

C6636152

MODEL 700™ M24

Model **SWS**™

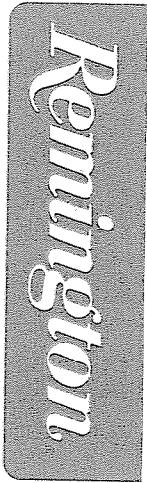
Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



BARBER - M24 0038303

Remington [®]		DU PONT REG. U.S. PAT. & TM. OFF.	VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700TM M24		SERIAL NO. C6636152	ORDER NO. 5716
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.			



5716 C6636152



CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 003830338342

CONTRACT # DAAA21-87-C-0086

B

GUN SERIAL #

C6636152

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	5 2 9 1		RW
600	Proof	5 2 9 1		RW
607	Check Headspace	5 2 9 1		RW
610	Dis-assemble Gun	5 2 9 1		RW
612	Magnaflux Barrel Action	5 2 0 1		KCD
	Magnaflux Bolt	5 8 9 1		KCD
615	Rollmark Caliber	5 8 9 1		CE
617	Drill and Tap Sight Holes	5 15 9 1		LB
618	Polish Barrel	5 15 9 1		WB
620	Apply Coatings (Barrel Action)		5/29/91	JA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		5/30/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/30/91	RW
	C) Inspect Ejector Hole for Chamfer		5/30/91	RW
	D) Oil Firing Pin Ass'y		5/30/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		6/7/91	WB

op. #	BARBER M24 0038305	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			6/7/91	WB
	G) Safety Off Force	3	3	3			6/7/91	WB
	H) Trigger Pull Test & Retainability						6/7/91	WB
	I) Firing Pin Indent	.0725	.0715	.072			6/7/91	WB
	J) Assemble Stock						6/7/91	RW
	K) Assemble Swivel Studs						6-8-91	DH
	L) Attach Front and Rear Sight Assemblies						6/7/91	RW
	M) Iron Sight Alignment						6/7/91	RW
	N) Detach Front & Rear Sights & place in numbered container						6/7/91	RW
	O) Attach Scope to Rifle						6/7/91	RW
	P) Detach & Attach Scope 20 Times						6/7/91	RW
640	Gallery Target & Test						6/7/91	KT
	A) Time							KT
	B) Malfunctions							KT
	C) Pierced Primers							KT
	D) Optical Clarity of Scope							KT
645	Inspect for Live Ammo						6/7/91	KT
655	Final Inspection							
	A) Headspace						6-8-91	DH
	B) Trigger Pull	2.32	2.30	2.20	2.46	2.57	6-8-91	JP
	C) Function						6-8-91	DH
660	Pack						6-19-91	NF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6636152

DATE 6/7/91

TESTER WB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.56	2.36	2.49	2.32	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.53	2.27	2.57	2.30	
PULL #3	2.47	2.42	2.52	2.20	
PULL #4	2.53	2.48	2.51	2.46	
PULL #5	2.42	2.46	2.59	2.51	
TOTAL	12.51	11.99	12.68		
AVG.	2.50	2.40	2.53		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.13	3.47		
PULL #2	3.11	3.07		
PULL #3	3.17	3.25		
PULL #4	3.23	3.28		
PULL #5	3.14	3.23		
TOTAL	15.78	16.26		
AVG.	3.16	3.25		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.15	4.05		4.31
PULL #2	4.18	4.22		4.12
PULL #3	4.18	4.20		4.22
PULL #4	4.21	4.26		4.18
PULL #5	4.15	4.15		4.08
TOTAL	20.87	20.88		20.91
AVG.	4.17	4.17		4.18

