

C6636067

MODEL 700TM M24

Model **SMS** TM

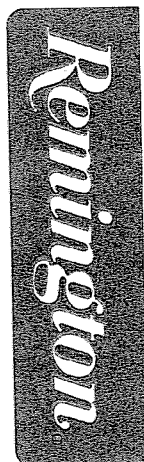
Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Remington

Remington® **DUPONT**®
REG. U.S. PAT. & TM. OFF.

MODEL 700™ H24

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. C6636067	ORDER NO. 5716
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5716 C6636067

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6636067

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	4 8 9 1		RW
600	Proof	4 8 9 1		RW
607	Check Headspace	4 8 9 1		RW
610	Dis-assemble Gun	4 8 9 1		RW
612	Magnaflux Barrel Action	APR	9 1991	KR
	Magnaflux Bolt	APR	9 1991	LI
615	Rollmark Caliber	APR	9 1991	YG
617	Drill and Tap Sight Holes	APR	19 1991	WB
618	Polish Barrel	APR	19 1991	WB
620	Apply Coatings (Barrel Action)		5-10-91	JA
	Apply Coating (Bolt)			JA
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	RW
	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		6/11/91	WB

BARBER - M24 0037311

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6 ³ / ₄	6 ³ / ₄	6 ¹ / ₂			6/1/91	WB
	G) Safety Off Force	3	3	3			6/1/91	WB
	H) Trigger Pull Test & Retainability						6/1/91	WB
	I) Firing Pin Indent	.021	.022	.0215			6/1/91	WB
	J) Assemble Stock						6/3/91	Rev
	K) Assemble Swivel Studs						6-8-91	D/H
	L) Attach Front and Rear Sight Assemblies						6/3/91	Rev
	M) Iron Sight Alignment						6/3/91	Rev
	N) Detach Front & Rear Sights & place in numbered container						6/3/91	Rev
	O) Attach Scope to Rifle						6/3/91	Rev
	P) Detach & Attach Scope 20 Times						6/3/91	Rev
640	Gallery Target & Test						6-3-91	AF
	A) Time						"	AF
	B) Malfunctions						"	AF
	C) Pierced Primers						"	AF
	D) Optical Clarity of Scope						"	AF
645	Inspect for Live Ammo						6-3-91	AF
655	Final Inspection							
	A) Headspace						6-8-91	D/H
	B) Trigger Pull	2.51	2.46	2.56	2.58	2.66	6-8-91	Rev
	C) Function						6-8-91	D/H
660	Pack						6-20-91	AF

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

SERIAL NO C6636067
DATE 6/1/91
TESTER JFWB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.56	2.59	2.56	2.57	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.57	2.57	2.54	2.46	
PULL #3	2.42	2.55	2.56	2.56	
PULL #4	2.51	2.61	2.58	2.58	
PULL #5	2.53	2.64	2.52	2.66	
TOTAL	12.59	12.96	12.76		
AVG.	2.52	2.59	2.55		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.09	3.19		
PULL #2	3.11	3.19		
PULL #3	3.13	3.17		
PULL #4	3.13	3.00		
PULL #5	3.12	3.10		
TOTAL	15.58	15.65		
AVG.	3.16	3.13		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.08	4.20		4.00
PULL #2	4.00	4.11		4.02
PULL #3	4.01	4.06		4.04
PULL #4	4.00	4.08		4.06
PULL #5	3.99	4.13		4.02
TOTAL	20.08	20.58		20.14
AVG.	4.02	4.11		4.03

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6636067
3 Jun 1991

CENTROIDAL DISTANCES

0 TO	1	.137306
1 TO	2	.185284
1 TO	3	.471332
1 TO	4	.173118
1 TO	5	.393615

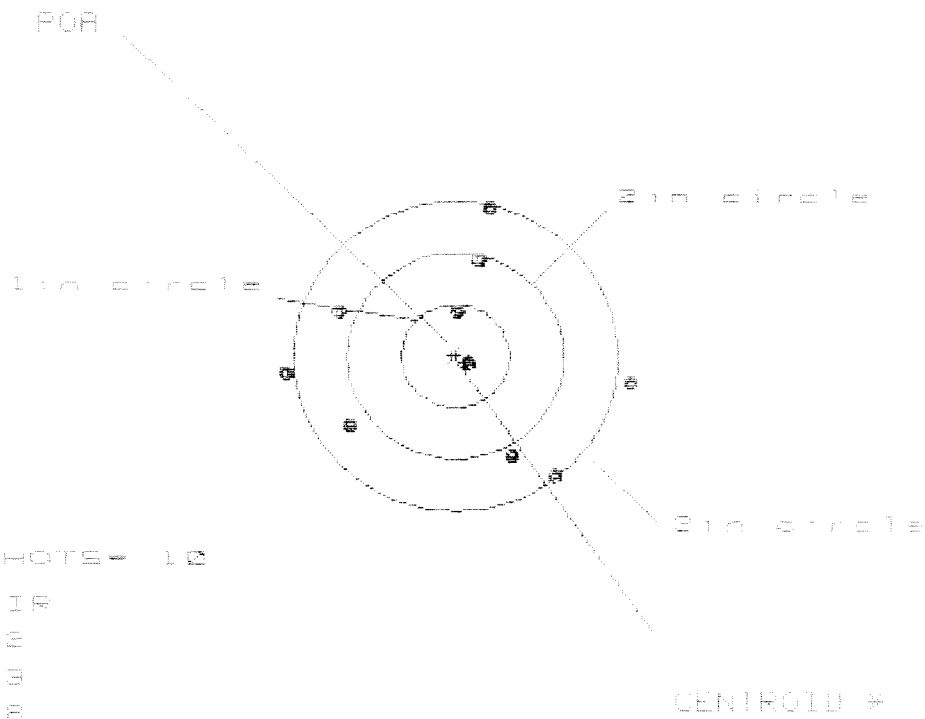
245 (----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0536
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .01
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0545219
THE AMR FOR THIS RIFLE IS: 1.022

