

C6648957

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

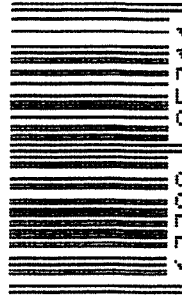
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada. Marque Deposee.

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

SERIAL NO.
 C6648957

ORDER NO.
 5716

UPC



0 47700 25716 7



5716 C6648957

CONTRACT # DAAA21-87-C-0086

GFM

GUN SERIAL #

C6648957

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	7/24/91	KL
600	Proof		7/24/91	KL
607	Check Headspace		7/24/91	KL
610	Dis-assemble Gun		7/24/91	KL
612	Magnaflux Barrel Action		AUG 7 1991	KR
	Magnaflux Bolt		AUG 7 1991	KR
615	Rollmark Caliber		AUG 7 1991	SL
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	SL
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		9/4/91	KL
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/4/91	KL
	C) Inspect Ejector Hole for Chamfer		9/4/91	KL
	D) Oil Firing Pin Ass'y		9/4/91	KL
	E) Adjust Trigger Pull to Min Setting and Stake		9/5/91	KL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	4	6			9/5/91	OK
	G) Safety Off Force	4	4	4			9/5/91	OK
	H) Trigger Pull Test & Retainability						9/5/91	OK
	I) Firing Pin Indent	1022.5	1021.5	1021			9/5/91	OK
	J) Assemble Stock						9/5/91	OK
	K) Assemble Swivel Studs						9-12-91	D/H
	L) Attach Front and Rear Sight Assemblies						9/5/91	OK
	M) Iron Sight Alignment						9/5/91	OK
	N) Detach Front & Rear Sights & place in numbered container						9/5/91	OK
	O) Attach Scope to Rifle						9/5/91	OK
	P) Detach & Attach Scope 20 Times						9/5/91	OK
640	Gallery Target & Test						9/17/91	OK
	A) Time						--	OK
	B) Malfunctions						--	OK
	C) Pierced Primers						--	OK
	D) Optical Clarity of Scope						--	OK
645	Inspect for Live Ammo						9/17/91	OK
655	Final Inspection							
	A) Headspace						9-12-91	D/H
	B) Trigger Pull	2.71	2.73	2.73	2.70	2.72	9-11-91	D/H
	C) Function						9-12-91	D/H
660	Pack						9-17-91	D/H

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 06648957DATE 9-5-91TESTER JR

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.34	2.42	2.44	271	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.48	2.50	2.50	273	
PULL #3	2.47	2.54	2.55	273	
PULL #4	2.39	2.44	2.46	270	
PULL #5	2.36	2.53	2.55	272	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.49	3.48		
PULL #2	3.39	3.31		
PULL #3	3.45	3.20		
PULL #4	3.34	3.42		
PULL #5	3.35	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	4.51	4.35		4.58
PULL #2	4.37	4.53		4.32
PULL #3	4.60	4.36		4.51
PULL #4	4.53	4.27		4.26
PULL #5	4.33	4.32		4.59
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6648957
7 Sep 1991

CENTROIDAL DISTANCES

0 TO	1	.0835464
1 TO	2	.13025
1 TO	3	.0735731
1 TO	4	.187609
1 TO	5	.062426

5 <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0058
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0106
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .012089
THE AVERAGE POI RADIUS FOR THIS RIFLE IS: .9172

Sep 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6646357

CENTERFIRE PATTERNS # 1

POR

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 2

2 in = 5

3 in = 9

HS = 2.029

VS = 2.894

GS = 3.049

CENTROID *

PATTERN

SHOTS (BEST OF)

	10	9	8
MAXIMUM X	1.301	1.343	.796
MINIMUM X	-.738	-.696	-.528
MAXIMUM Y	1.015	.806	.726
MINIMUM Y	-1.879	-.976	-1.056
CENTROID X	-.062	-.104	-.272
CENTROID Y	.056	.265	.345
POR TO CENTROID IN.	.084	.285	.439
MIN RADIUS	.346	.144	.081
100% RADIUS	.940	.772	.649
MR RADIUS	1.916	1.489	1.181
HORIZONTAL SPREAD	2.039	2.039	1.324
VERTICAL SPREAD	2.894	1.782	1.782
EXTREME SPREAD	3.049	2.378	1.853
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		9	

7 Sep 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6648957

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 4

2in = 9

3in = 10

HS= 1.669

VS= 1.698

GS= 2.023

CENTROID #

PATTERN #

2

SHOTS (BEST OF)

10

9

8

MAXIMUM X

.890

.481

.396

MINIMUM X

-.779

-.686

-.632

MAXIMUM Y

.629

.510

.500

MINIMUM Y

-1.069

-.537

-.547

CENTROID X

-.029

-.128

-.043

CENTROID Y

-.070

.049

.059

POA TO CENTROID in.

