

C6611777

MODEL 700TM M24

Model **SMS**TM

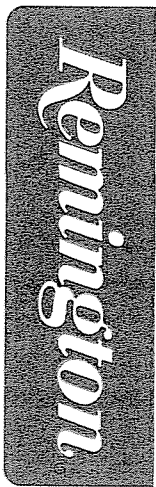
Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



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

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.

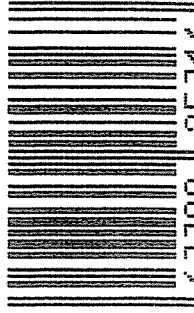
SERIAL NO.
C6611777

ORDER NO.
5716



5716 C6611777

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611777

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	3 28	91	RW
600	Proof	3 28	91	RW
607	Check Headspace	3 28	91	RW
610	Dis-assemble Gun	3 28	91	RW
612	Magnaflux Barrel Action	APR	2 1991	KR
	Magnaflux Bolt	APR	2 1991	"
615	Rollmark Caliber	APR 2	1991	LG
617	Drill and Tap Sight Holes	APR	5 1991	LB
618	Polish Barrel	APR	5 1991	WB
620	Apply Coatings (Barrel Action)		4-9-91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/16/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/16/91	RW
	C) Inspect Ejector Hole for Chamfer		4/16/91	RW
	D) Oil Firing Pin Ass'y		4/16/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		4/23/91	JH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			4/23/91	JU
	G) Safety Off Force	4	4	4			4/23/91	JU
	H) Trigger Pull Test & Retainability						4/23/91	JU
	I) Firing Pin Indent	.022	.0225	.0225			4/23/91	JU
	J) Assemble Stock						5/2/91	RW
	K) Assemble Swivel Studs						5-14-91	D/H
	L) Attach Front and Rear Sight Assemblies						5/2/91	RW
	M) Iron Sight Alignment						5/2/91	RW
	N) Detach Front & Rear Sights & place in numbered container						5/2/91	RW
	O) Attach Scope to Rifle						5/2/91	RW
	P) Detach & Attach Scope 20 Times						5/2/91	RW
640	Gallery Target & Test						5-2-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						5-2-91	NF
655	Final Inspection							
	A) Headspace						5-14-91	D/H
	B) Trigger Pull	2.54	2.48	2.51	2.57	2.59	5/10/90	JU
	C) Function						5-14-91	D/H
660	Pack						6-14-91	NF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6611777

DATE 4/23/91

TESTER [Signature]

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.38	2.34	2.40	2.54	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.35	2.35	2.44	2.48	
PULL #3	2.37	2.35	2.38	2.51	
PULL #4	2.39	2.40	2.43	2.57	
PULL #5	2.32	2.38	2.44	2.59	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.44	3.15		
PULL #2	3.40	3.44		
PULL #3	3.39	3.32		
PULL #4	3.58	3.44		
PULL #5	3.51	3.42		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.26	4.53		4.25
PULL #2	4.25	4.45		4.40
PULL #3	4.21	4.30		4.39
PULL #4	4.43	4.48		4.39
PULL #5	4.45	4.51		4.47
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611777
2 May 1991

CENTROIDAL DISTANCES

0 TO	1	.140089
1 TO	2	.469315
1 TO	3	.200562
1 TO	4	.110476
1 TO	5	.145086

2

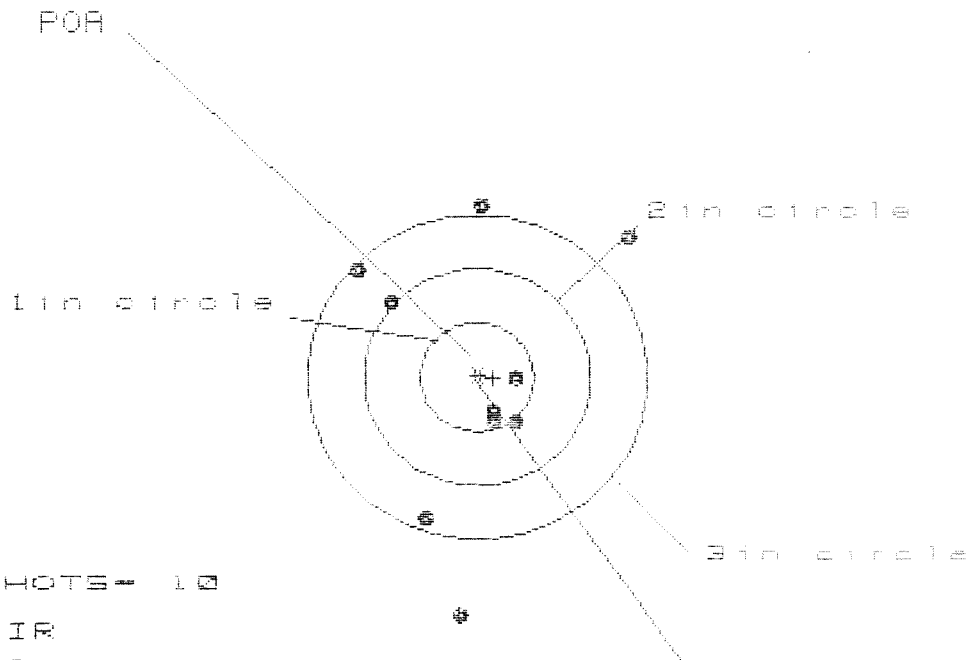
-----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0824
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1328
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .156287
THE AMP FOR THIS RIFLE IS: 1.072

