

C6611660

MODEL 700™ M24

Model **SMS**™

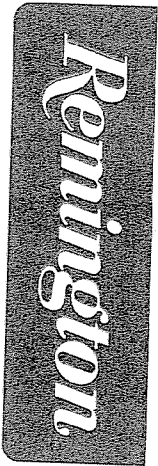
Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Remington
MODEL 700™ M24

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

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

SERIAL NO.
C6611660

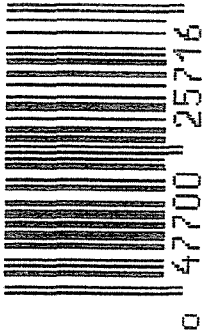
ORDER NO.
5716

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

20

5716 C6611660

UPC



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6611660

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		3/18/91	KS.
600	Proof		3/18/91	KS.
607	Check Headspace		3/18/91	KS.
610	Dis-assemble Gun		3/18/91	KS.
612	Magnaflux Barrel Action		3/28/91	KR
	Magnaflux Bolt		11	11
615	Rollmark Caliber		11	LL
617	Drill and Tap Sight Holes	APR	3 1991	FB
618	Polish Barrel	APR	3 1991	WB
620	Apply Coatings (Barrel Action)		4-19-91	15
	Apply Coating (Bolt)			15
625	Final Assembly A) Clean inside of Bolt Assembly		4/24/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/24/91	KS
	C) Inspect Ejector Hole for Chamfer		4/24/91	KS
	D) Oil Firing Pin Ass'y		4/24/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		4/29/91	KS

op. #	BARBER M24 0033953	READINGS				DATE	INIT	
625 cont.	F) Safety On Force	6	6	6		4/30/91	JL	
	G) Safety Off Force	4	4	4		4/30/91	JL	
	H) Trigger Pull Test & Retainability					4/29/91	JL	
	I) Firing Pin Indent	.0225	.0225	.0225		4/30/91	JL	
	J) Assemble Stock					4/30/91	KS	
	K) Assemble Swivel Studs					5-1-91	D/H	
	L) Attach Front and Rear Sight Assemblies					4/30/91	KS	
	M) Iron Sight Alignment					4/30/91	KS	
	N) Detach Front & Rear Sights & place in numbered container					4/30/91	KS	
	O) Attach Scope to Rifle					4/30/91	KS	
	P) Detach & Attach Scope 20 Times					4/30/91	KS	
640	Gallery Target & Test					4/30/91	KT	
	A) Time					"	KT	
	B) Malfunctions					"	KT	
	C) Pierced Primers					"	KT	
	D) Optical Clarity of Scope					"	KT	
645	Inspect for Live Ammo					4/30/91	KT	
655	Final Inspection							
	A) Headspace					5-1-91	D/H	
	B) Trigger Pull	2.22	2.15	2.18	2.20	2.18	5/10/91	JL
	C) Eunction						5-1-91	D/H
660	Pack					6-18-91	N	

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#
3.00# + .75#
4.00# + 1.00#

SERIAL NO. C-6611660DATE 4/29/98TESTER [Signature]

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.57	2.57	2.50	2.22	MIN. SETTING,
PULL #2	2.52	2.25	2.48	2.15	NO AVG. OF 5
PULL #3	2.56	2.48	2.54	2.18	READINGS ACCEPT-
PULL #4	2.57	2.50	2.51	2.20	ABLE LESS THAN 2#
PULL #5	2.55	2.49	2.50	2.20	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.28	3.45		
PULL #2	3.63	3.45		
PULL #3	3.32	3.49		
PULL #4	3.61	3.51		
PULL #5	3.62	3.54		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.21	4.34		4.38
PULL #2	4.12	4.31		4.38
PULL #3	4.32	4.33		4.36
PULL #4	4.31	4.32		4.42
PULL #5	4.34	4.30		4.41
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS .
FOR RIFLE # C6611660
30 Apr 1991

CENTROIDAL DISTANCES .

