

C6649139

MODEL 700™ M24

Model **S&S**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Remington
MODEL 700™ M24

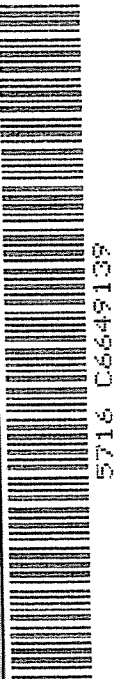
DUPONT
REG. U.S. PAT. & TM. OFF.

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

SERIAL NO.
C6649139

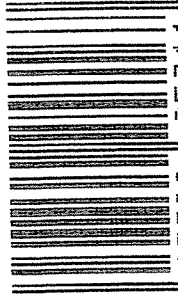
ORDER NO.
5716

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



5716 C6649139

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6649139

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		6/24/91	KJ
600	Proof		6/24/91	KJ
607	Check Headspace		6/24/91	KJ
610	Dis-assemble Gun		6/24/91	KJ
612	Magnaflux Barrel Action	.1111	1 1991	KR
	Magnaflux Bolt	JUL	1 1991	KR
615	Rollmark Caliber	JUL	1 1991	SS
617	Drill and Tap Sight Holes	JUL	1 1991	LB
618	Polish Barrel	JUL	2 1991	WB
620	Apply Coatings (Barrel Action)		7-23-91	HA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/1/91	HA
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/1/91	KJ
	C) Inspect Ejector Hole for Chamfer		8/1/91	KJ
	D) Oil Firing Pin Ass'y		8/1/91	KJ
	E) Adjust Trigger Pull to Min Setting and Stake		8-5-91	HA

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	7	7	7			8-6-91	DH
	G) Safety Off Force	3	3	3			8-6-91	DH
	H) Trigger Pull Test & Retainability						8-5-91	DH
	I) Firing Pin Indent	.021	.021	.022			8-6-91	DH
	J) Assemble Stock						8/9/91	KA
	K) Assemble Swivel Studs						8-14-91	DH
	L) Attach Front and Rear Sight Assemblies						8/9/91	KA
	M) Iron Sight Alignment						8/9/91	KA
	N) Detach Front & Rear Sights & place in numbered container						8/9/91	KA
	O) Attach Scope to Rifle						8/9/91	KA
	P) Detach & Attach Scope 20 Times						8/9/91	KA
640	Gallery Target & Test						8-13-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						8-13-91	NF
655	Final Inspection							
	A) Headspace						8-14-91	DH
	B) Trigger Pull	2.62	2.60	2.57	2.60	2.31	8-14-91	KA
	C) Function						8-14-91	DH
660	Pack						9-14-91	NF

TTL

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6649139
23 Aug 1991

CENTROIDAL DISTANCES

Ø TO 1	.119017
1 TO 2	.211929
1 TO 3	.27862
1 TO 4	.212236
1 TO 5	.210412

#3 <----POA

AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0372
AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0606
AVERAGE POI RADIUS FOR THIS RIFLE IS: .071107
OF THIS RIFLE IS: .9136

10/1/92

FILE: PATTERNING/CENTERFIRE_PATT/C8549139

CENTERFIRE PATTERNS # 1

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS= 10

IN CIR

1in = 2

2in = 9

3in = 9

HE= 2.075

VS= 1.413

GS= 2.404

PATTERN #

1

SHOTS (BEST OF)

10

9

8

MAXIMUM X

.692

.538

.575

MINIMUM X

-1.383

-.836

-.769

MAXIMUM Y

.794

.725

.798

MINIMUM Y

-.619

-.634

-.569

CENTROID X

.002

.156

.088

CENTROID Y

-.119

-.050

-.115

POA TO CENTROID in.

.119

.164

.145

MIN RADIUS

.208

.123

.178

MEAN RADIUS

.731

.616

.598

MA. RADIUS

1.515

.986

.894

HORIZONTAL SPREAD

2.075

1.374

1.343

VERTICAL SPREAD

1.413

1.359

1.359

EXTREME SPREAD

2.404

1.728

1.641

NUMBER IN ONE INCH CIRCLE

2

NUMBER IN TWO INCH CIRCLE

9

NUMBER IN THREE INCH CIRCLE

9

23 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/CGB49139

CENTERFIRE PATTERNS # 2

POR

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 9

CENTROID *

HS= 3.004

VS= 1.588

GS= 3.026

PATTERN #

2

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.085

.872

.939

MINIMUM X

-1.919

-1.239

-1.172

MAXIMUM Y

.919

.913

.905

MINIMUM Y

-.669

-.675

-.561

CENTROID X

-.131

.082

.015

CENTROID Y

.046

.052

-.062

POR TO CENTROID in.

.139

.097

.063

MIN RADIUS

.226

.384

.329

MEAN RADIUS

.955

.834

.786

MAX RADIUS

1.919

1.241

1.188

HORIZONTAL SPREAD

3.004

2.111

2.111

VERTICAL SPREAD

1.588

1.588

1.466

EXTREME SPREAD

3.026

2.170

2.170

NUMBER IN ONE INCH CIRCLE =

1

NUMBER IN TWO INCH CIRCLE =

5

NUMBER IN THREE INCH CIRCLE =

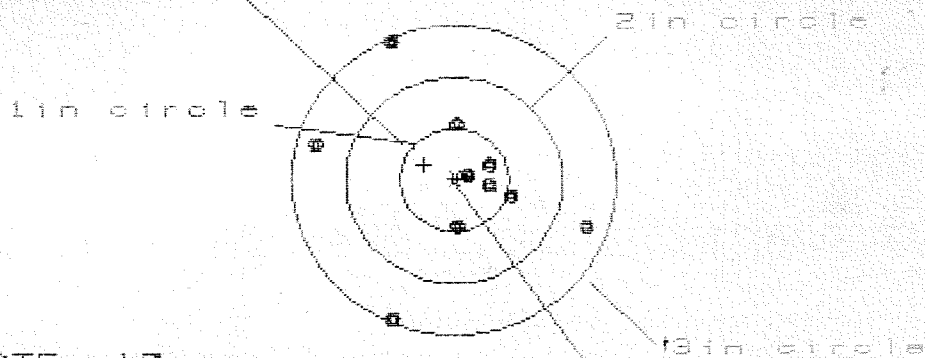
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23 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6649139