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6636152
7 Jun 1991

CENTROIDAL DISTANCES

0 TO	1	.221382
1 TO	2	.368982
1 TO	3	.355106
1 TO	4	.415202
1 TO	5	.159113

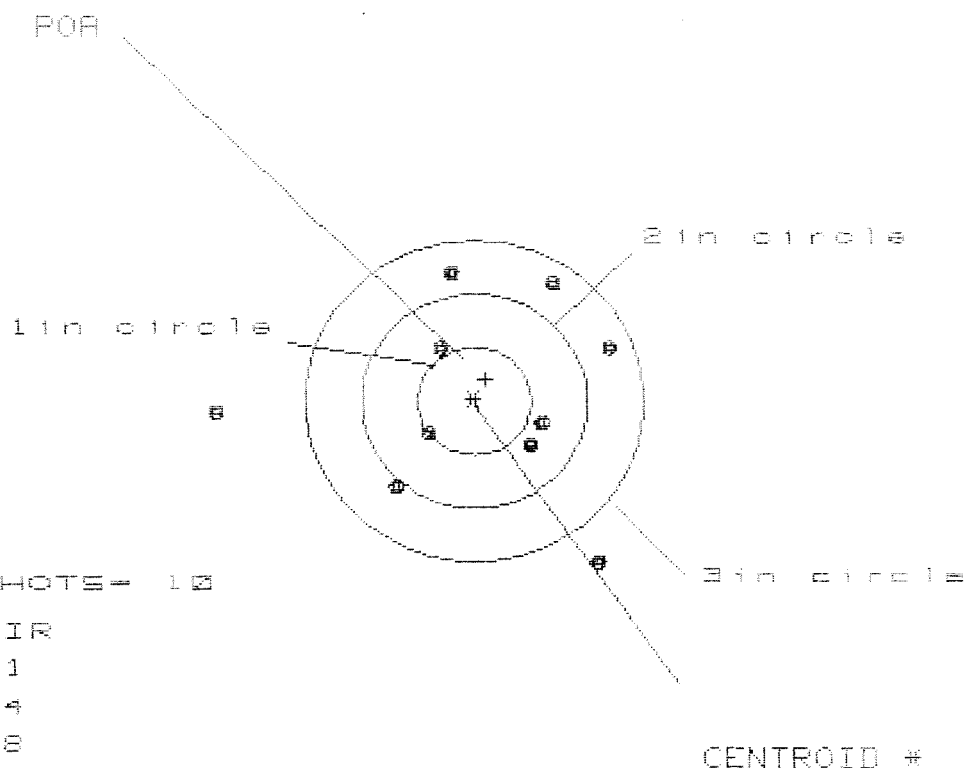
34
P <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1214
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0362
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .126682
THE AMR FOR THIS RIFLE IS: 1.072

