

BARBER - M24 0031279

FORM

UPC



0 47700 25716 7

C6649068

*INCLUDES 1 IN CHAMBER

CAPACITY*

BARREL LENGTH

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0031279 M2400031318

MODEL 700 TM M24

ORDER NO.

5716

Remington



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

MODEL 700™ M24

SERIAL NO.
C6349068

ORDER NO.
5716

20

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



5716 C6649068

ORDER 5716

MODEL 700™ M24

UPC



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ORDER 5716

MODEL 700™ M24

UPC



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6649068

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 26 91	91	RW
600	Proof	9 26 91	91	RW
607	Check Headspace	9 26 91	91	RW
610	Dis-assemble Gun	9 26 91	91	RW
612	Magnaflux Barrel Action	OCT	3 1991	KCR
	Magnaflux Bolt	OCT	3 1991	KCR
615	Rollmark Caliber	OCT	3 1991	CS.
617	Drill and Tap Sight Holes	OCT	4 1991	LB
618	Polish Barrel	OCT	4 1991	WB
620	Apply Coatings (Barrel Action)		10-18-91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/18/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/18/91	RW
	C) Inspect Ejector Hole for Chamfer		10/18/91	RW
	D) Oil Firing Pin Ass'y		10/18/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11-12-91	JJ

op. #	BARBER M24 0031283	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4		4		4	11-14-91	JH
	G) Safety Off Force	3		3		3	11-14-91	JH
	H) Trigger Pull Test & Retainability						11-12-91	JH
	I) Firing Pin Indent	10205		10205		1020	11-14-91	JH
	J) Assemble Stock						11/14/91	RW
	K) Assemble Swivel Studs						11-22-91	D/H
	L) Attach Front and Rear Sight Assemblies						11/14/91	RW
	M) Iron Sight Alignment						11/14/91	RW
	N) Detach Front & Rear Sights & place in numbered container						11/14/91	RW
	O) Attach Scope to Rifle						11/14/91	RW
	P) Detach & Attach Scope 20 Times						11/14/91	RW
640	Gallery Target & Test						11-22-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						11-22-91	NF
655	Final Inspection							
	A) Headspace						11-27-91	D/H
	B) Trigger Pull	268	266	266	266	268	11-25-91	D/H
	C) Function						11-27-91	D/H
660	Pack						12-19-91	NF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6649068DATE 11- -91TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.40	2.38	2.29	2.68	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.35	2.47	2.38	2.66	
PULL #3	2.38	2.49	2.40	2.66	
PULL #4	2.49	2.48	2.44	2.66	
PULL #5	2.52	2.41	2.44	2.68	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.41	3.31		
PULL #2	3.40	3.42		
PULL #3	3.44	3.36		
PULL #4	3.39	3.32		
PULL #5	3.38	3.36		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.33	4.38		4.58
PULL #2	4.47	4.28		4.54
PULL #3	4.50	4.28		4.52
PULL #4	4.28	4.34		4.48
PULL #5	4.51	4.48		4.37
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6649068
22 Nov 1991

CENTROIDAL DISTANCES

0 TO	1	.218213
1 TO	2	.47102
1 TO	3	.352563
1 TO	4	.483359
1 TO	5	.302081

31
42 C----POA

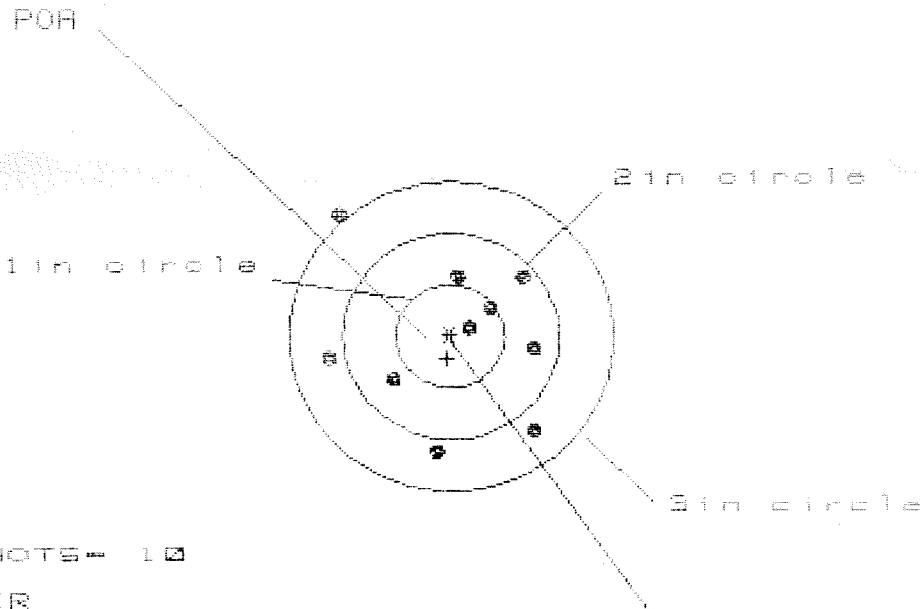
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0374
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0132
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0396611

