

C6649151

MODEL 700™ M24

Model **S&S**™

Action

Barrel Length

Capacity

Order No. **5715**

* Includes 1 in chamber.



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

DUPONT

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

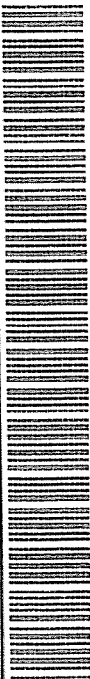
MODEL 700™ M24

SERIAL NO.
C6649151

ORDER NO.
5716

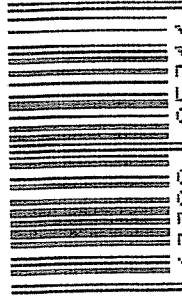
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MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.



5716 C6649151

LPC



0 47700 25716

MOD. _____ GA. _____ GUN # 9151
CAL. _____ #

# TEST	DATE	MALFUNCTION/DEFECT	ASSEM. #
VF	1st	S.B.	KS
	8/13		
	2nd	Polish face of Bolt 100 Rd TEST	RW
	8/14		
	9/1		
	3rd		
	4th		

FUNCTION RD 5654 Rev 1

TEST INIT. ACTION TO CORRECT		ASSEM. #
PROOF	<i>shot OK test 8-14-91 D/H</i>	
TEST		
TGT		
PROOF		
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6649151

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		6/26/91	KA
600	Proof		6/26/91	KA
607	Check Headspace		6/26/91	KA
610	Dis-assemble Gun		6/26/91	KA
612	Magnaflux Barrel Action		JUL 7 8 1991	CS
	Magnaflux Bolt		JUL 7 8 1991	CS
615	Rollmark Caliber		JUL 7 8 1991	CS
617	Drill and Tap Sight Holes		JUL 7 8 1991	FB
618	Polish Barrel		JUL 20 1991	WB
620	Apply Coatings (Barrel Action)		7-7-91	KA
	Apply Coating (Bolt)		7-7-91	KA
625	Final Assembly A) Clean inside of Bolt Assembly		8/8/91	KA
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/8/91	KA
	C) Inspect Ejector Hole for Chamfer		8/8/91	KA
	D) Oil Firing Pin Ass'y		8/8/91	KA
	E) Adjust Trigger Pull to Min Setting and Stake		8-9-91	KA

op. #	BARBER - M24 0065391 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			8-9-91	JK
	G) Safety Off Force	3	3	3			8-9-91	JK
	H) Trigger Pull Test & Retainability						8-9-91	JK
	I) Firing Pin Indent	10205	10205	10205			8-9-91	JK
	J) Assemble Stock						8/12/91	JK
	K) Assemble Swivel Studs						8-14-91	JK
	L) Attach Front and Rear Sight Assemblies						8/12/91	JK
	M) Iron Sight Alignment						8/12/91	JK
	N) Detach Front & Rear Sights & place in numbered container						8/12/91	JK
	O) Attach Scope to Rifle						8/12/91	JK
	P) Detach & Attach Scope 20 Times						8/12/91	JK
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	JK
	B) Trigger Pull	2.29	2.30	2.26	2.24	2.20	8-14-91	JK
	C) Function						8-14-91	JK
660	Pack						9-19-91	NF

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6649151
23 Aug 1991

CENTROIDAL DISTANCES

0 TO	1	.12816
1 TO	2	.117047
1 TO	3	.31942
1 TO	4	.184978
1 TO	5	.227466

* <----POA

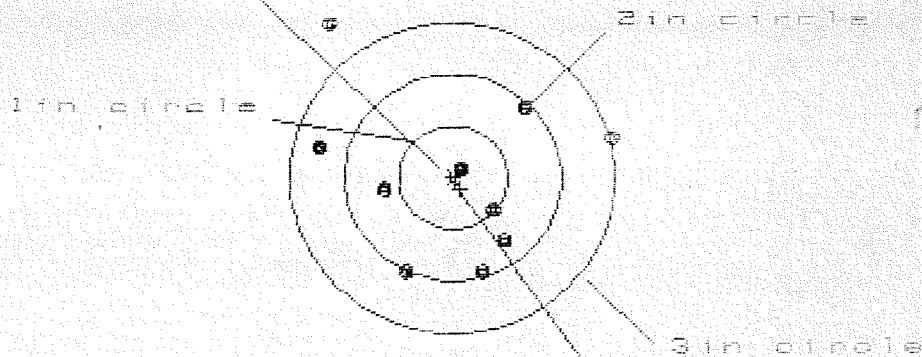
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.107
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0378
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .113481
THE AMR FOR THIS RIFLE IS: .9216

23 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06649151

CENTERFIRE PATTERNS # 1

POB



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 8

HS= 2.701

VS= 2.404

GS= 2.833

CENTROID *

PATTERN #

1

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.510

1.384

.717

MINIMUM X

-1.191

-1.317

-1.144

MAXIMUM Y

1.453

.861

.934

MINIMUM Y

-.951

-.789

-.716

CENTROID X

-.069

.057

-.116

CENTROID Y

.108

-.054

-.127

POB TO CENTROID in.