7 Jun 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06636152

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 4

3 in = 8

HS= 3.532

VS= 2.744

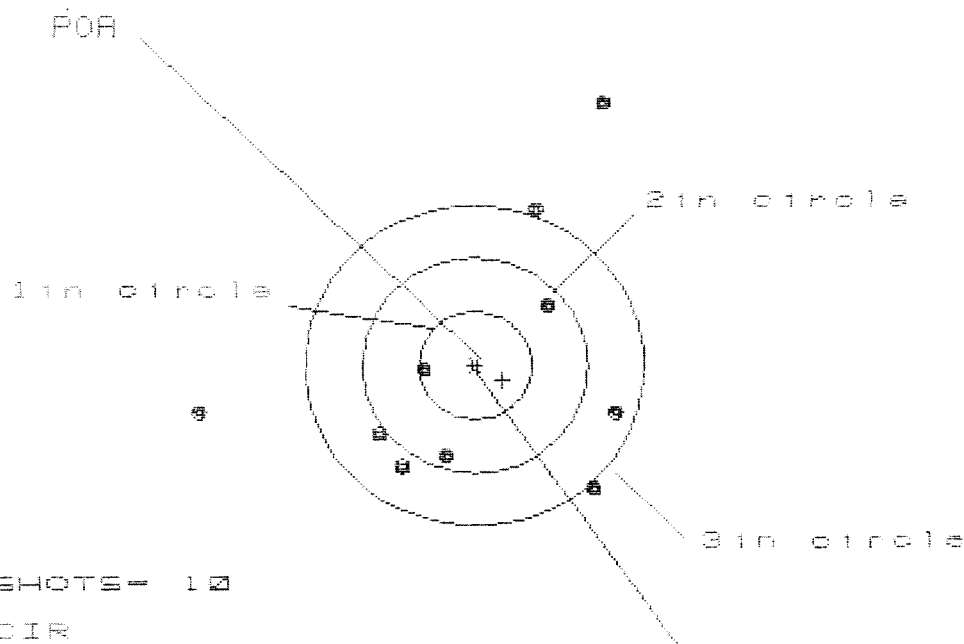
GS= 3.695

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.214	.957	1.061
MINIMUM X	-2.318	-.998	-.894
MAXIMUM Y	1.225	1.214	1.023
MINIMUM Y	-1.519	-1.530	-1.035
CENTROID X	-.097	.160	.056
CENTROID Y	-.199	-.188	.003
POA TO CENTROID in.	.222	.247	.056
MIN RADIUS	.482	.390	.588
MEAN RADIUS	1.152	.998	.901
MAX RADIUS	2.320	1.743	1.367
HORIZONTAL SPREAD	3.532	1.955	1.955
VERTICAL SPREAD	2.744	2.744	2.058
EXTREME SPREAD	3.695	3.049	2.375
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	8		

7 Jun 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08636152

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 3

3 in = 6

HS= 3.735

VS= 3.610

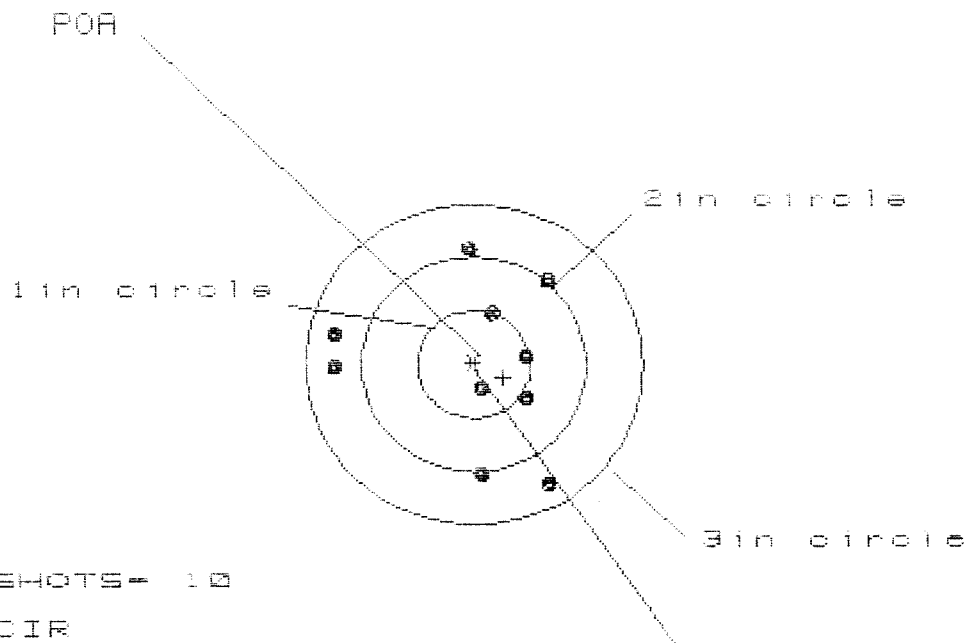
GS= 4.587

PATTERN #	2		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.278	1.400	1.108
MINIMUM X	-2.458	-2.335	-1.848
MAXIMUM Y	2.490	1.721	1.785
MINIMUM Y	-1.120	-.843	-.859
CENTROID X	-.245	-.368	-.076
CENTROID Y	.139	-.138	-.122
POA TO CENTROID in.	.282	.393	.144
MIN RADIUS	.416	.368	.619
MEAN RADIUS	1.409	1.208	1.078
MAX RADIUS	2.724	2.338	1.753
HORIZONTAL SPREAD	3.735	3.735	2.156
VERTICAL SPREAD	3.610	2.564	2.564
EXTREME SPREAD	4.587	3.736	2.711
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		3	
NUMBER IN THREE INCH CIRCLE =		6	

