

C6648929

MODEL 700™ M24

Model S&S™

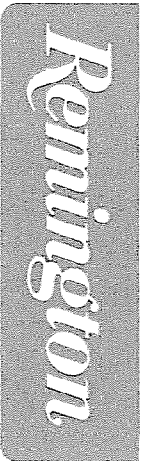
Action _____

Barrel Length _____

Capacity _____

Order No. 5715

*Includes 1 in chamber.



Remington® **DUPONT**
Reg. U.S. Pat. & Tm. Off.

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

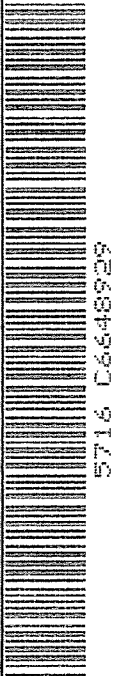
MODEL 700™ M24

SERIAL NO.
C6648929

ORDER NO.
5716

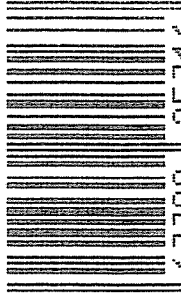
MADE IN LION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.

20



5716 C6648929

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6648929

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	177 22 04		RW
600	Proof	7 2 9 1		RW
607	Check Headspace	7 2 9 1		RW
610	Dis-assemble Gun	7 2 9 1		RW
612	Magnaflux Barrel Action		JUL 22 1991	GS
	Magnaflux Bolt		JUL 22 1991	GS
615	Rollmark Caliber		JUL 22 1991	GS
617	Drill and Tap Sight Holes		JUL 22 1991	LB
618	Polish Barrel		7/22/91	WB
620	Apply Coatings (Barrel Action)		8-2-91	HA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/9/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/9/91	RW
	C) Inspect Ejector Hole for Chamfer		8/9/91	RW
	D) Oil Firing Pin Ass'y		8/9/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		8-19-91	HA

BARBER - M24 0033445		READINGS					DATE	INIT
op. #	OP. NAME							
625 cont.	F) Safety On Force	6	6	6			8-19-91	GH
	G) Safety Off Force	3	3	3			8-19-91	GH
	H) Trigger Pull Test & Retainability						8-19-91	GH
	I) Firing Pin Indent	.021	.0215	.0215			8-19-91	GH
	J) Assemble Stock						8/21/91	RW
	K) Assemble Swivel Studs						8/22/91	GH
	L) Attach Front and Rear Sight Assemblies						8/21/91	RW
	M) Iron Sight Alignment						8/21/91	RW
	N) Detach Front & Rear Sights & place in numbered container						8/21/91	RW
	O) Attach Scope to Rifle						8/21/91	RW
	P) Detach & Attach Scope 20 Times						8/21/91	RW
640	Gallery Target & Test						8-22-91	DH
	A) Time						8-22-91	DH
	B) Malfunctions						8-22-91	DH
	C) Pierced Primers						8-22-91	DH
	D) Optical Clarity of Scope						8-22-91	DH
645	Inspect for Live Ammo						8-22-91	DH
655	Final Inspection						8/22/91	GH
	A) Headspace						8-22-91	GH
	B) Trigger Pull	2.15	2.16	2.19	2.15	2.15	8-22-91	GH
	C) Function						8/22/91	GH
660	Pack						9-17-91	DH

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# + .50#
3.00# + .75#
4.00# + 1.00#

SERIAL NO. C-6648929DATE 8-19-91TESTER ju.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.49	2.59	2.50	2.15	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.48	2.33	2.48	2.16	
PULL #3	2.45	2.58	2.55	2.19	
PULL #4	2.42	2.59	2.57	2.15	
PULL #5	2.52	2.58	2.54	2.15	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.23	3.20		
PULL #2	3.27	3.21		
PULL #3	3.28	3.20		
PULL #4	3.25	3.22		
PULL #5	3.23	3.18		
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	4.43		4.30
PULL #2	4.30	4.42		4.44
PULL #3	4.33	4.15		4.35
PULL #4	4.36	4.21		4.36
PULL #5	4.42	4.18		4.44
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS

