

C6636289

MODEL 700™ M24

Model **S&S**™

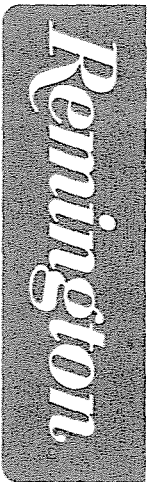
Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.



Remington[®]

MODEL 700™ M24

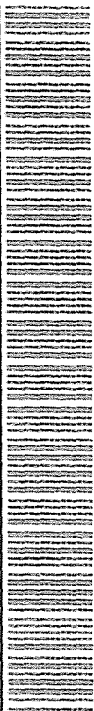
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

DUPONT

REG. U.S. PAT. & T.M. OFF.

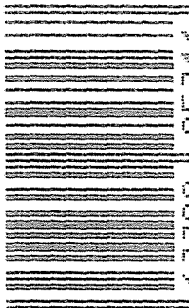
VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

SERIAL NO. C6636289	ORDER NO. 5716
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5716 C6636289

LPC



0 4700 25716

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # 6636289

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	6 25 91		RW
600	Proof	6 25 91		RW
607	Check Headspace	6.25 81		RW
610	Dis-assemble Gun			RW
612	Magnaflux Barrel Action	JUL	1 1991	KR
	Magnaflux Bolt	JUL	1 1991	KR
615	Rollmark Caliber	JUL	1 1991	JS
617	Drill and Tap Sight Holes	JUL	1 1991	FB
618	Polish Barrel	JUL	2 1991	WB
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		8/28/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/28/91	RW
	C) Inspect Ejector Hole for Chamfer		8/28/91	RW
	D) Oil Firing Pin Ass'y		8/28/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		7-4-91	DH

625
cont.

F) Safety On Force

6

5½

5½

9-4-91

DH

G) Safety Off Force

3½

3½

3

9-4-91

DH

H) Trigger Pull Test &
Retainability

9-4-91

DH

I) Firing Pin Indent

.021

.021

.022

9-4-91

DH

J) Assemble Stock

9/4/91

RW

K) Assemble Swivel Studs

9-10-91

AC

L) Attach Front and Rear
Sight Assemblies

9/4/91

RW

M) Iron Sight Alignment

9/4/91

RW

N) Detach Front & Rear
Sights & place in
numbered container

9/4/91

RW

O) Attach Scope to Rifle

9/4/91

RW

P) Detach & Attach Scope
20 Times

9/4/91

RW

640

Gallery Target & Test

9-4-91

AC

A) Time

9-4-91

AC

B) Malfunctions

9-4-91

AC

C) Pierced Primers

9-4-91

AC

D) Optical Clarity of Scope

9-4-91

AC

645

Inspect for Live Ammo

9-4-91

AC

655

Final Inspection

A) Headspace

9-10-91

AC

B) Trigger Pull

266

261

263

247

265

9-6-91

RW

C) Function

9-10-91

AC

660

Pack

9-18-91

VF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6636289

DATE 9-4-91

TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.52	2.43	2.53	2.66	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.45	2.41	2.59	2.64	
PULL #3	2.45	2.36	2.55	2.63	
PULL #4	2.43	2.40	2.55	2.47	
PULL #5	2.43	2.41	2.53	2.65	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.42	3.52		
PULL #2	3.43	3.09		
PULL #3	3.42	3.10		
PULL #4	3.40	3.09		
PULL #5	3.39	3.01		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.53	4.59		4.48
PULL #2	4.19	4.19		4.51
PULL #3	4.11	4.15		4.42
PULL #4	4.58	4.30		4.41
PULL #5	4.47	4.41		4.37
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6636289
4 Sep 1991

CENTROIDAL DISTANCES

0 TO 1	.312541
1 TO 2	.102786
1 TO 3	.135665
1 TO 4	.472619
1 TO 5	.456755

54
21
5 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.2082
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0282
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .210101
THE RMF FOR THIS RIFLE IS: .9148

4 Sep 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6636203

CENTERFIRE PATTERNS # 1

POR

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 4

2in = 7

3in = 9

HS= 2.406

VS= 1.933

GS= 2.957

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.144	.661	.519
MINIMUM X	-1.262	-1.135	-.816
MAXIMUM Y	1.070	.995	.929
MINIMUM Y	-.863	-.744	-.810
CENTROID X	-.241	-.368	-.226
CENTROID Y	-.199	-.318	-.252
POR TO CENTROID in.	.313	.486	.338
MIN RADIUS	.169	.012	.155
MEAN RADIUS	.762	.673	.572
MAX RADIUS	1.566	1.253	1.150
HORIZONTAL SPREAD	2.406	1.796	1.335
VERTICAL SPREAD	1.933	1.739	1.739
EXTREME SPREAD	2.957	1.884	1.813
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

