

C6636084

MODEL 700™ M24

Model **SWS**™

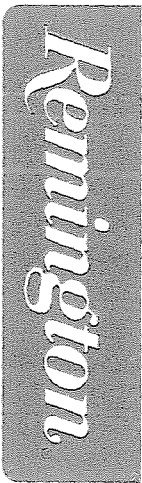
Action

Barrel Length

Capacity

Order No. **5716**

*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.

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

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

SERIAL NO.
C6636084

ORDER NO.
5716

20

5716 C6636084

UPC

0 47700 25716 7

Do Not

Shoot

Crack in Stock by
~~Tip~~ New Stock
Needs New Stock AC

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6636084

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	4 8 91		RW
600	Proof	4 8 91		RW
607	Check Headspace	4 8 91		RW
610	Dis-assemble Gun	4 8 91		RW
612	Magnaflux Barrel Action		APR 9 1991	KR
	Magnaflux Bolt		APR 9 1991	IC
615	Rollmark Caliber		APR 9 1991	LS
617	Drill and Tap Sight Holes		APR 19 1991	LB
618	Polish Barrel		APR 19 1991	WB
620	Apply Coatings (Barrel Action)		5-10-91	JA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		5/14/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/14/91	Fee
	C) Inspect Ejector Hole for Chamfer		5/14/91	RW
	D) Oil Firing Pin Ass'y		5/14/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5/17/91	PH

Op. #	NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	5			5-17-91	A
	G) Safety Off Force	4	4	4			5-17-91	A
	H) Trigger Pull Test & Retainability						5-17-91	D/H
	I) Firing Pin Indent	.021	.020	.021			5-17-91	AC
	J) Assemble Stock						5/17/91	RW
	K) Assemble Swivel Studs						5-23-91	D/K
	L) Attach Front and Rear Sight Assemblies						5/17/91	RW
	M) Iron Sight Alignment						5/17/91	RW
	N) Detach Front & Rear Sights & place in numbered container						5/17/91	RW
	O) Attach Scope to Rifle						5/17/91	RW
	P) Detach & Attach Scope 20 Times						5/17/91	RW
640	Gallery Target & Test						5-21-91	A
	A) Time						"	A
	B) Malfunctions						"	A
	C) Pierced Primers						"	A
	D) Optical Clarity of Scope						"	A
645	Inspect for Live Ammo						5-21-91	A
655	Final Inspection							
	A) Headspace						5-23-91	D/H
	B) Trigger Pull	2.60	2.22	2.21	2.22	2.25	5/23/91	D/H
	C) Function						5-23-91	D/H
660	Pack						6-20-91	N

New Stock
AC

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

SERIAL NO. C6636084
DATE 5-17-91
TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.47	2.63	2.51	2.60	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.49	2.54	2.47	2.22	
PULL #3	2.53	2.55	2.51	2.21	
PULL #4	2.54	2.40	2.56	2.22	
PULL #5	2.51	2.51	2.59	2.25	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.46	3.07		
PULL #2	3.39	3.05		
PULL #3	3.34	3.05		
PULL #4	3.23	3.47		
PULL #5	3.28	3.51		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.35	4.29		4.06
PULL #2	4.32	4.43		4.18
PULL #3	4.25	4.25		4.00
PULL #4	4.45	4.28		3.89
PULL #5	4.43	4.46		4.12
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6636884
21 May 1991

