

BARBER - M24 0066182

FORH

UPC



0 47700 25716 7

C6649194

*INCLUDES 1 IN CHAMBER

CAPACITY*

BARREL LENGTH

BARBER - M24 0066183

5716

ORDER NO.

MODEL 700 TM M24

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0066183 M2400066222

BARBER - M24 0066184

Remington



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

MODEL 700 TM M24

SERIAL NO.

C6649194

ORDER NO.

5716

20

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



5716 C6649194

ORDER 5716

MODEL 700 TM M24

UPC

ORDER 5716

MODEL 700 TM M24

UPC



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GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6649194

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10 1	91	<i>RW</i>
600	Proof	10 1	91	<i>RW</i>
607	Check Headspace	10 1	91	<i>RW</i>
610	Dis-assemble Gun	10 1	91	<i>RW</i>
612	Magnaflux Barrel Action	OCT 10 1991	10 1991	KR
	Magnaflux Bolt	OCT 10 1991	10 1991	KR
615	Rollmark Caliber	OCT 10 1991	10 1991	GL
617	Drill and Tap Sight Holes	OCT 10 1991	10 1991	LB
618	Polish Barrel		10/15/91	WB
620	Apply Coatings (Barrel Action)		12/7/91	1/2
	Apply Coating (Bolt)		12/7/91	1/2
625	Final Assembly A) Clean inside of Bolt Assembly		12/3/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		12/3/91	KS
	C) Inspect Ejector Hole for Chamfer		12/3/91	KS
	D) Oil Firing Pin Ass'y		12/3/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		12-7-91	90

op. #	BARBER - M24 0066186	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			12-7-91	QU
	G) Safety Off Force	4	4	4			12-7-91	QU
	H) Trigger Pull Test & Retainability						12-7-91	QU
	I) Firing Pin Indent	.021	.020	.020			12-7-91	QU
	J) Assemble Stock						12/7/91	KA
	K) Assemble Swivel Studs						12-11-91	AC
	L) Attach Front and Rear Sight Assemblies						12/7/91	KA
	M) Iron Sight Alignment						12/7/91	KA
	N) Detach Front & Rear Sights & place in numbered container						12/7/91	KA
	O) Attach Scope to Rifle						12/7/91	KA
	P) Detach & Attach Scope 20 Times						12/7/91	KA
640	Gallery Target & Test						12-9-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						12-9-91	NF
655	Final Inspection							
	A) Headspace						12-11-91	AC
	B) Trigger Pull	2.77	2.57	2.38	2.43	2.40	12-11-91	QU
	C) Function						12-11-91	AC
660	Pack						12-19-91	NF

SWS TRIGGER PULL TESTAVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS2.50# + .50#
3.00# + .75#
4.00# + 1.00#SERIAL NO. C-6649194DATE 12-7-91TESTER JU

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.56	2.59	2.44	2.77	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.54	2.61	2.35	2.57	
PULL #3	2.53	2.60	2.25	2.38	
PULL #4	2.54	2.66	2.22	2.43	
PULL #5	2.54	2.66	2.56	2.40	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.44	3.51		
PULL #2	3.51	3.55		
PULL #3	3.55	3.51		
PULL #4	3.33	3.48		
PULL #5	3.38	3.46		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.30	4.41		4.25
PULL #2	4.30	4.36		4.31
PULL #3	4.45	4.31		4.31
PULL #4	4.30	4.39		4.37
PULL #5	4.36	4.37		4.30
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6649194
9 Dec 1991