.128

.078

.172

MIN RADIUS

.116

.214

.324

MEAN RADIUS

.956

.825

.741

MAX RADIUS

1.942

1.504

1.244

HORIZONTAL SPREAD

2.701

2.701

1.861

VERTICAL SPREAD

2.404

1.650

1.650

EXTREME SPREAD

2.833

2.707

1.989

NUMBER IN ONE INCH CIRCLE =

2

NUMBER IN TWO INCH CIRCLE =

6

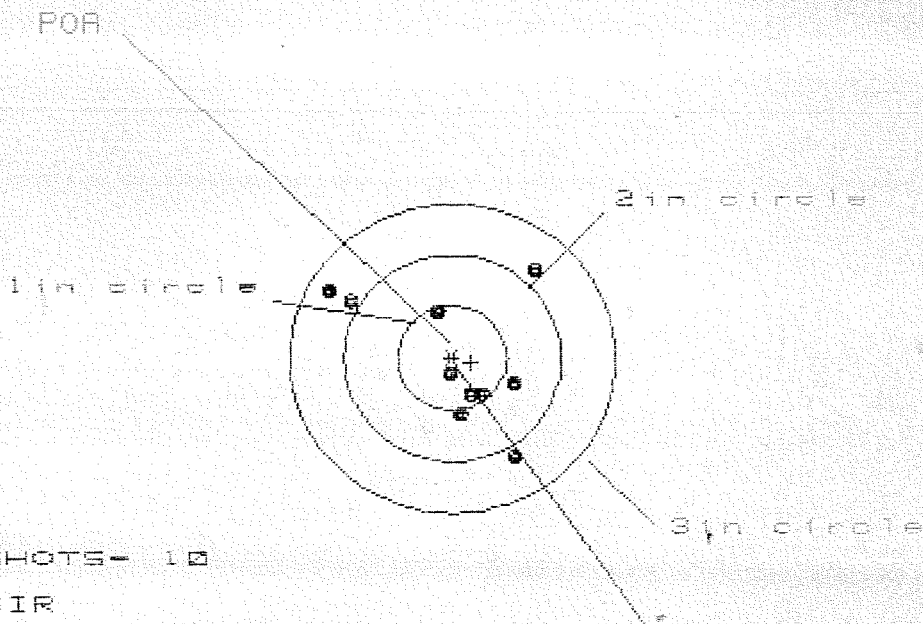
NUMBER IN THREE INCH CIRCLE =

8

23 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8849151

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in - 4

2 in - 6

3 in - 10

HS= 1.952

VS= 1.873

GS= 2.411

CENTROID #

PATTERN #	2	2	2
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.778	.647	.514
MINIMUM X	-1.174	-1.088	-1.007
MAXIMUM Y	.880	.955	.779
MINIMUM Y	-.993	-.918	-.798
CENTROID X	-.167	-.036	-.117
CENTROID Y	.044	-.031	-.150
POA TO CENTROID in.	.173	.048	.191
MIN RADIUS	.120	.146	.096
MEAN RADIUS	.733	.631	.532
MAX RADIUS	1.356	1.272	1.273
HORIZONTAL SPREAD	1.952	1.735	1.521
VERTICAL SPREAD	1.873	1.873	1.578
EXTREME SPREAD	2.411	2.192	2.192
NUMBER IN ONE INCH CIRCLE	= 4		
NUMBER IN TWO INCH CIRCLE	= 6		
NUMBER IN THREE INCH CIRCLE	= 10		