2 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06611777

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 3

2 in = 4

3 in = 7

HS = 2.431

VS = 3.776

GS = 3.786

CENTROID +

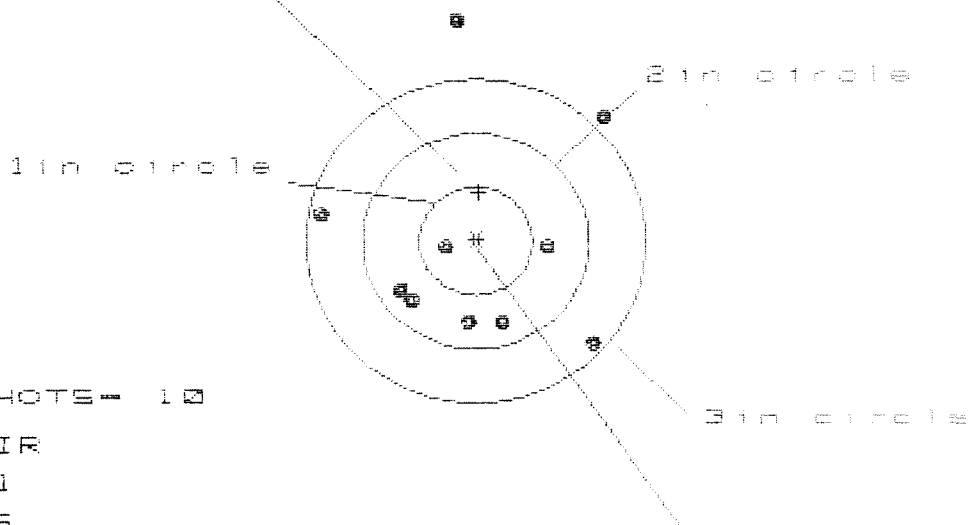
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.388	1.366	.535
MINIMUM X	:	-1.043	-1.065	-.895
MAXIMUM Y	:	1.618	1.379	1.507
MINIMUM Y	:	-2.158	-1.560	-1.432
CENTROID X	:	-.140	-.118	-.288
CENTROID Y	:	.005	.244	.116
POA TO CENTROID in.	:	.140	.271	.311
MIN RADIUS	:	.334	.410	.506
MEAN RADIUS	:	1.127	1.039	.939
MAX RADIUS	:	2.167	1.707	1.523
HORIZONTAL SPREAD	:	2.431	2.431	1.430
VERTICAL SPREAD	:	3.776	2.939	2.939
EXTREME SPREAD	:	3.786	3.200	2.994
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	