0 TO	1	.224129
1 TO	2	.206323
1 TO	3	.468262
1 TO	4	.20102
1 TO	5	.221416

$\frac{9}{4}$ <----POA

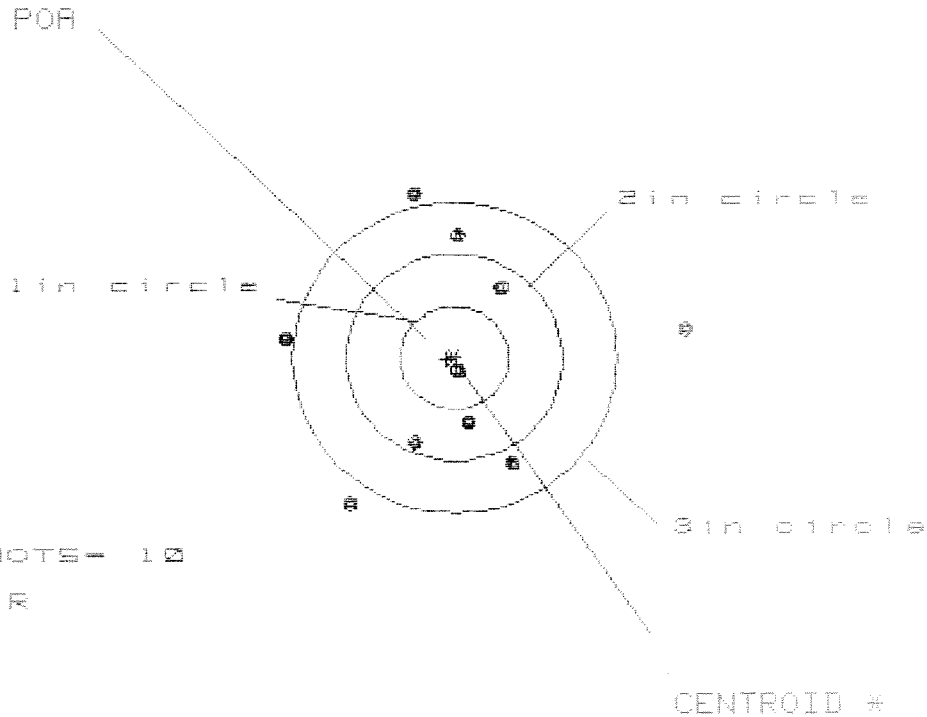
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .09
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0032
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0000509

THE AMR FOR THIS RIFLE IS: 1.052

30 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08611660

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 6

HS= 3.724

VS= 2.972

CS= 3.724

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.138	.752	.654
MINIMUM X	-1.586	-1.348	-1.446
MAXIMUM Y	1.565	1.591	1.419
MINIMUM Y	-1.407	-1.381	-1.124
CENTROID X	.070	-.168	-.070
CENTROID Y	.017	-.009	.163
POA TO CENTROID in.	.072	.168	.178
MIN RADIUS	.101	.309	.304
MEAN RADIUS	1.176	1.081	1.009
MAX RADIUS	2.151	1.598	1.448
HORIZONTAL SPREAD	3.724	2.100	2.100
VERTICAL SPREAD	2.972	2.972	2.543
EXTREME SPREAD	3.724	3.038	2.698
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		6	