CENTROIDAL DISTANCES

0 TO 1	.104235
1 TO 2	.103586
1 TO 3	.115313
1 TO 4	.109179
1 TO 5	.117712

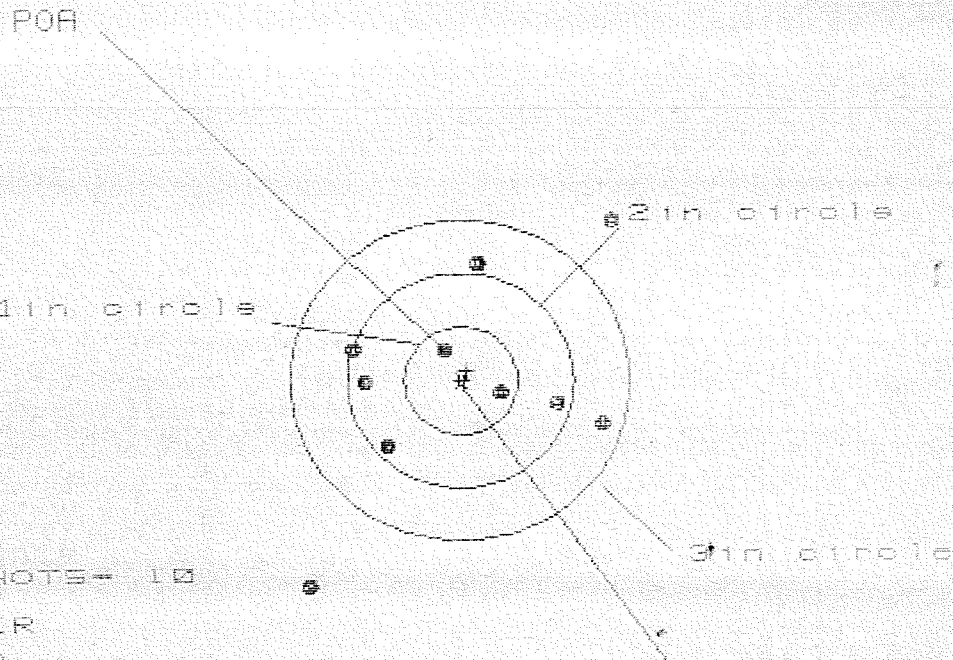
✱ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0594
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0858
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .104355
THE AMR FOR THIS RIFLE IS: .987

9 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8649194

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS= 2.845

VS= 3.487

GS= 4.377

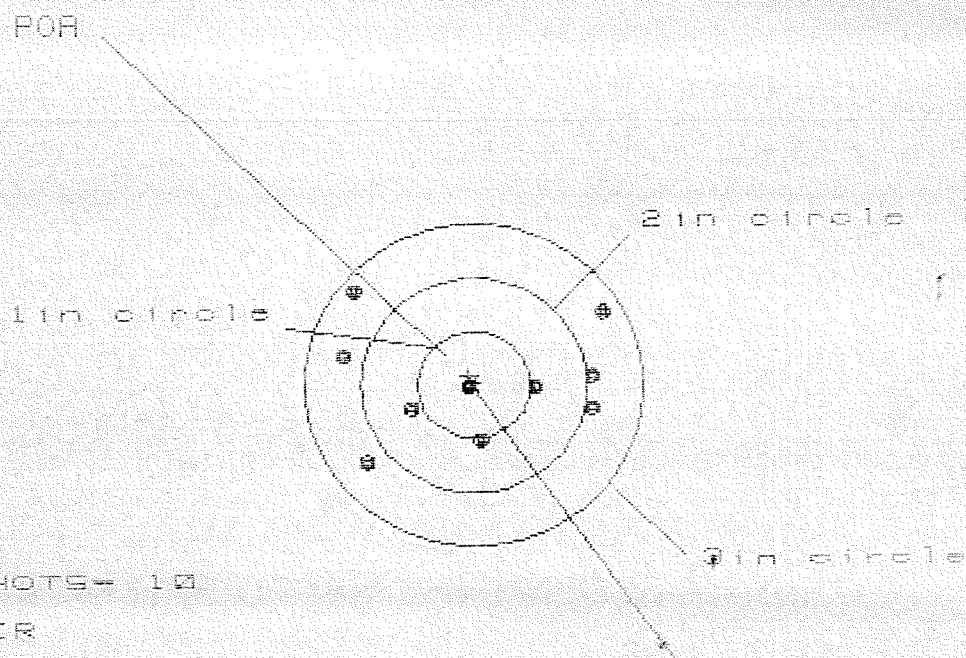
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.312	1.164	1.260
MINIMUM X	-1.334	-1.129	-.983
MAXIMUM Y	1.530	1.313	1.025
MINIMUM Y	-1.957	-.795	-.631
CENTROID X	-.049	.099	-.047
CENTROID Y	-.092	.125	-.039
POA TO CENTROID in.	.105	.160	.061
MIN RADIUS	.305	.318	.264
MEAN RADIUS	1.103	.956	.828
MAX RADIUS	2.368	1.755	1.328
HORIZONTAL SPREAD	2.646	2.293	2.243
VERTICAL SPREAD	3.487	2.108	1.656
EXTREME SPREAD	4.377	2.864	2.351
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