2 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06611777

CENTERFIRE PATTERNS # 2

POR



OF SHOTS = 10

IN CIR

1in = 1

2in = 6

3in = 8

HS = 2.579

VS = 3.017

GS = 3.252

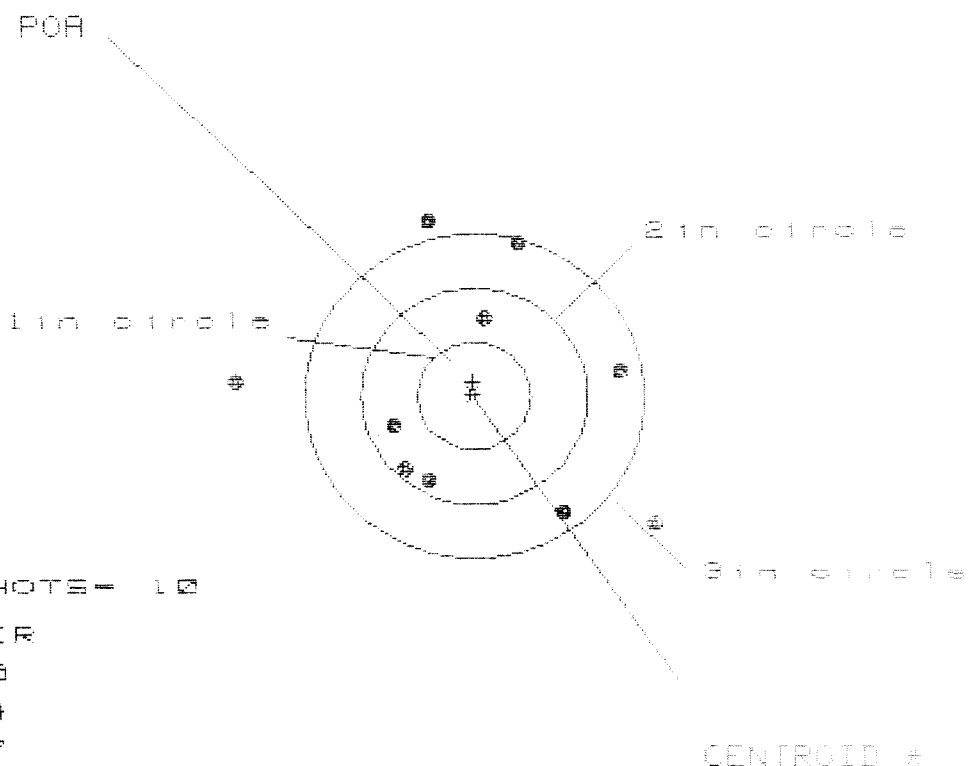
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.170	1.153	1.195
MINIMUM X	:	-1.409	-1.426	-1.281
MAXIMUM Y	:	2.026	1.376	.697
MINIMUM Y	:	-.991	-.766	-.594
CENTROID X	:	-.029	-.012	-.156
CENTROID Y	:	-.451	-.676	-.848
POR TO CENTROID in.	:	.452	.676	.863
MIN RADIUS	:	.243	.319	.325
MEAN RADIUS	:	1.053	.892	.729
MAX RADIUS	:	2.031	1.796	1.459
HORIZONTAL SPREAD	:	2.579	2.579	2.476
VERTICAL SPREAD	:	3.017	2.142	1.291
EXTREME SPREAD	:	3.252	2.792	2.792
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

2 May 1991

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CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 0

2in = 4

3in = 7

HS = 3.691

VS = 2.790

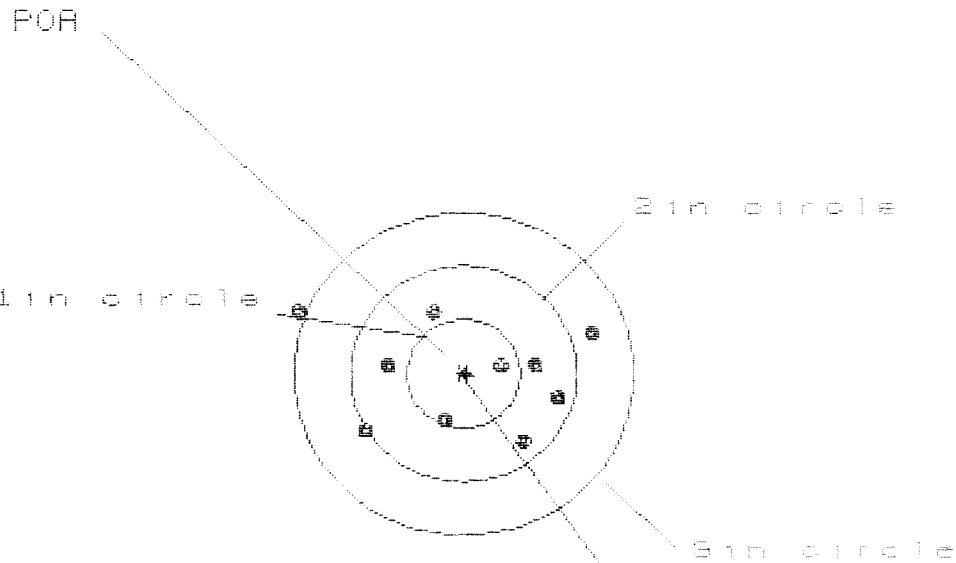
GS = 3.938

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.624	1.395	1.333
MINIMUM X	:	-2.067	-1.944	-1.770
MAXIMUM Y	:	1.584	1.602	1.454
MINIMUM Y	:	-1.206	-1.188	-1.241
CENTROID X	:	.011	.240	.066
CENTROID Y	:	-.127	-.145	.003
POA TO CENTROID in.	:	.127	.281	.066
MIN RADIUS	:	.684	.725	.553
MEAN RADIUS	:	1.310	1.228	1.126
MAX RADIUS	:	2.073	1.832	1.517
HORIZONTAL SPREAD	:	3.691	2.339	2.003
VERTICAL SPREAD	:	2.790	2.790	2.695
EXTREME SPREAD	:	3.938	3.435	2.954
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	