3 Jun 1997

FILE:/PATTERNING/CENTERFIRE_PATT/08036007

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 3

3 in = 8

ME = 3.199

MS = 2.589

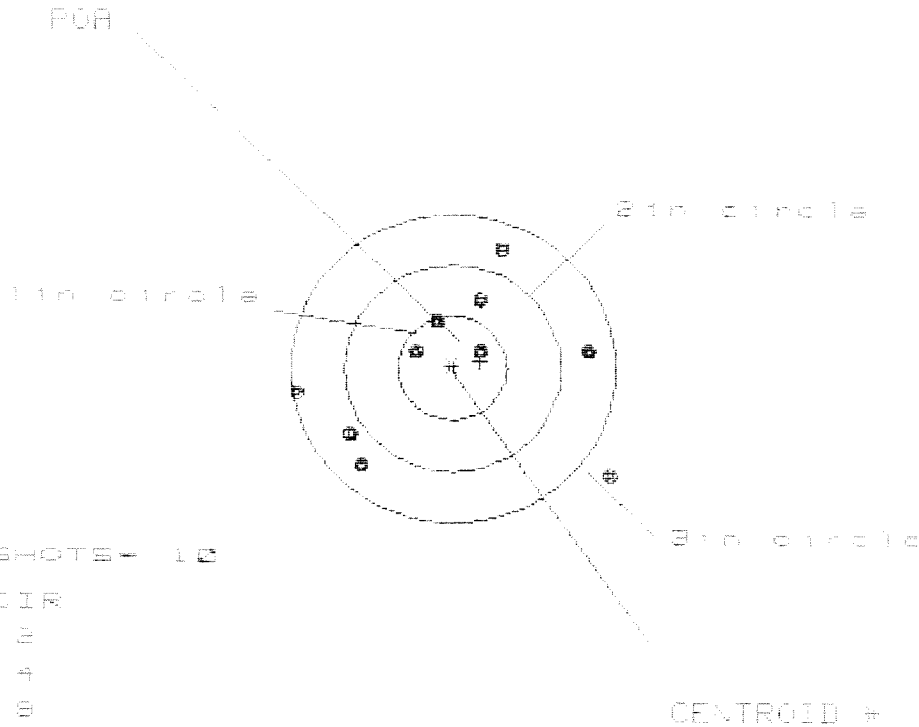
GS = 3.201

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.583	1.403	.924
MINIMUM X	-1.617	-1.273	-1.098
MAXIMUM Y	1.431	1.415	1.380
MINIMUM Y	-1.158	-1.174	-1.209
CENTROID X	-.122	.058	-.117
CENTROID Y	.063	.079	.114
POA TO CENTROID IN.	.137	.098	.163
MIN RADIUS	.166	.112	.135
MEAN RADIUS	1.117	1.049	.990
MAX RADIUS	1.623	1.438	1.522
HORIZONTAL SPREAD	3.199	2.676	2.822
VERTICAL SPREAD	2.589	2.589	2.589
EXTREME SPREAD	3.201	2.772	2.665
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		3	
NUMBER IN THREE INCH CIRCLE =		8	