9 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06649194

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 1

2in = 4

3in = 10

HS= 2.280

VS= 1.599

GS= 2.544

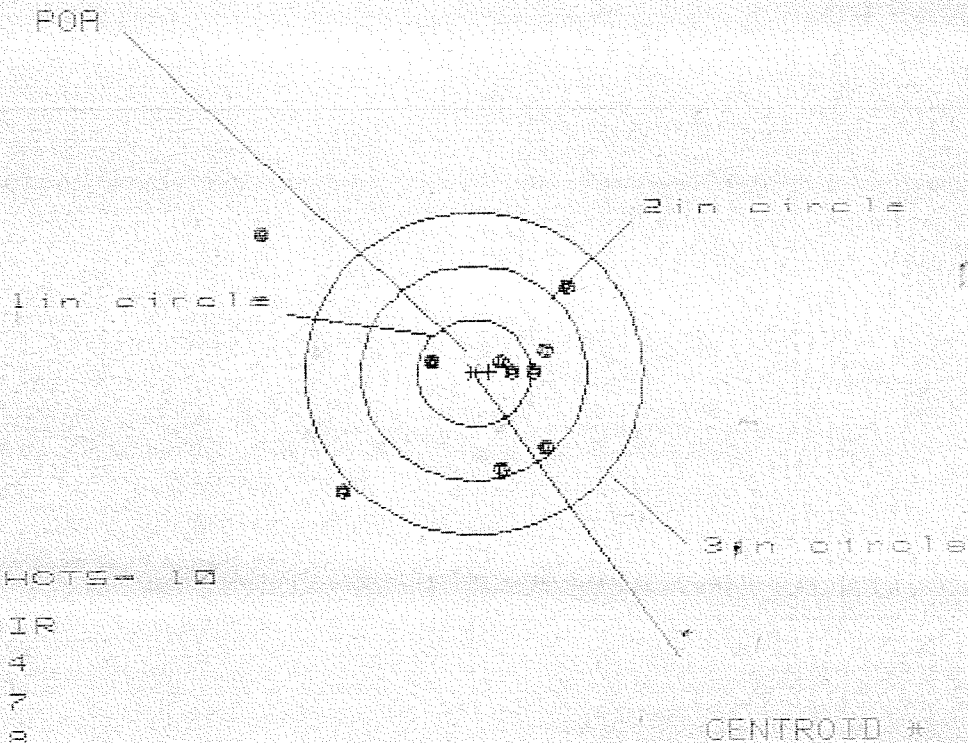
CENTROID *

PATTERN #	2	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.113	1.001	1.095
MINIMUM X	-1.167	-1.279	-1.154
MAXIMUM Y	.831	.751	.448
MINIMUM Y	-1.768	-.676	-.582
CENTROID X	.054	.167	.042
CENTROID Y	-.081	-.173	-.267
POA TO CENTROID in.	.098	.240	.270
MIN RADIUS	.074	.170	.140
MEAN RADIUS	.901	.843	.777
MAX RADIUS	1.307	1.327	1.237
HORIZONTAL SPREAD	2.280	2.280	2.249
VERTICAL SPREAD	1.599	1.427	1.030
EXTREME SPREAD	2.544	2.544	2.262
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	10		