2 May 1991

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CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 2

2in = 7

3in = 9

HS= 2.526

VS= 1.187

GS= 2.530

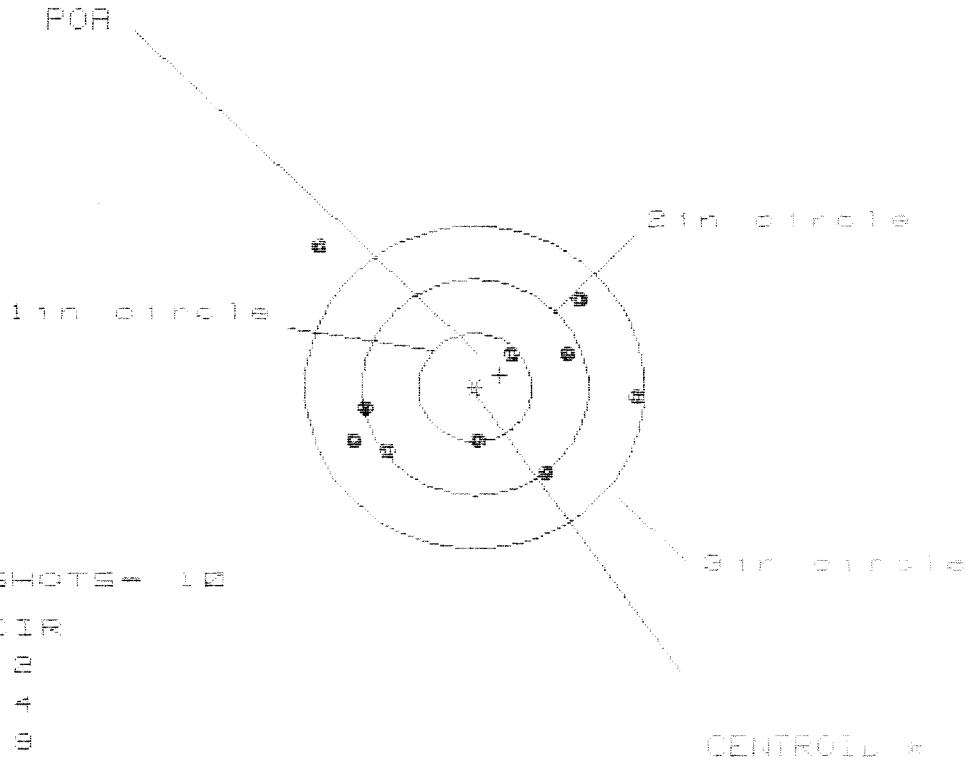
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.093	.933	.747
MINIMUM X	:	-1.433	-1.012	-.895
MAXIMUM Y	:	.589	.648	.704
MINIMUM Y	:	-.598	-.539	-.483
CENTROID X	:	-.031	.129	.012
CENTROID Y	:	.023	-.036	-.092
POA TO CENTROID in.	:	.038	.133	.093
MIN RADIUS	:	.297	.195	.317
MEAN RADIUS	:	.809	.703	.666
MAX RADIUS	:	1.528	1.127	.997
HORIZONTAL SPREAD	:	2.526	1.945	1.642
VERTICAL SPREAD	:	1.187	1.187	1.187
EXTREME SPREAD	:	2.530	2.165	1.682
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 2

2in = 4

3in = 8

HS= 2.790

VS= 2.103

GS= 3.124

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.452	1.303	.899
MINIMUM X	:	-1.338	-1.226	-1.063
MAXIMUM Y	:	1.278	.978	.960
MINIMUM Y	:	-.825	-.683	-.681
CENTROID X	:	-.223	-.074	-.237
CENTROID Y	:	-.114	-.256	-.256
POA TO CENTROID in.	:	.250	.267	.350
MIN RADIUS	:	.454	.332	.312
MEAN RADIUS	:	1.062	.949	.898
MAX RADIUS	:	1.850	1.303	1.330
HORIZONTAL SPREAD	:	2.790	2.529	1.962
VERTICAL SPREAD	:	2.103	1.681	1.661
EXTREME SPREAD	:	3.124	2.561	2.392
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	