CENTERFIRE PATTERNS # 3

POR



OF SHOTS- 10

IN CIR

1in = 5

2in = 5

3in = 10

HS= 2.465

VS= 2.682

GS= 2.682

CENTROID *

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.207
MINIMUM X	-1.258
MAXIMUM Y	1.331
MINIMUM Y	-1.351
CENTROID X	.279
CENTROID Y	-.149
POR TO CENTROID in.	.316
MIN RADIUS	.091
MEAN RADIUS	.784
MAX RADIUS	1.469
HORIZONTAL SPREAD	2.465
VERTICAL SPREAD	2.682
EXTREME SPREAD	2.682
NUMBER IN ONE INCH CIRCLE	5
NUMBER IN TWO INCH CIRCLE	6
NUMBER IN THREE INCH CIRCLE	10

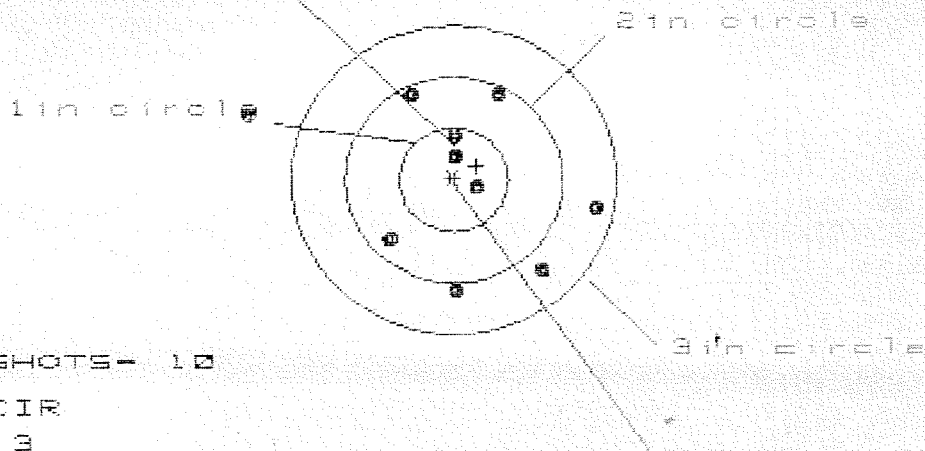
23 Aug 1991

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CENTERFIRE PATTERNS

4

POR



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 6

3 in = 9

HS= 3.216

VS= 1.935

GS= 3.336

CENTROID *

PATTERN #	4
SHOTS (BEST OF)	10
MAXIMUM X	1.321
MINIMUM X	-1.895
MAXIMUM Y	.833
MINIMUM Y	-1.102
CENTROID X	-.210
CENTROID Y	-.129
POR TO CENTROID in.	.247
MIN RADIUS	.216
MEAN RADIUS	.916
MAX RADIUS	1.985
HORIZONTAL SPREAD	3.216
VERTICAL SPREAD	1.935
EXTREME SPREAD	3.336
NUMBER IN ONE INCH CIRCLE	3
NUMBER IN TWO INCH CIRCLE	6
NUMBER IN THREE INCH CIRCLE	9

23 Aug 1991

FILE://PATTERNING/CENTERFIRE_PATT/CBB48133

CENTERFIRE PATTERNS

5

POB

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIR

1in = 1

2in = 2

3in = 9

HS = 2.888

VS = 2.549

GS = 3.373

CENTROID *

PATTERN #

5

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.602

1.180

1.325

MINIMUM X

-1.278

-1.100

-.955

MAXIMUM Y

1.104

.944

.813

MINIMUM Y

-1.445

-1.233

-1.115

CENTROID X

-.125

-.304

-.449

CENTROID Y

.048

.203

.091

POB TO CENTROID in.

.135

.369

.458

MIN RADIUS

.203

.196

.079

MEAN RADIUS

1.182

1.040

.959

MAX RADIUS

2.157

1.495

1.528

HORIZONTAL SPREAD

2.888

2.280

2.280

VERTICAL SPREAD

2.549

2.177

1.920

EXTREME SPREAD

3.373

2.713

2.511

NUMBER IN ONE INCH CIRCLE =

1

NUMBER IN TWO INCH CIRCLE =

2

NUMBER IN THREE INCH CIRCLE =

9

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C-6649139

DATE 8-5-91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.35	2.23	2.42	2.62	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.32	2.22	2.12	2.60	
PULL #3	2.38	2.20	2.14	2.57	
PULL #4	2.36	2.29	2.35	2.60	
PULL #5	2.43	2.23	2.47	2.31	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.16	3.04		
PULL #2	3.09	3.01		
PULL #3	3.09	3.04		
PULL #4	3.02	2.89		
PULL #5	3.05	3.05		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.07	4.06		4.32
PULL #2	3.93	4.01		4.10
PULL #3	3.93	4.02		4.10
PULL #4	4.03	4.02		4.10
PULL #5	4.11	4.03		3.90
TOTAL				
AVG.				