CENTROIDAL DISTANCES

0 TO	1	.311464
1 TO	2	.253148
1 TO	3	.297069
1 TO	4	.718844
1 TO	5	.83261

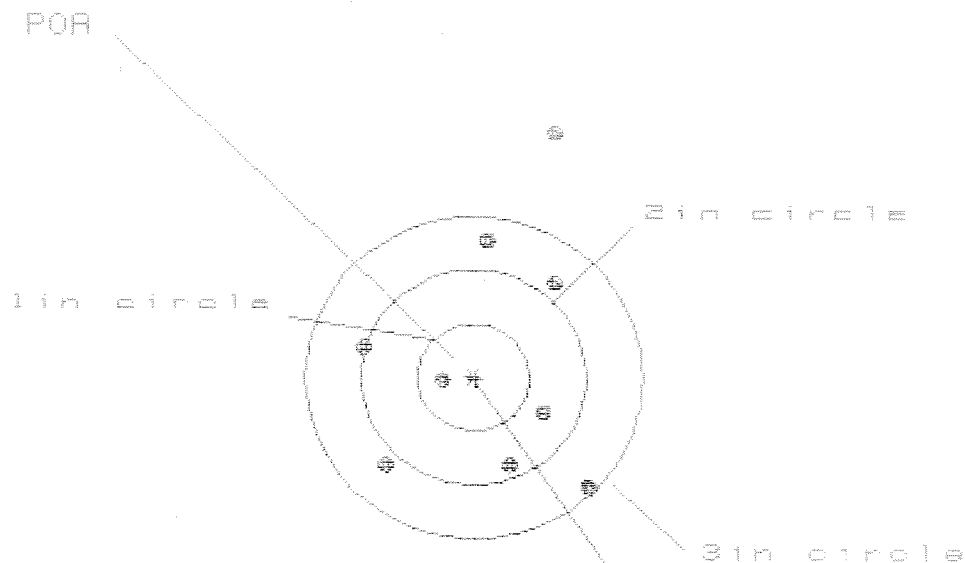
-----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2138
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0064
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .213896
THE AMR FOR THIS RIFLE IS: .9882

21 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C5636004

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 3

3 in = 8

HS= 2.436

VS= 4.213

GS= 4.741

CENTROID #

PATTERN #

1

SHOTS (BEST OF)

10

9

8

MAXIMUM X	: .970	.807	.875
MINIMUM X	: -1.466	-1.135	-1.067
MAXIMUM Y	: 2.296	2.082	1.379
MINIMUM Y	: -1.917	-1.192	-.931
CENTROID X	: -.018	.145	.076
CENTROID Y	: .016	.229	-.032
POA TO CENTROID in.	: .024	.270	.083
MIN RADIUS	: .297	.506	.395
MEAN RADIUS	: 1.267	1.147	.979
MAX RADIUS	: 2.414	2.153	1.379
HORIZONTAL SPREAD	: 2.436	1.942	1.942
VERTICAL SPREAD	: 4.213	3.274	2.310
EXTREME SPREAD	: 4.741	3.421	2.462
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		3	
NUMBER IN THREE INCH CIRCLE =		8	

21 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8536084

CENTERFIRE PATTERNS

2

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS= 10

IN CIR

1in = 2

2in = 6

3in = 8

HS= 3.951

VS= 1.625

GS= 4.068

PATTERN #

2

SHOTS (BEST OF)

	10	9	8
MAXIMUM X	2.205	1.307	1.120
MINIMUM X	-1.746	-1.501	-0.833
MAXIMUM Y	.605	.635	.551
MINIMUM Y	-1.020	-0.990	-1.074
CENTROID X	.496	.251	.438
CENTROID Y	-.225	-.255	-.171
POA TO CENTROID in.	.544	.357	.470
MIN RADIUS	.119	.183	.149
MEAN RADIUS	1.015	.845	.732
MAX RADIUS	2.221	1.645	1.552
HORIZONTAL SPREAD	3.951	2.808	1.953
VERTICAL SPREAD	1.625	1.625	1.625
EXTREME SPREAD	4.068	2.826	2.338
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		8	