30 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6B11660

CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

CENTROID #

OF SHOTS- 10

IN CIR

1 in = 0

2 in = 5

3 in = 8

HS= 3.161

VS= 2.218

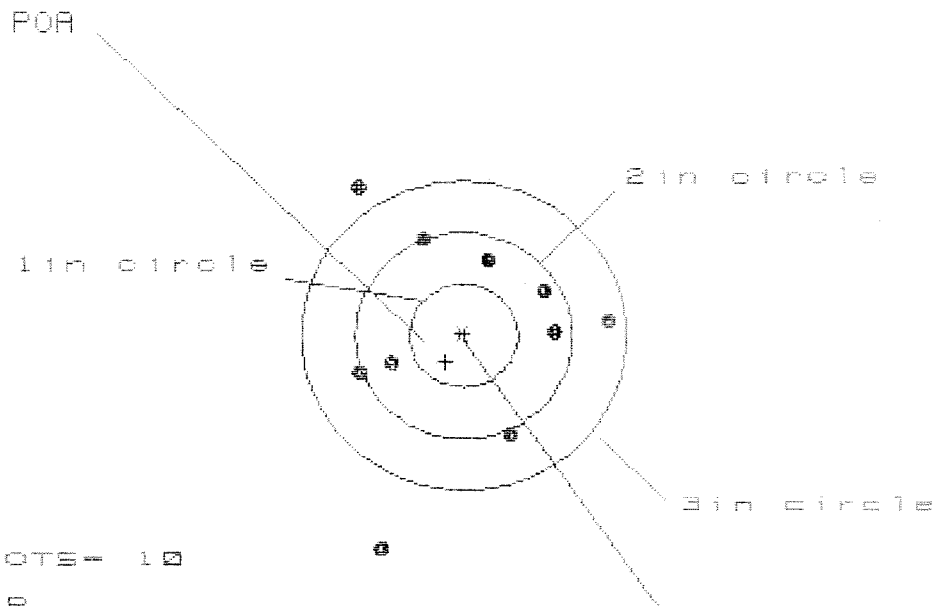
GS= 3.209

PATTERN #	2		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.572	1.281	1.184
MINIMUM X	-1.589	-1.414	-.951
MAXIMUM Y	.813	.895	.927
MINIMUM Y	-1.405	-1.323	-1.291
CENTROID X	-.060	-.235	-.058
CENTROID Y	-.075	-.157	-.189
POA TO CENTROID in.	.096	.282	.198
MIN RADIUS	.641	.467	.638
MEAN RADIUS	1.110	1.005	.951
MAX RADIUS	1.735	1.438	1.330
HORIZONTAL SPREAD	3.161	2.695	2.055
VERTICAL SPREAD	2.218	2.218	2.218
EXTREME SPREAD	3.209	2.716	2.485
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		8	

30 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611660

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 0

2in = 5

3in = 8

HS= 2.377

VS= 3.483

GS= 3.490

CENTROID *

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.375
MINIMUM X	-1.002
MAXIMUM Y	1.402
MINIMUM Y	-2.081
CENTROID X	.165
CENTROID Y	.260
POA TO CENTROID in.	.308
MIN RADIUS	.668
MEAN RADIUS	1.152
MAX RADIUS	2.205
HORIZONTAL SPREAD	2.377
VERTICAL SPREAD	3.483
EXTREME SPREAD	3.490
NUMBER IN ONE INCH CIRCLE =	0
NUMBER IN TWO INCH CIRCLE =	5
NUMBER IN THREE INCH CIRCLE =	8

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FILE:/PATTERNING/CENTERFIRE_PATT/C8611660

CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 6

HS= 1.906

VS= 3.428

GS= 3.428

PATTERN #

4

SHOTS (BEST OF)

10

9

8

MAXIMUM X

.849

.774

.680

MINIMUM X

-1.057

-1.132

-1.226

MAXIMUM Y

1.613

1.412

.997

MINIMUM Y

-1.815

-.583

-.407

CENTROID X

.180

.255

.349

CENTROID Y

-.015

.186

.010

POA TO CENTROID in.

.180

.316

.349

MIN RADIUS

.253

.373

.273

MEAN RADIUS

.933

.831

.685

MAX RADIUS

1.937

1.600

1.292

HORIZONTAL SPREAD

1.906

1.906

1.906

VERTICAL SPREAD

3.428

1.995

1.404

EXTREME SPREAD

3.428

2.451

2.367

NUMBER IN ONE INCH CIRCLE =

3

NUMBER IN TWO INCH CIRCLE =

5

NUMBER IN THREE INCH CIRCLE =

6

30 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611660

CENTERFIRE PATTERNS

5

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS = 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 2.602

VS= 2.600

GS= 2.913

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.257
MINIMUM X	-1.345
MAXIMUM Y	1.057
MINIMUM Y	-1.543
CENTROID X	.095
CENTROID Y	-.203
POA TO CENTROID in.	.225
MIN RADIUS	.360
MEAN RADIUS	.942
MAX RADIUS	1.711
HORIZONTAL SPREAD	2.602
VERTICAL SPREAD	2.600
EXTREME SPREAD	2.913
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	5
NUMBER IN THREE INCH CIRCLE =	8