

BARBER - M24 0103798

FORM

UPC



0 47700 25716 7

6665899

*INCLUDES 1 IN CHAMBER

CAPACITY*

BARBER - M24 0103799

MODEL 700 TM M24

ORDER NO.

5716

BARREL LENGTH

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0103799 M2400103838

BARBER - M24 0103800

Remington



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

MODEL 700 TM M24

SERIAL NO.
C6665899

ORDER NO.
5716

20

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



5716 C6665899

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 # C6665899

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10 1	91	RW
600	Proof	10 1	91	RW
607	Check Headspace	10 1	91	RW
610	Dis-assemble Gun	10 1	91	RW
612	Magnaflux Barrel Action	OCT	4 1991	KR
	Magnaflux Bolt	OCT	4 1991	KR
615	Rollmark Caliber	OCT	4 1991	LG
617	Drill and Tap Sight Holes	OCT	4 1991	FB
618	Polish Barrel		10/8/91	WB
620	Apply Coatings (Barrel Action)		10-22-91	DK
	Apply Coating (Bolt)		10-22-91	DK
625	Final Assembly A) Clean inside of Bolt Assembly		10/22/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/22/91	RW
	C) Inspect Ejector Hole for Chamfer		10/22/91	RW
	D) Oil Firing Pin Ass'y		10/22/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11-6-91	JK

BARBER - M24 0103802

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			11/6/91	WB
	G) Safety Off Force	2 1/2	2 1/4	2 1/2			11/6/91	WB
	H) Trigger Pull Test & Retainability						11/6/91	JY
	I) Firing Pin Indent	.020	.020	.020			11/6/91	WB
	J) Assemble Stock						11/6/91	RW
	K) Assemble Swivel Studs						11/19/91	D/H
	L) Attach Front and Rear Sight Assemblies						11/6/91	RW
	M) Iron Sight Alignment						12/6/91	RW
	N) Detach Front & Rear Sights & place in numbered container						11/6/91	RW
	O) Attach Scope to Rifle						11/6/91	RW
	P) Detach & Attach Scope 20 Times						11/6/91	RW
640	Gallery Target & Test						11-7-91	RW
	A) Time						11	A
	B) Malfunctions						11	A
	C) Pierced Primers						11	A
	D) Optical Clarity of Scope						11	A
645	Inspect for Live Ammo						11-17-91	A
655	Final Inspection							
	A) Headspace						11-17-91	D/H
	B) Trigger Pull	2.19	2.23	2.16	2.23	2.27	11-13-91	A
	C) Function						11-19-91	D/H
660	Pack						12-20-91	V

SWS TRIGGER PULL TESTAVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C-6665899DATE 11-6-91TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.61	2.50	2.57	2.19	MIN. SETTING,
PULL #2	2.49	2.47	2.48	2.23	NO AVG. OF 5
PULL #3	2.47	2.49	2.55	2.16	READINGS ACCEPT-
PULL #4	2.49	2.50	2.48	2.23	ABLE LESS THAN 2#
PULL #5	2.51	2.43	2.50	2.27	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.66	3.30		
PULL #2	3.68	3.44		
PULL #3	3.42	3.35		
PULL #4	3.46	3.42		
PULL #5	3.41	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	4.45	4.54		4.43
PULL #2	4.52	4.51		4.31
PULL #3	4.41	4.53		4.46
PULL #4	4.52	4.51		4.60
PULL #5	4.51	4.45		4.56
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06665899
7 Nov 1991

CENTROIDAL DISTANCES

0 TO	1	.932565
1 TO	2	1.049
1 TO	3	1.44942
1 TO	4	1.10312
1 TO	5	.607174

1 5 # 3 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0548
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1142
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .126668
THE AMR FOR THIS RIFLE IS: 1.009