21 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/CS635084

CENTERFIRE PATTERNS

3

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS= 10

IN CIR

1 in = 1

2 in = 7

3 in = 9

HS= 2.506

VS= 2.131

GS= 2.673

PATTERN # 3

SHOTS (BEST OF) 10 9 8

MAXIMUM X : 1.363 .985 .861

MINIMUM X : -1.143 -.991 -.651

MAXIMUM Y : .904 .767 .713

MINIMUM Y : -1.227 -1.105 -1.159

CENTROID X : .447 .295 .419

CENTROID Y : -.153 -.016 .038

POA TO CENTROID in. : .472 .296 .421

MIN RADIUS : .459 .395 .457

MEAN RADIUS : .928 .787 .755

MAX RADIUS : 1.834 1.155 1.178

HORIZONTAL SPREAD : 2.506 1.976 1.512

VERTICAL SPREAD : 2.131 1.872 1.872

EXTREME SPREAD : 2.673 2.222 1.878

NUMBER IN ONE INCH CIRCLE = 1

NUMBER IN TWO INCH CIRCLE = 7

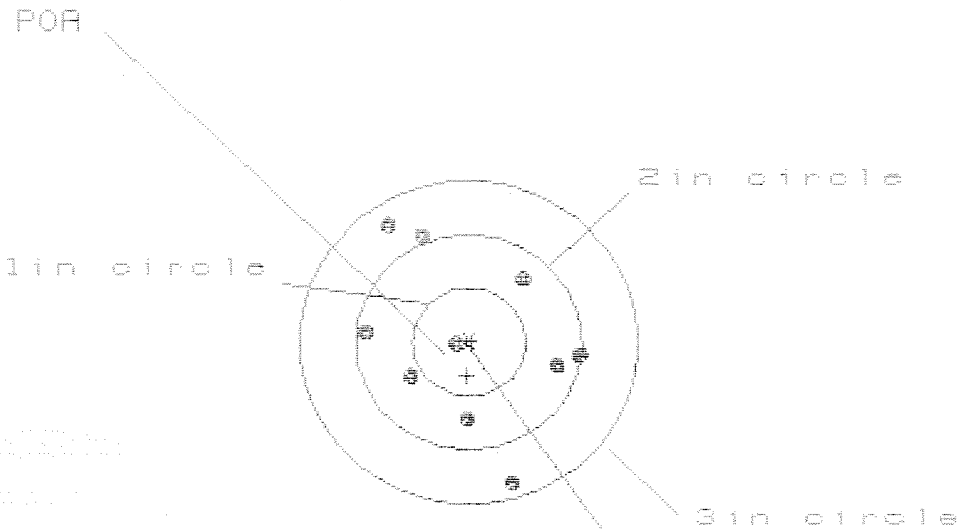
NUMBER IN THREE INCH CIRCLE = 9

21 May 1991

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CENTERFIRE PATTERNS

4



OF SHOTS= 10

IN CIR

1in = 1

2in = 7

3in = 10

HS= 1.843

VS= 2.413

GS= 2.636

CENTROID #

PATTERN # : 4

SHOTS (BEST OF)	10	9	8
MAXIMUM X	.959	1.000	.919
MINIMUM X	-.884	-.843	-.924
MAXIMUM Y	1.101	.955	.981
MINIMUM Y	-1.312	-.862	-.742
CENTROID X	.017	-.024	.057
CENTROID Y	.311	.457	.337
POA TO CENTROID in.	.311	.457	.342
MIN RADIUS	.121	.191	.167
MEAN RADIUS	.862	.810	.750
MAX RADIUS	1.364	1.154	1.084
HORIZONTAL SPREAD	1.843	1.843	1.843
VERTICAL SPREAD	2.413	1.817	1.723
EXTREME SPREAD	2.636	2.051	1.856
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		10	

21 MAY 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6636064

CENTERFIRE PATTERNS

5

POR

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 3

2in = 7

3in = 9

HS= 2.991

VS= 1.903

GS= 3.036

CENTROID *

PATTERN #

5

SHOTS (BEST OF)

10

9

8

MAXIMUM X	1.166	.963	.803
MINIMUM X	-1.825	-1.274	-.933
MAXIMUM Y	.970	1.016	.905
MINIMUM Y	-.933	-.887	-.639
CENTROID X	.127	.330	.489
CENTROID Y	.083	.037	.148
POR TO CENTROID in.	.152	.332	.511
MIN RADIUS	.194	.059	.073
MEAN RADIUS	.869	.702	.562
MAX RADIUS	1.872	1.553	.998
HORIZONTAL SPREAD	2.991	2.237	1.737
VERTICAL SPREAD	1.903	1.903	1.544
EXTREME SPREAD	3.036	2.385	1.747
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	