THE AMR FOR THIS RIFLE IS: .9256

22 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06649068

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 9

HS = 1.903

VS = 2.288

GS = 2.774

CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.817	.701	.712
MINIMUM X	-1.086	-1.202	-1.114
MAXIMUM Y	1.189	.739	.646
MINIMUM Y	-1.099	-.967	-1.060
CENTROID X	.031	.147	.059
CENTROID Y	.216	.084	.177
POA TO CENTROID in.	.218	.169	.186
MIN RADIUS	.159	.201	.158
MEAN RADIUS	.868	.773	.728
MAX RADIUS	1.579	1.208	1.136
HORIZONTAL SPREAD	1.903	1.903	1.826
VERTICAL SPREAD	2.288	1.706	1.706
EXTREME SPREAD	2.774	2.000	1.978
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

22 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08849068

CENTERFIRE PATTERNS

2

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS= 10

IN CIR

1 in = 3

2 in = 5

3 in = 9

HS= 2.857

VS= 1.021

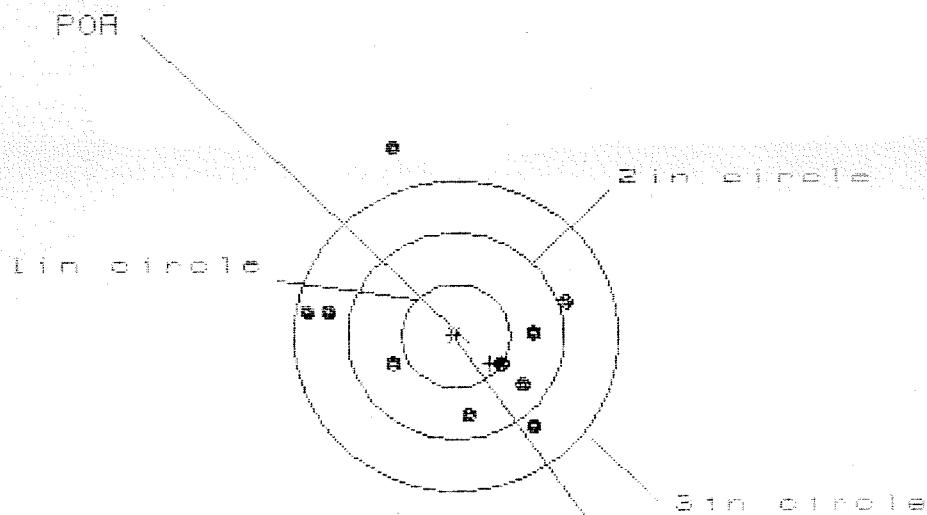
GS= 2.885

PATTERN #	2		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.311	1.139	1.140
MINIMUM X	-1.546	-1.502	-1.359
MAXIMUM Y	.470	.477	.536
MINIMUM Y	-.551	-.544	-.485
CENTROID X	.325	.497	.354
CENTROID Y	-.152	-.159	-.218
POA TO CENTROID in.	.359	.522	.416
MIN RADIUS	.220	.387	.241
MEAN RADIUS	.918	.844	.787
MAX RADIUS	1.547	1.551	1.399
HORIZONTAL SPREAD	2.857	2.641	2.499
VERTICAL SPREAD	1.021	1.021	1.021
EXTREME SPREAD	2.895	2.777	2.585
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