23 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8549151

CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS = 10

IN CIR

1 in = 2

2 in = 7

3 in = 8

HS = 1.893

VS = 3.434

GS = 3.482

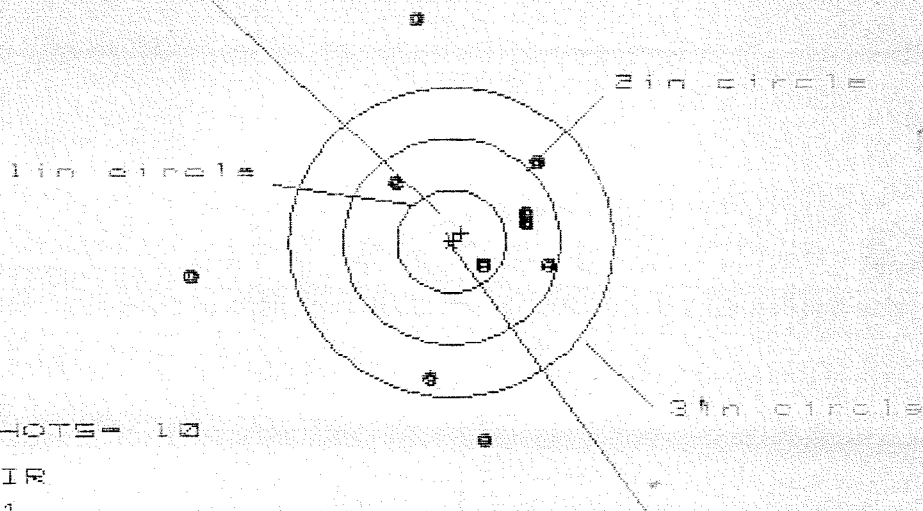
PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.839
MINIMUM X	-.854
MAXIMUM Y	1.683
MINIMUM Y	-1.751
CENTROID X	.008
CENTROID Y	-.202
POA TO CENTROID in.	.202
MIN RADIUS	.169
MEAN RADIUS	.839
MAX RADIUS	1.765
HORIZONTAL SPREAD	1.893
VERTICAL SPREAD	3.434
EXTREME SPREAD	3.482
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	7
NUMBER IN THREE INCH CIRCLE =	8

23 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6649151

CENTERFIRE PATTERNS # 4

POB



OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 7

HS= 3.302

VS= 4.082

GS= 4.117

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	9
MAXIMUM X	.846	.573	.505
MINIMUM X	-2.456	-1.819	-1.887
MAXIMUM Y	2.200	2.167	1.034
MINIMUM Y	-1.882	-1.915	-1.644
CENTROID X	-.088	.185	.253
CENTROID Y	-.076	-.043	-.314
POB TO CENTROID in.	.116	.190	.403
MIN RADIUS	.347	.227	.068
MEAN RADIUS	1.241	1.019	.850
MAX RADIUS	2.475	2.233	1.646
HORIZONTAL SPREAD	3.302	1.392	1.392
VERTICAL SPREAD	4.082	4.002	2.678
EXTREME SPREAD	4.117	4.117	2.732
NUMBER IN ONE INCH CIRCLE	= 1		
NUMBER IN TWO INCH CIRCLE	= 5		
NUMBER IN THREE INCH CIRCLE	= 7		

23 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6649151

CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 3

2 in = 7

3 in = 9

HS = 2.017

VS = 1.027

GS = 3.072

CENTROID *

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.378	1.196	1.778
MINIMUM X	-1.639	-1.159	-1.010
MAXIMUM Y	.767	.401	.435
MINIMUM Y	-1.060	-.975	-.941
CENTROID X	-.219	-.037	-.186
CENTROID Y	-.063	-.148	-.182
POA TO CENTROID in.	.228	.152	.260
MIN RADIUS	.083	.262	.207
MEAN RADIUS	.839	.706	.659
MAX RADIUS	1.809	1.324	1.202
HORIZONTAL SPREAD	3.017	2.355	1.788
VERTICAL SPREAD	1.027	1.376	1.376
EXTREME SPREAD	3.072	2.435	1.966
NUMBER IN ONE INCH CIRCLE	3	3	3
NUMBER IN TWO INCH CIRCLE	7	7	7
NUMBER IN THREE INCH CIRCLE	9	9	9

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO C6649151

DATE 8-9-91

TESTER JP

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.43	2.40	2.35	2.29	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.48	2.41	2.38	2.30	
PULL #3	2.45	2.41	2.20	2.26	
PULL #4	2.46	2.39	2.40	2.24	
PULL #5	2.44	2.34	2.44	2.20	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.71	3.38		
PULL #2	3.35	3.30		
PULL #3	3.32	3.40		
PULL #4	3.36	3.30		
PULL #5	3.37	3.30		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.24	4.17		4.28
PULL #2	4.24	4.24		4.28
PULL #3	4.18	4.25		4.22
PULL #4	4.23	4.29		4.27
PULL #5	4.16	4.24		4.26
TOTAL				
AVG.				