
MIN RADIUS	:	.215	.236	.030
MEAN RADIUS	:	.872	.727	.572
MAX RADIUS	:	1.812	1.652	1.263
HORIZONTAL SPREAD	:	1.960	1.960	1.960
VERTICAL SPREAD	:	2.743	2.491	1.338
EXTREME SPREAD	:	2.816	2.816	2.058
NUMBER IN ONE INCH CIRCLE	=	4		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	9		

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CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS - 10

IN CIR

1in = 3

2in = 7

3in = 8

HS= 1.632

VS= 3.604

GS= 3.773

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.732	.756	.646
MINIMUM X	:	-.900	-.876	-.761
MAXIMUM Y	:	1.514	1.282	.663
MINIMUM Y	:	-2.090	-1.416	-1.256
CENTROID X	:	.258	.234	.344
CENTROID Y	:	-.178	.054	-.106
POA TO CENTROID in.	:	.314	.240	.360
MIN RADIUS	:	.291	.193	.181
MEAN RADIUS	:	.931	.751	.651
MAX RADIUS	:	2.101	1.553	1.256
HORIZONTAL SPREAD	:	1.632	1.632	1.407
VERTICAL SPREAD	:	3.604	2.698	1.919
EXTREME SPREAD	:	3.773	2.861	1.959
NUMBER IN ONE INCH CIRCLE	=	3		
NUMBER IN TWO INCH CIRCLE	=	7		
NUMBER IN THREE INCH CIRCLE	=	8		

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FILE:/PATTERNING/CENTERFIRE_PATT/C6611651

CENTERFIRE PATTERNS # 4

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS - 10

IN CIR

1 in = 4

2 in = 7

3 in = 9

HS = .916

VS = 2.740

GS = 2.782

PATTERN #	1	4	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.504	.474	.418
MINIMUM X	-.412	-.442	-.472
MAXIMUM Y	1.148	.971	.796
MINIMUM Y	-1.592	-1.394	-.574
CENTROID X	-.004	.026	.082
CENTROID Y	-.324	-.147	.028
POA TO CENTROID in.	.324	.149	.086
MIN RADIUS	.082	.073	.193
MEAN RADIUS	.729	.615	.522
MAX RADIUS	1.616	1.463	.806
HORIZONTAL SPREAD	.916	.916	.890
VERTICAL SPREAD	2.740	2.365	1.370
EXTREME SPREAD	2.782	2.445	1.370
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

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FILE: PATTERNING/CENTERFIRE_PATT/C6611651

CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

CENTROID +

OF SHOTS - 10

IN CIR

1 in = 1

2 in = 6

3 in = 8

HS = 1.709

VS = 3.660

GS = 3.661

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	.995
MINIMUM X	-.714
MAXIMUM Y	1.773
MINIMUM Y	-1.887
CENTROID X	.039
CENTROID Y	-.071
POA TO CENTROID in.	.081
MIN RADIUS	.099
MEAN RADIUS	1.001
MAX RADIUS	1.889
HORIZONTAL SPREAD	1.709
VERTICAL SPREAD	3.660
EXTREME SPREAD	3.661
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	6
NUMBER IN THREE INCH CIRCLE =	8