22 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06649060

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 0

2in = 5

3in = 9

HS = 2.450

VS = 2.703

CS = 2.980

CENTROID *

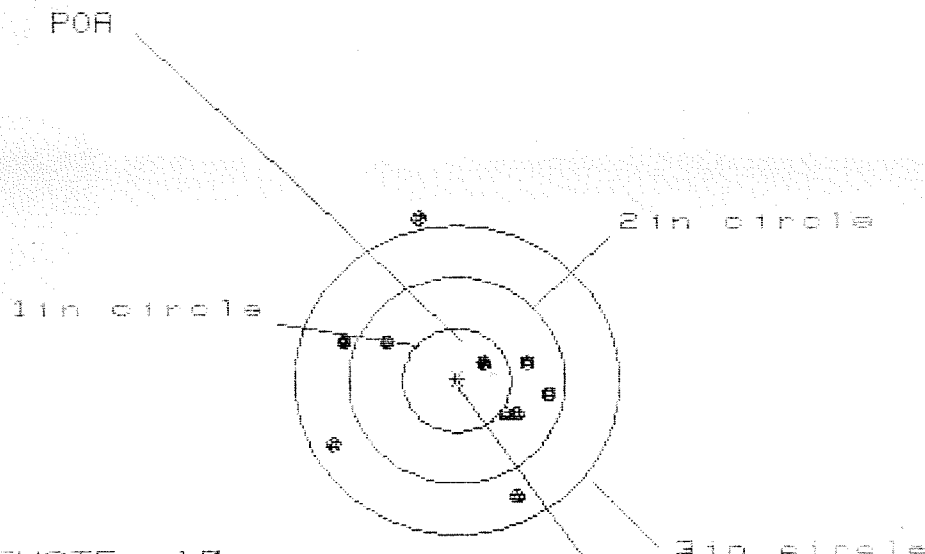
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.035	.975	.791
MINIMUM X	:	-1.415	-1.475	-1.427
MAXIMUM Y	:	1.882	.538	.588
MINIMUM Y	:	-.821	-.612	-.562
CENTROID X	:	-.318	-.258	-.074
CENTROID Y	:	.266	.057	.007
POA TO CENTROID in.	:	.414	.264	.074
MIN RADIUS	:	.531	.392	.201
MEAN RADIUS	:	1.021	.863	.720
MAX RADIUS	:	1.957	1.528	1.497
HORIZONTAL SPREAD	:	2.450	2.450	2.218
VERTICAL SPREAD	:	2.703	1.150	1.150
EXTREME SPREAD	:	2.980	2.454	2.222
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

22 Nov 1991

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CENTERFIRE PATTERNS

4



OF SHOTS= 10

IN CIR

1in = 1

2in = 6

3in = 9

HS= 1.929

VS= 2.624

GS= 2.767

CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.825	.788	.645
MINIMUM X	:	-1.104	-1.141	-1.251
MAXIMUM Y	:	1.532	.573	.518
MINIMUM Y	:	-1.092	-.922	-.977
CENTROID X	:	-.249	-.212	-.069
CENTROID Y	:	-.178	-.348	-.293
POA TO CENTROID in.	:	.306	.408	.301
MIN RADIUS	:	.266	.359	.252
MEAN RADIUS	:	.889	.796	.693
MAX RADIUS	:	1.569	1.224	1.331
HORIZONTAL SPREAD	:	1.929	1.929	1.896
VERTICAL SPREAD	:	2.624	1.495	1.495
EXTREME SPREAD	:	2.767	2.155	2.155
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

22 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08649088

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 2

2in = 4

3in = 9

HS= 3.001

VS= 2.028

GS= 3.020

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.780	1.177	1.227
MINIMUM X	:	-1.221	-1.024	-.974
MAXIMUM Y	:	.577	.588	.415
MINIMUM Y	:	-1.451	-1.387	-.795
CENTROID X	:	.024	-.173	-.223
CENTROID Y	:	-.086	-.150	.023
POA TO CENTROID in.	:	.089	.239	.224
MIN RADIUS	:	.148	.107	.163
MEAN RADIUS	:	.940	.810	.712
MAX RADIUS	:	1.871	1.442	1.236
HORIZONTAL SPREAD	:	3.001	2.201	2.201
VERTICAL SPREAD	:	2.028	1.975	1.210
EXTREME SPREAD	:	3.020	2.317	2.201
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	