3 Jun 1991

FILE: PATTERNING/CENTERFIRE_PATT/06696087

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 4

3 in = 8

HS= 2.939

VS= 2.187

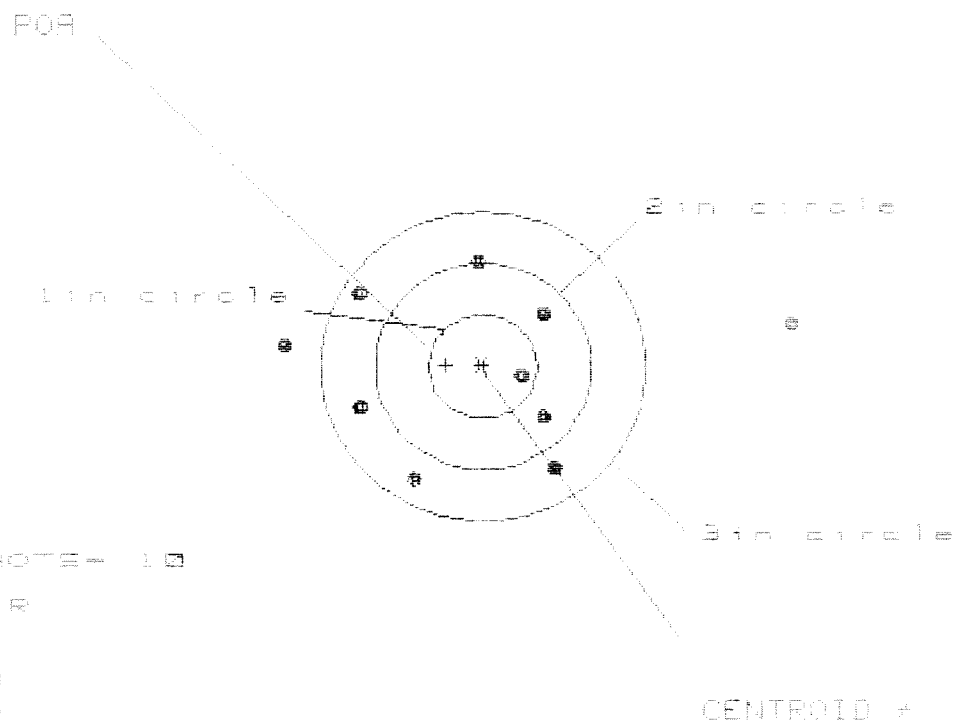
ES= 3.041

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	6
MAXIMUM X	1.481	1.405	1.243
MINIMUM X	-1.458	-1.293	-.926
MAXIMUM Y	1.126	1.008	.958
MINIMUM Y	-1.061	-1.045	-1.095
CENTROID X	-.255	-.420	-.258
CENTROID Y	-.066	.052	.102
POA TO CENTROID in.	.263	.423	.278
MIN RADIUS	.308	.173	.234
MEAN RADIUS	1.007	.880	.800
MAX RADIUS	1.822	1.405	1.374
HORIZONTAL SPREAD	2.939	2.698	2.169
VERTICAL SPREAD	2.187	2.053	2.053
EXTREME SPREAD	3.041	2.733	2.448
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		9	

3 Jun 1991

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 3

3 in = 8

1st = 4.621

2nd = 2.097

3rd = 4.636

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	2.811
MINIMUM X	-1.820
MAXIMUM Y	1.054
MINIMUM Y	-1.043
CENTROID X	.343
CENTROID Y	-.014
POA TO CENTROID in.	.343
MIN RADIUS	.341
MEAN RADIUS	1.249
MAX RADIUS	2.846
HORIZONTAL SPREAD	4.631
VERTICAL SPREAD	2.097
EXTREME SPREAD	4.636
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	3
NUMBER IN THREE INCH CIRCLE =	8

3 Jun 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08685087

CENTERFIRE PATTERNS

4

POP

1 in circle

2 in circle

3 in circle

CENTROID +

OF SHOTS = 10

IN CIR

1 in = 2

2 in = 6

3 in = 9

HS = 1.852

VS = 2.935

CS = 2.951

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.960	.916	.900
MINIMUM X	:	-.892	-.936	-.952
MAXIMUM Y	:	1.290	1.107	.721
MINIMUM Y	:	-1.645	-.792	-.653
CENTROID X	:	.031	.075	.091
CENTROID Y	:	-.018	.165	.026
POP TO CENTROID in.	:	.036	.181	.099
MIN RADIUS	:	.282	.284	.227
MEAN RADIUS	:	.863	.771	.708
MAX RADIUS	:	1.692	1.115	1.100
HORIZONTAL SPREAD	:	1.852	1.852	1.852
VERTICAL SPREAD	:	2.935	1.899	1.374
EXTREME SPREAD	:	2.951	2.005	2.005
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

3 Jun 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06636067

CENTERFIRE PATTERNS

5

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS - 10

IN CIR

1 in - 2

2 in - 7

3 in - 9

HS - 3.175

VS - 1.478

GS - 3.200

PATTERN #	:	5	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.007	.914	.796
MINIMUM X	:	-1.168	-.945	-.951
MAXIMUM Y	:	.847	.896	.653
MINIMUM Y	:	-.631	-.582	-.470
CENTROID X	:	.271	.048	.166
CENTROID Y	:	.085	.036	-.076
POA TO CENTROID in.	:	.284	.060	.182
MIN RADIUS	:	.134	.110	.178
MEAN RADIUS	:	.875	.722	.634
MAX RADIUS	:	2.056	1.302	.974
HORIZONTAL SPREAD	:	3.175	1.859	1.747
VERTICAL SPREAD	:	1.478	1.478	1.123
EXTREME SPREAD	:	3.200	2.375	1.875
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	