7 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665899

CENTERFIRE PATTERNS

1

POR

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 2

2in = 3

3in = 3

HS= 2.423

VS= 3.835

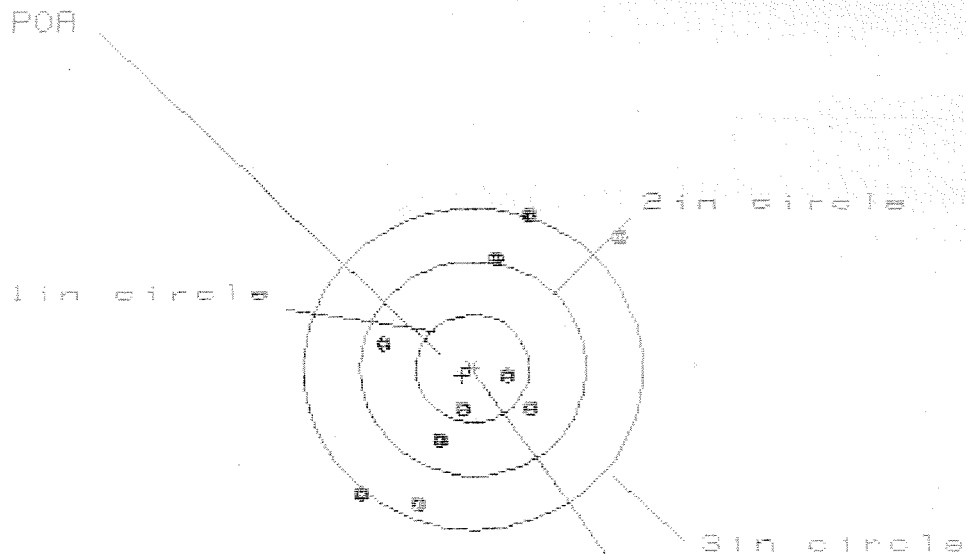
GS= 4.101

PATTERN #

	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.166	1.071	.901
MINIMUM X	-1.257	-1.352	-1.218
MAXIMUM Y	1.220	.929	.805
MINIMUM Y	-2.618	-.992	-1.086
CENTROID X	-.819	-.724	-.554
CENTROID Y	-.446	-.155	-.031
POR TO CENTROID IN.	.933	.740	.555
MIN RADIUS	.857	.311	.232
MEAN RADIUS	1.185	.968	.836
MAX RADIUS	2.754	1.677	1.519
HORIZONTAL SPREAD	2.423	2.423	2.119
VERTICAL SPREAD	3.835	1.921	1.891
EXTREME SPREAD	4.101	2.666	2.346
NUMBER IN ONE INCH CIRCLE	=	2	
NUMBER IN TWO INCH CIRCLE	=	3	
NUMBER IN THREE INCH CIRCLE	=	9	

7 May 1991 FILE:/PATTERNING/CENTERFIRE_PATT/06065899

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 7

HS= 2.336

VS= 2.678

GS= 3.281

CENTROID #

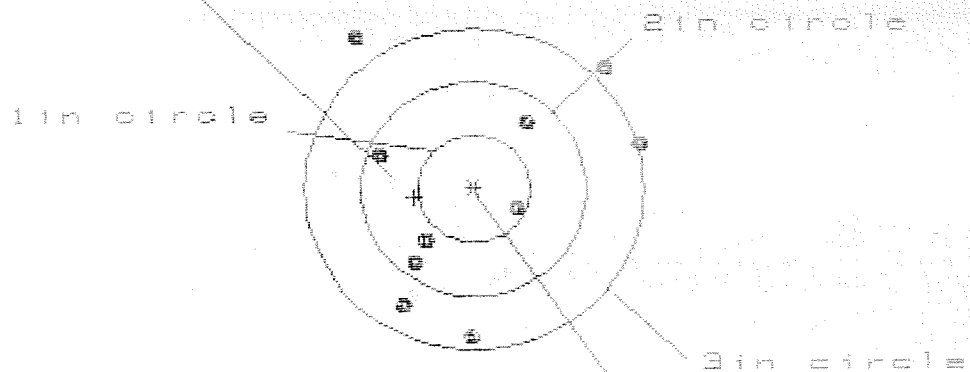
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.292	.665	.552
MINIMUM X	-1.044	-.901	-.797
MAXIMUM Y	1.427	1.559	1.436
MINIMUM Y	-1.251	-1.119	-1.242
CENTROID X	.096	-.048	.065
CENTROID Y	.067	-.065	.058
POA TO CENTROID in.	.117	.081	.087
MIN RADIUS	.326	.217	.352
MEAN RADIUS	1.012	.900	.854
MAX RADIUS	1.754	1.695	1.538
HORIZONTAL SPREAD	2.336	1.566	1.349
VERTICAL SPREAD	2.678	2.678	2.678
EXTREME SPREAD	3.281	2.987	2.864
NUMBER IN ONE INCH CIRCLE	= 2		
NUMBER IN TWO INCH CIRCLE	= 5		
NUMBER IN THREE INCH CIRCLE	= 7		