FOR RIFLE # C6648929

22 Aug 1991

CENTROIDAL DISTANCES

0 TO	1	.0953415
1 TO	2	.33735
1 TO	3	.259048
1 TO	4	.656209
1 TO	5	.371808

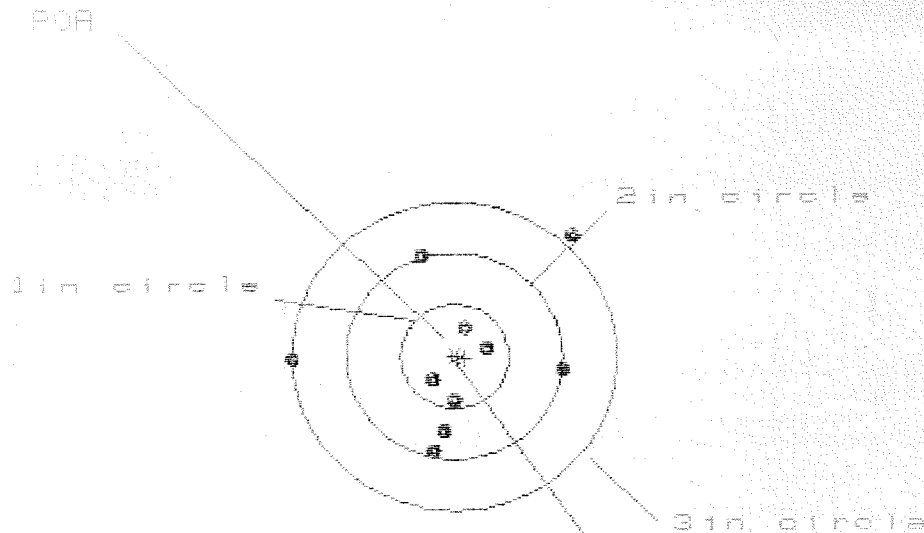
$$\frac{2}{5} \times 4 \quad (----FOR)$$

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1322
 THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0878
 THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .1587
 AND FOR THIS RIFLE IS: .903