4 Sep 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C66362B9

CENTERFIRE PATTERNS # 2

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 = 2.556

VS = 2.630

GS = 3.181

CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.311	.968	.831
MINIMUM X	:	-1.245	-1.099	-1.146
MAXIMUM Y	:	1.376	1.073	1.027
MINIMUM Y	:	-1.254	-1.101	-1.147
CENTROID X	:	-.210	-.356	-.219
CENTROID Y	:	-.101	-.254	-.208
POR TO CENTROID in.	:	.233	.437	.302
MIN RADIUS	:	.211	.125	.104
MEAN RADIUS	:	.968	.860	.797
MAX RADIUS	:	1.901	1.158	1.147
HORIZONTAL SPREAD	:	2.556	2.067	1.977
VERTICAL SPREAD	:	2.630	2.174	2.174
EXTREME SPREAD	:	3.181	2.185	2.185
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

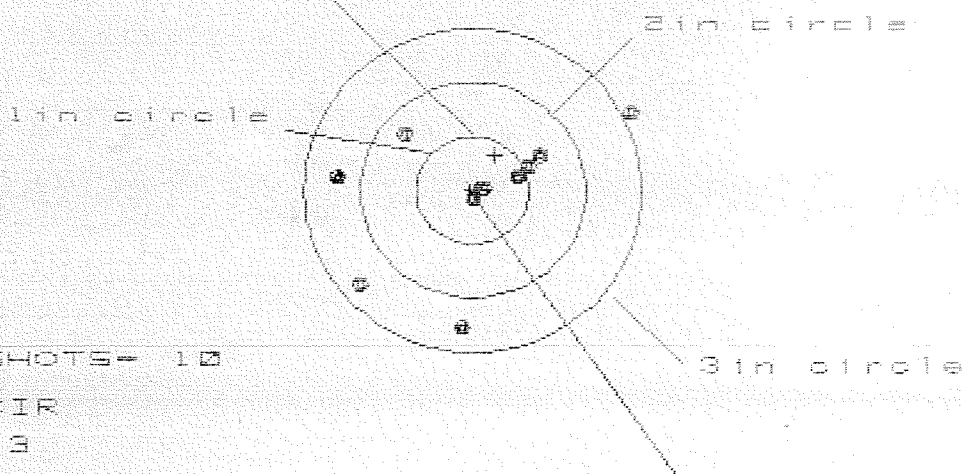
4 Sep 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C86362B3

CENTERFIRE PATTERNS

3

POR



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 5

3 in = 9

HS= 2.633

VS= 2.039

GS= 2.934

CENTROID *

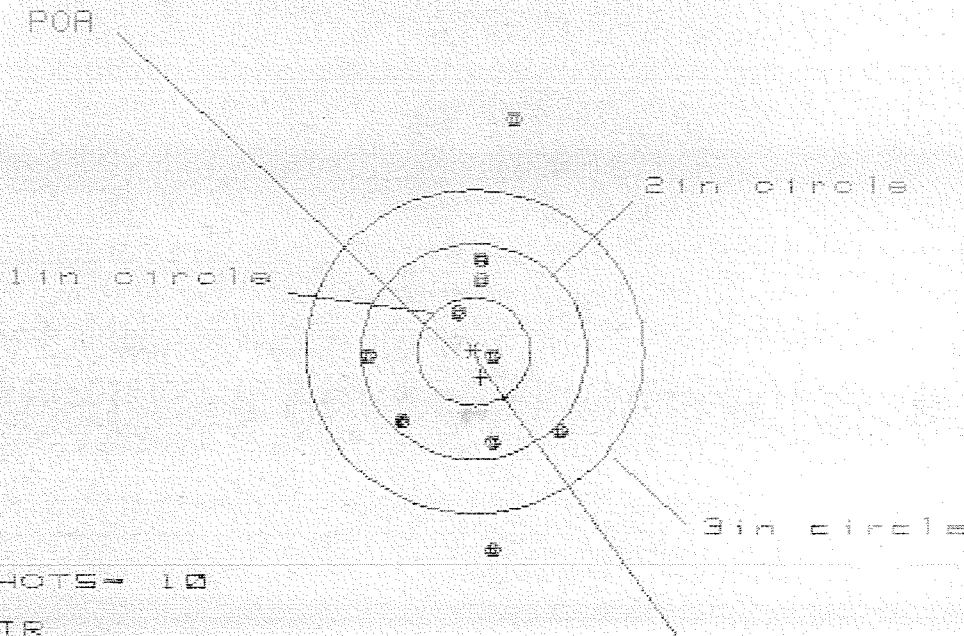
PATTERN #	:	3	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.406	.780	.674
MINIMUM X	:	-1.227	-1.071	-1.177
MAXIMUM Y	:	.776	.635	.535
MINIMUM Y	:	-1.263	-1.177	-1.277
CENTROID X	:	-.199	-.355	-.249
CENTROID Y	:	-.328	-.414	-.314
POR TO CENTROID in.	:	.384	.546	.400
MIN RADIUS	:	.083	.132	.097
MEAN RADIUS	:	.812	.759	.657
MAX RADIUS	:	1.606	1.177	1.281
HORIZONTAL SPREAD	:	2.633	1.851	1.851
VERTICAL SPREAD	:	2.039	1.812	1.812
EXTREME SPREAD	:	2.934	2.065	1.867
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