7 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06065899

CENTERFIRE PATTERNS # 3

POA



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 7

HS= 2.457

VS= 2.851

GS= 3.010

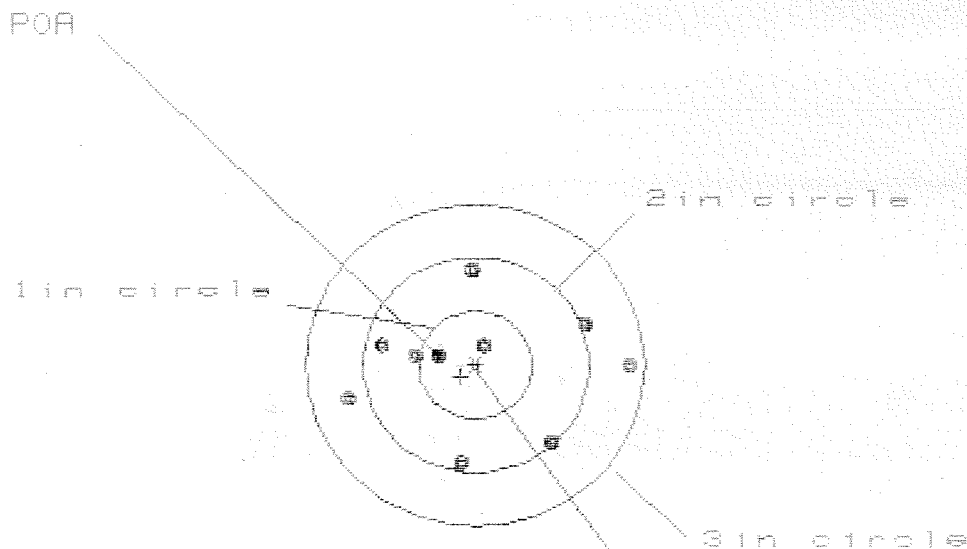
CENTROID *

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.459	1.349	1.479
MINIMUM X	-.998	-.966	-.836
MAXIMUM Y	1.455	1.286	.900
MINIMUM Y	-1.396	-1.234	-1.073
CENTROID X	.532	.642	.512
CENTROID Y	.079	-.083	-.244
POA TO CENTROID (in.)	.537	.648	.567
MIN RADIUS	.387	.244	.409
MEAN RADIUS	1.105	1.009	.896
MAX RADIUS	1.764	1.657	1.635
HORIZONTAL SPREAD	2.457	2.315	2.315
VERTICAL SPREAD	2.851	2.520	1.973
EXTREME SPREAD	3.010	2.813	2.529
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	7		

7 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8565899

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 2

2in = 7

3in = 10

HS= 2.455

VS= 1.724

GS= 2.482

PATTERN #				
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.364	1.123	1.006
MINIMUM X	:	-1.091	-.940	-.822
MAXIMUM Y	:	.860	.863	.821
MINIMUM Y	:	-.664	-.861	-.903
CENTROID X	:	.132	-.019	.098
CENTROID Y	:	.113	.110	.152
POA TO CENTROID INCH	:	.174	.112	.181
MIN RADIUS	:	.152	.200	.132
MEAN RADIUS	:	.824	.737	.706
MAX RADIUS	:	1.364	1.202	1.078
HORIZONTAL SPREAD	:	2.455	2.063	1.828
VERTICAL SPREAD	:	1.724	1.724	1.724
EXTREME SPREAD	:	2.482	2.201	1.839
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			7	
NUMBER IN THREE INCH CIRCLE =			10	

7 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8665859

CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 10

HS= 2.945

VS= 1.952

GS= 2.945

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.495	.750	.589
MINIMUM X	-1.450	-1.284	-.911
MAXIMUM Y	.926	.924	.921
MINIMUM Y	-1.026	-1.028	-1.031
CENTROID X	-.215	-.381	-.220
CENTROID Y	-.384	-.382	-.379
POA TO CENTROID	.440	.539	.438
MIN RADIUS	.193	.236	.187
MEAN RADIUS	.37	.858	.778
MAX RADIUS	1.495	1.285	1.166
HORIZONTAL SPREAD	2.945	2.034	1.500
VERTICAL SPREAD	1.952	1.952	1.952
EXTREME SPREAD	2.945	2.185	2.185
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	10		