22 Aug 1981

FILE:/PATTERNING/CENTERFIRE_PATT/C8648329

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 4

2 in = 7

3 in = 8

HBR = 2.551

VBR = 2.064

GBR = 2.900

CENTROID #

PATTERN #

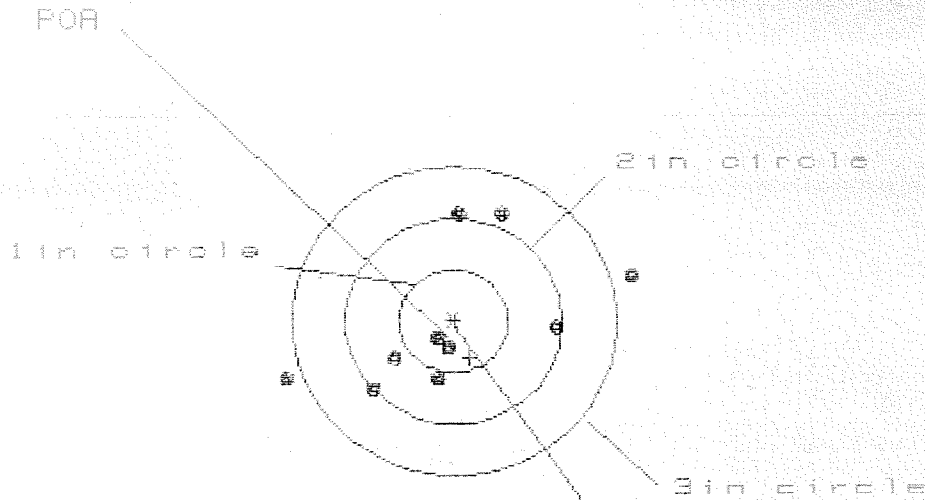
1

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.106	1.083	.904
MINIMUM X	-1.554	-1.432	-.328
MAXIMUM Y	1.167	1.119	1.137
MINIMUM Y	-.897	-.767	-.749
CENTROID X	-.093	-.216	-.037
CENTROID Y	.021	-.109	-.127
POA TO CENTROID in.	.096	.242	.132
MIN RADIUS	.253	.458	.264
MEAN RADIUS	.818	.712	.602
MAX RADIUS	1.608	1.439	1.183
HORIZONTAL SPREAD	2.661	2.515	1.232
VERTICAL SPREAD	2.064	1.896	1.886
EXTREME SPREAD	2.900	2.520	1.887
NUMBER IN ONE INCH CIRCLE	= 4		
NUMBER IN TWO INCH CIRCLE	= 7		
NUMBER IN THREE INCH CIRCLE	= 8		

22 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6648929

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 6

3 in = 8

HS= 3.173

VS= 1.683

QE= 3.326

CENTROID *

PATTERN #

2

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.620

1.169

.997

MINIMUM X

-1.553

-1.373

-.698

MAXIMUM Y

1.041

1.093

1.034

MINIMUM Y

-.642

-.598

-.649

CENTROID X

-.147

-.327

-.155

CENTROID Y

.354

.302

.361

POA TO CENTROID in.

.383

.445

.393

MIN RADIUS

.229

.105

.229

MEAN RADIUS

.917

.792

.731

MAX RADIUS

1.686

1.454

1.123

HORIZONTAL SPREAD

3.173

2.542

1.695

VERTICAL SPREAD

1.683

1.683

1.683

EXTREME SPREAD

3.326

2.595

2.031

NUMBER IN ONE INCH CIRCLE =

2

NUMBER IN TWO INCH CIRCLE =

6

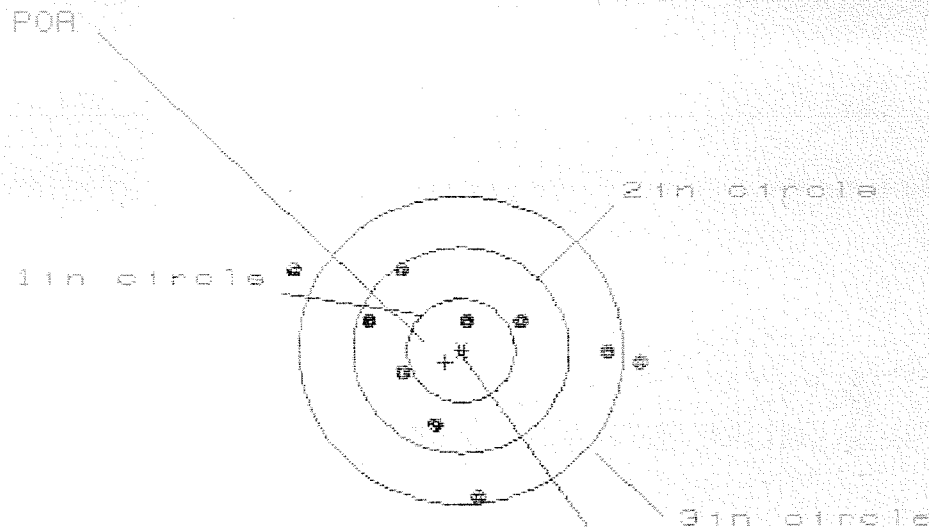
NUMBER IN THREE INCH CIRCLE =

8

22 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8646929

CENTERFIRE PATTERNS # 3



* OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS= 3.213

VS= 2.176

GS= 3.326

CENTROID *

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.673	1.501	1.352
MINIMUM X	-1.540	-1.976	-1.788
MAXIMUM Y	.769	.854	.853
MINIMUM Y	-1.406	-1.322	-1.323
CENTROID X	.148	.319	.131
CENTROID Y	.116	.031	.033
POA TO CENTROID in.	.187	.320	.135
MIN RADIUS	.289	.385	.374
MEAN RADIUS	1.013	.946	.847
MAX RADIUS	1.719	1.501	1.357
HORIZONTAL SPREAD	3.213	2.477	2.140
VERTICAL SPREAD	2.176	2.176	2.176
EXTREME SPREAD	3.326	2.504	2.274
NUMBER IN ONE INCH CIRCLE	= 1		
NUMBER IN TWO INCH CIRCLE	= 5		
NUMBER IN THREE INCH CIRCLE	= 8		