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CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 2

2in = 5

3in = 10

HS = 1.885

VS = 2.206

GS = 2.300

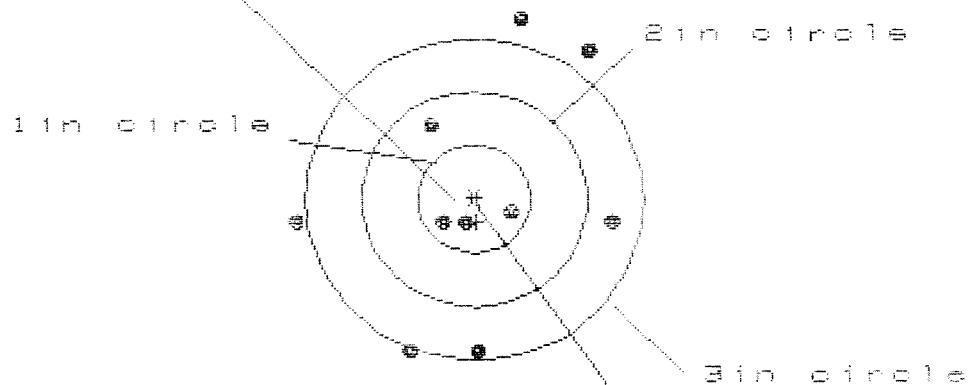
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.632	.493	.552
MINIMUM X	:	-1.253	-1.375	-1.316
MAXIMUM Y	:	1.099	1.126	.990
MINIMUM Y	:	-1.107	-1.080	-1.129
CENTROID X	:	-.259	-.120	-.179
CENTROID Y	:	.117	.090	.225
POA TO CENTROID in.	:	.284	.150	.288
MIN RADIUS	:	.251	.216	.345
MEAN RADIUS	:	.874	.797	.756
MAX RADIUS	:	1.276	1.376	1.320
HORIZONTAL SPREAD	:	1.885	1.868	1.868
VERTICAL SPREAD	:	2.206	2.206	2.119
EXTREME SPREAD	:	2.300	2.300	2.122
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 4

POA



OF SHOTS - 10

IN CIR

1 in = 3

2 in = 4

3 in = 6

HS = 2.725

VS = 3.190

GS = 3.289

CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.186	1.233	1.363
MINIMUM X	:	-1.539	-1.492	-1.362
MAXIMUM Y	:	1.739	1.584	1.044
MINIMUM Y	:	-1.451	-1.258	-1.060
CENTROID X	:	-.020	-.067	-.197
CENTROID Y	:	.209	.016	-.182
POA TO CENTROID in.	:	.210	.069	.268
MIN RADIUS	:	.215	.018	.226
MEAN RADIUS	:	1.094	.976	.876
MAX RADIUS	:	1.789	1.897	1.379
HORIZONTAL SPREAD	:	2.725	2.725	2.725
VERTICAL SPREAD	:	3.190	2.842	2.104
EXTREME SPREAD	:	3.289	3.208	2.725
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		6	

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CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIR

1in = 2

2in = 6

3in = 10

HS = 1.534

VS = 2.214

GS = 2.323

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.690	.585	.527
MINIMUM X	:	-.944	-.745	-.803
MAXIMUM Y	:	1.103	1.194	1.067
MINIMUM Y	:	-1.111	-1.020	-.928
CENTROID X	:	.014	.119	.177
CENTROID Y	:	-.085	-.176	-.049
POA TO CENTROID in.	:	.086	.212	.183
MIN RADIUS	:	.298	.386	.275
MEAN RADIUS	:	.831	.782	.728
MAX RADIUS	:	1.251	1.218	1.082
HORIZONTAL SPREAD	:	1.634	1.330	1.330
VERTICAL SPREAD	:	2.214	2.214	1.995
EXTREME SPREAD	:	2.323	2.323	2.002
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	