9 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06649194

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 4

2 in = 7

3 in = 8

HS= 2.740

VS= 2.401

GS= 3.212

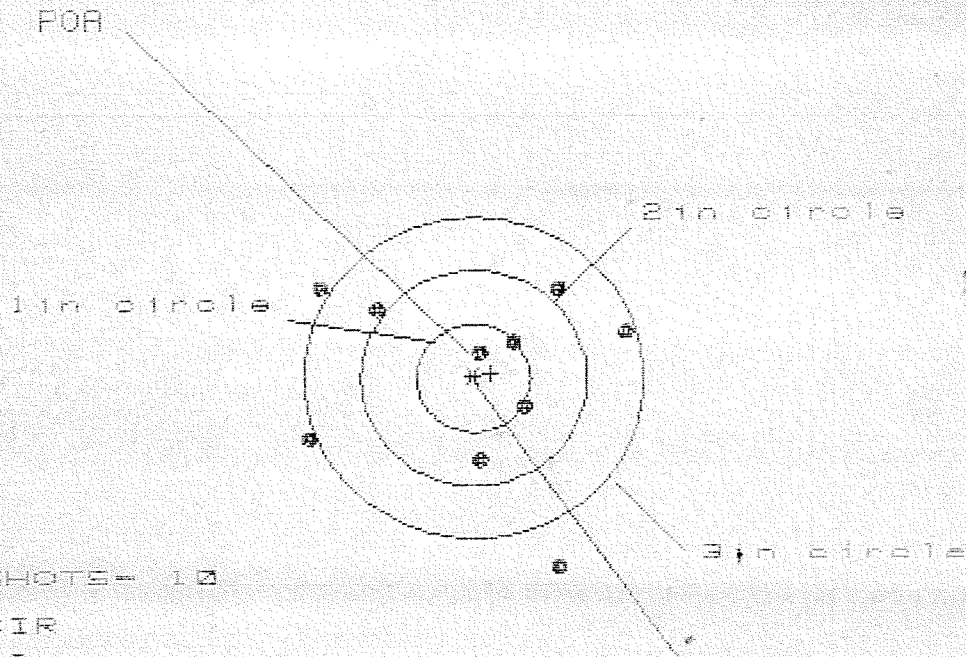
PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.876	.669	.498
MINIMUM X	-1.864	-1.363	-.769
MAXIMUM Y	1.354	.918	.806
MINIMUM Y	-1.047	-.896	-.812
CENTROID X	-.128	.079	.250
CENTROID Y	-.008	-.159	-.047
POR TO CENTROID in.	.128	.177	.254
MIN RADIUS	.284	.171	.102
MEAN RADIUS	.899	.685	.508
MAX RADIUS	2.304	1.632	.947
HORIZONTAL SPREAD	2.740	2.032	1.267
VERTICAL SPREAD	2.401	1.814	1.618
EXTREME SPREAD	3.212	2.724	1.730
NUMBER IN ONE INCH CIRCLE =		4	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		8	

5 Dec 1991

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CENTERFIRE PATTERNS

4



OF SHOTS= 10

IN CIR

1in = 2

2in = 4

3in = 7

HS= 2.758

VS= 2.662

GS= 3.407

CENTROID #

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.313	1.400	1.236
MINIMUM X	-1.445	-1.358	-1.522
MAXIMUM Y	.878	.680	.760
MINIMUM Y	-1.784	-.986	-.986
CENTROID X	-.145	-.232	-.089
CENTROID Y	-.040	.158	.078
POA TO CENTROID in.	.150	.281	.104
MIN RADIUS	.259	.147	.139
MEAN RADIUS	1.071	.959	.862
MAX RADIUS	1.948	1.535	1.649
HORIZONTAL SPREAD	2.758	2.758	2.758
VERTICAL SPREAD	2.662	1.666	1.666
EXTREME SPREAD	3.407	2.908	2.908
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		7	

9 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/0864B194

CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

OF SHOTS= 10

IN CIR

1 in = 1

2 in = 4

3 in = 10

HS= 1.828

VS= 2.282

GS= 2.338

CENTROID #

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.672	.706	.785
MINIMUM X	-1.156	-1.122	-1.043
MAXIMUM Y	1.287	1.213	1.107
MINIMUM Y	-.995	-.852	-.744
CENTROID X	-.029	-.063	-.142
CENTROID Y	-.208	-.351	-.244
POA TO CENTROID IN.	.210	.357	.283
MIN RADIUS	.474	.351	.483
MEAN RADIUS	.958	.905	.890
MAX RADIUS	1.322	1.220	1.125
HORIZONTAL SPREAD	1.828	1.828	1.828
VERTICAL SPREAD	2.282	2.065	1.850
EXTREME SPREAD	2.338	2.127	2.037
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		10	