22 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C864B329

CENTERFIRE PATTERNS # 4

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 3

2in = 7

3in = 10

HE= 2.093

VE= 1.348

GS= 2.099

PATTERN #

4

SHOTS (BEST OF)

10

9

8

MAXIMUM X

.995

.903

.754

MINIMUM X

-1.098

-1.190

-.833

MAXIMUM Y

.617

.536

.538

MINIMUM Y

-.731

-.772

-.770

CENTROID X

.550

.642

.791

CENTROID Y

.152

.233

.231

POA TO CENTROID in.

.571

.683

.824

MIN RADIUS

.067

.095

.211

MEAN RADIUS

.739

.694

.626

MAX RADIUS

1.105

1.191

.950

HORIZONTAL SPREAD

2.093

2.093

1.587

VERTICAL SPREAD

1.348

1.308

1.308

EXTREME SPREAD

2.099

2.099

1.653

NUMBER IN ONE INCH CIRCLE =

3

NUMBER IN TWO INCH CIRCLE =

7

NUMBER IN THREE INCH CIRCLE =

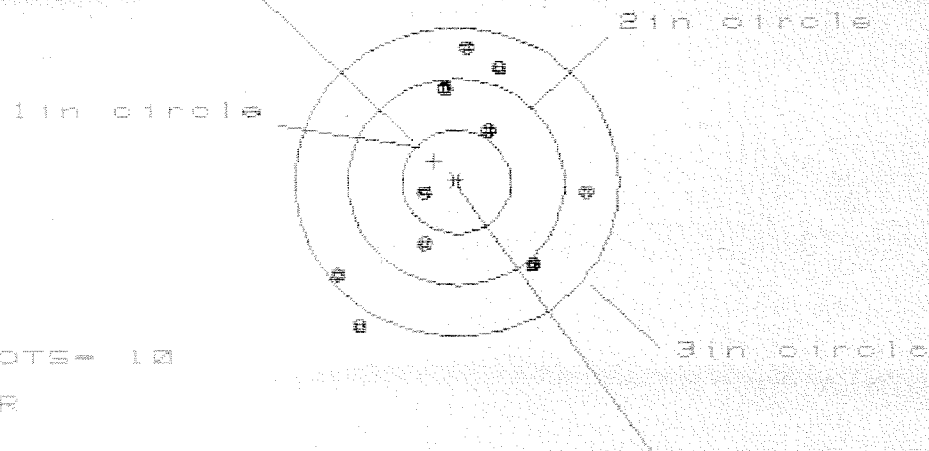
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22 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C864B329

CENTERFIRE PATTERNS # 5

POH



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 4

3 in = 6

HE = 2.217

VE = 2.674

GE = 2.828

CENTROID #

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.238	1.143	.996
MINIMUM X	-1.079	-1.174	-1.568
MAXIMUM Y	1.288	1.134	1.007
MINIMUM Y	-1.386	-1.011	-1.087
CENTROID X	.203	.298	.445
CENTROID Y	-.204	-.050	.077
POH TO CENTROID in.	.287	.302	.451
MIN RADIUS	.305	.390	.222
MEAN RADIUS	1.028	.943	.844
MAX RADIUS	1.630	1.550	1.173
HORIZONTAL SPREAD	2.317	2.317	1.564
VERTICAL SPREAD	2.674	2.145	2.094
EXTREME SPREAD	2.828	2.479	2.184
NUMBER IN ONE INCH CIRCLE	= 1		
NUMBER IN TWO INCH CIRCLE	= 4		
NUMBER IN THREE INCH CIRCLE	= 9		