.076

.137

.073

MIN RADIUS

.090

.103

.136

MEAN RADIUS

.591

.494

.468

MAX RADIUS

1.391

.685

.643

HORIZONTAL SPREAD

1.669

1.161

1.028

VERTICAL SPREAD

1.698

1.047

1.047

EXTREME SPREAD

2.023

1.292

1.163

NUMBER IN ONE INCH CIRCLE =

4

NUMBER IN TWO INCH CIRCLE =

9

NUMBER IN THREE INCH CIRCLE =

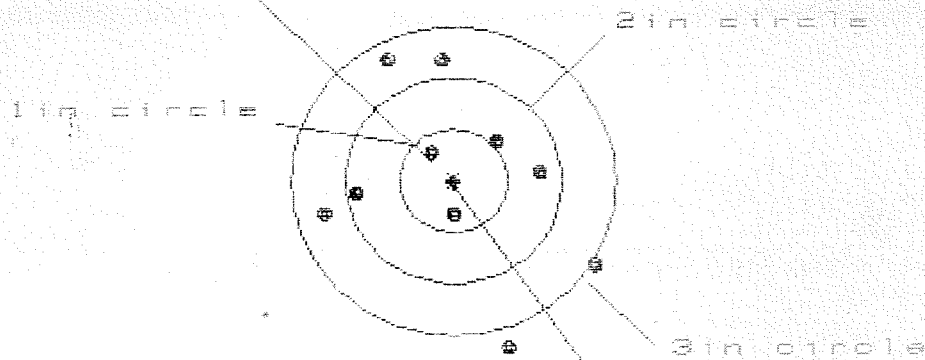
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7 Sep 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6648957

CENTERFIRE PATTERNS # 3

POA



OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 2.543

VS= 2.812

GS= 2.994

CENTROID *

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.341	1.398	1.816
MINIMUM X	-1.202	-1.145	-1.970
MAXIMUM Y	1.200	1.020	.895
MINIMUM Y	-1.612	-1.006	-1.657
CENTROID X	.001	-.056	-.231
CENTROID Y	.018	.198	.323
POA TO CENTROID in.	.018	.205	.397
MIN RADIUS	.275	.222	.014
MEAN RADIUS	.999	.898	.769
MAX RADIUS	1.693	1.722	1.172
HORIZONTAL SPREAD	2.543	2.543	1.906
VERTICAL SPREAD	2.812	2.026	1.552
EXTREME SPREAD	2.994	2.772	2.042
NUMBER IN ONE INCH CIRCLE =	2	2	2
NUMBER IN TWO INCH CIRCLE =	5	5	5
NUMBER IN THREE INCH CIRCLE =	8	8	8

7 Sep 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C864B357

CENTERFIRE PATTERNS # 4

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS= 10

IN CIR

1 in = 2

2 in = 6

3 in = 8

HS= 1.516

VS= 3.431

GS= 3.575

PATTERN #

4

SHOTS (BEST OF)

10

9

8

MAXIMUM X

.985

1.047

1.000

MINIMUM X

-.531

-.469

-.516

MAXIMUM Y

1.642

1.444

1.089

MINIMUM Y

-1.789

-1.113

-.933

CENTROID X

.087

.025

.072

CENTROID Y

-.058

.140

-.040

POA TO CENTROID in.

.105

.143

.082

MIN RADIUS

.198

.292

.214

MEAN RADIUS

.961

.857

.755

MAX RADIUS

1.875

1.493

1.160

HORIZONTAL SPREAD

1.516

1.516

1.516

VERTICAL SPREAD

3.431

2.557

2.021

EXTREME SPREAD

3.575

2.584

2.141

NUMBER IN ONE INCH CIRCLE =

2

NUMBER IN TWO INCH CIRCLE =

6

NUMBER IN THREE INCH CIRCLE =

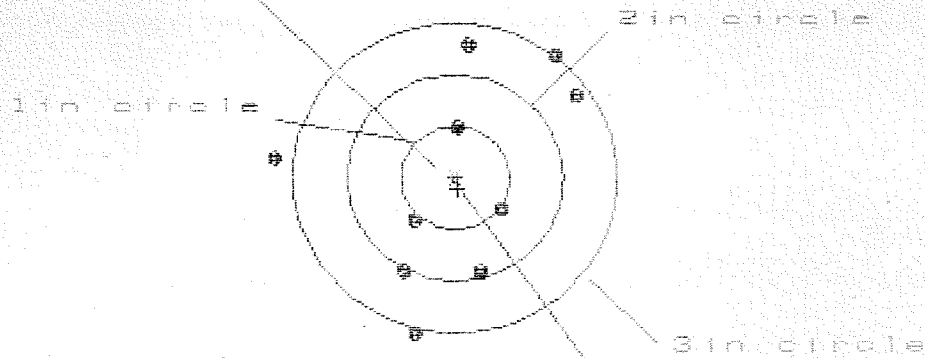
8

7 Sep 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6648957

CENTERFIRE PATTERNS # 5

POR



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 4

3 in = 7

HS= 2.732

VS= 2.791

GS= 2.961

CENTROID *

PATTERN #

5

SHOTS (BEST OF)

	10	9	8
MAXIMUM X	1.079	.895	.822
MINIMUM X	-1.653	-.611	-.684
MAXIMUM Y	1.327	1.352	1.173
MINIMUM Y	-1.464	-1.439	-1.107
CENTROID X	-.026	.158	.231
CENTROID Y	.102	.092	.261
POR TO CENTROID in.	.110	.178	.349
MIN RADIUS	.507	.380	.439
MEAN RADIUS	1.095	1.017	.947
MAX RADIUS	1.689	1.554	1.302
HORIZONTAL SPREAD	2.732	1.506	1.506
VERTICAL SPREAD	2.791	2.791	2.280
EXTREME SPREAD	2.961	2.961	2.532
NUMBER IN ONE INCH CIRCLE	=	0	
NUMBER IN TWO INCH CIRCLE	=	4	
NUMBER IN THREE INCH CIRCLE	=	7	