4 Sep 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C86362B9

CENTERFIRE PATTERNS

4



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 7

3 in = 8

HS = 1.658

VS = 4.076

GS = 4.082

CENTROID #

PATTERN #

4

SHOTS (BEST OF)

10

9

8

MAXIMUM X

.745

.783

.863

MINIMUM X

-.913

-.875

-.955

MAXIMUM Y

2.198

1.150

.946

MINIMUM Y

-1.878

-1.634

-.835

CENTROID X

-.061

-.099

-.119

CENTROID Y

.238

-.006

.198

POA TO CENTROID in.

.246

.099

.231

MIN RADIUS

.171

.330

.234

MEAN RADIUS

1.000

.875

.742

MAX RADIUS

2.225

1.641

1.060

HORIZONTAL SPREAD

1.658

1.658

1.658

VERTICAL SPREAD

4.076

2.784

1.781

EXTREME SPREAD

4.082

2.784

1.810

NUMBER IN ONE INCH CIRCLE =

2

NUMBER IN TWO INCH CIRCLE =

7

NUMBER IN THREE INCH CIRCLE =

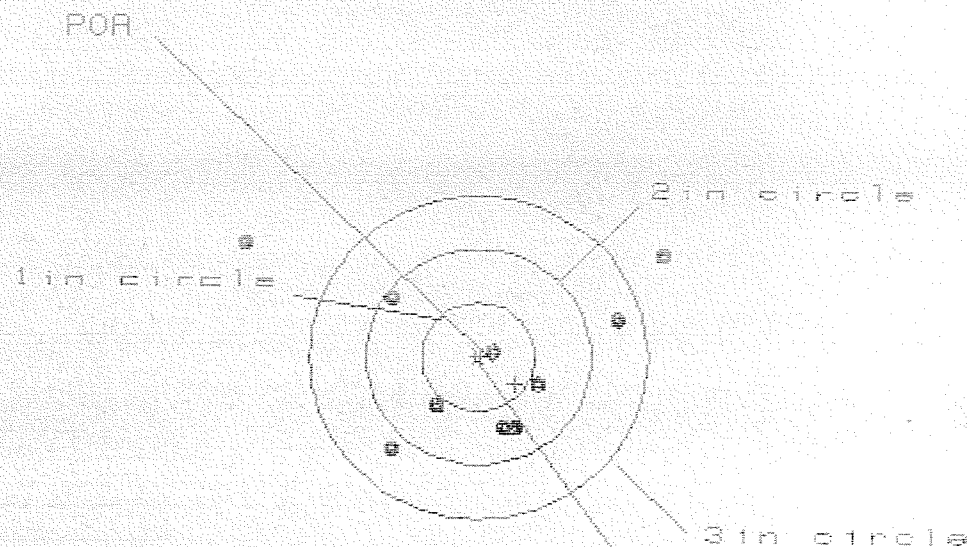
8

4 Sep 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C86362B9

CENTERFIRE PATTERNS

5



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 6

3 in = 8

HS= 3.782

VS= 1.906

GS= 3.786

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.663	1.427	1.203
MINIMUM X	:	-2.119	-1.004	-.025
MAXIMUM Y	:	1.081	1.031	.769
MINIMUM Y	:	-.825	-.705	-.576
CENTROID X	:	-.330	-.094	-.273
CENTROID Y	:	.249	.129	.000
POA TO CENTROID in.	:	.413	.160	.273
MIN RADIUS	:	.103	.239	.313
MEAN RADIUS	:	1.032	.847	.702
MAX RADIUS	:	2.379	1.761	1.326
HORIZONTAL SPREAD	:	3.782	2.431	2.028
VERTICAL SPREAD	:	1.906	1.736	1.345
EXTREME SPREAD	:	3.786	2.987	2.324
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	