

BARBER - M24 0102522

FORM

UPC



0 47700 25716 7

C6665787

INCLUDES 1 IN CHAMBER

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0102522 M2400102561

MODEL 700 TM M24

5716

ORDER NO.

BARREL LENGTH

CAPACITY*

Remington



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

MODEL 700 TM M24

SERIAL NO.
C6665787

20

ORDER NO.
5716

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



5716 C6665787

ORDER **5716**
MODEL 700 TM M24
UPC

ORDER **5716**
MODEL 700 TM M24
UPC



GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6665787

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 26	9 1	PRW
600	Proof	9 26	9 1	PRW
607	Check Headspace	9 26	9 1	PRW
610	Dis-assemble Gun	9 26	9 1	PRW
612	Magnaflux Barrel Action		SEP 30 1991	KR
	Magnaflux Bolt		SEP 30 1991	KR
615	Rollmark Caliber		SEP 30 1991	LS
617	Drill and Tap Sight Holes		SEP 30 1991	FB.
618	Polish Barrel		OCT 2 1991	WB
620	Apply Coatings (Barrel Action)		10-13-91	PRW
	Apply Coating (Bolt)		10-13-91	PRW
625	Final Assembly A) Clean inside of Bolt Assembly		10/13/91	PRW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/13/91	PRW
	C) Inspect Ejector Hole for Chamfer		10/13/91	PRW
	D) Oil Firing Pin Ass'y		10/13/91	PRW
	E) Adjust Trigger Pull to Min Setting and Stake		10/29/91	PRW

op. #	OP NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4 1/4	4 1/4	4 1/4			10/28/91	WB
	G) Safety Off Force	3 1/2	3 1/2	3 1/2			10/28/91	WB
	H) Trigger Pull Test & Retainability						10/28/91	JH
	I) Firing Pin Indent	.0215	.0205	.0205			10/28/91	WB
	J) Assemble Stock						10/29/91	RW
	K) Assemble Swivel Studs						11-12-91	AC
	L) Attach Front and Rear Sight Assemblies						10/29/91	RW
	M) Iron Sight Alignment						10/29/91	RW
	N) Detach Front & Rear Sights & place in numbered container						10/29/91	RW
	O) Attach Scope to Rifle						10/29/91	RW
	P) Detach & Attach Scope 20 Times						10/29/91	RW
640	Gallery Target & Test						10-29-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						10-29-91	NF
655	Final Inspection							
	A) Headspace						11-12-91	AC
	B) Trigger Pull	237	241	236	233	240	10-30-91	D/H
	C) Function						11-12-91	AC
660	Pack						12-18-91	NF

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

SERIAL NO. C-6665787DATE 10/28/91TESTER JLL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.44	2.29	2.38	237	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.39	2.39	2.45	241	
PULL #3	2.39	2.40	2.48	236	
PULL #4	2.41	2.36	2.50	237	
PULL #5	2.27	2.42	2.51	240	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.50	3.41		
PULL #2	3.56	3.39		
PULL #3	3.46	3.33		
PULL #4	3.42	3.41		
PULL #5	3.39	3.39		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.42	4.32		4.26
PULL #2	4.40	4.34		4.27
PULL #3	4.37	4.36		4.27
PULL #4	4.24	4.37		4.29
PULL #5	4.32	4.34		4.37
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665787
29 Oct 1991

CENTROIDAL DISTANCES

0 TO	1	.026
1 TO	2	.136297
1 TO	3	.244724
1 TO	4	.307376
1 TO	5	.0950789

←---FOR

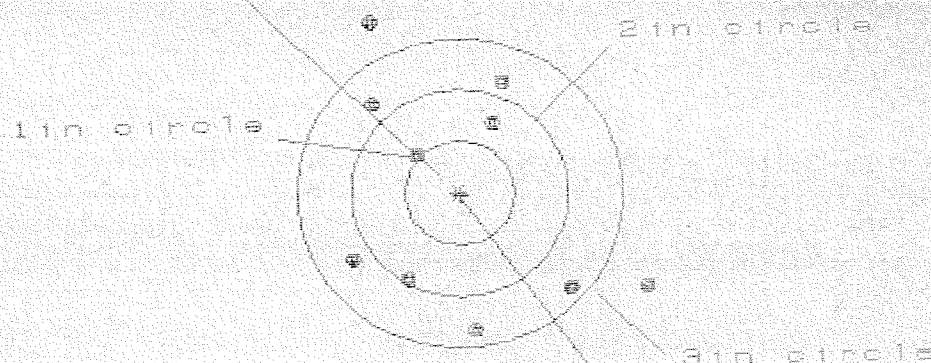
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0424
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.109
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .116956
THE AMR FOR THIS RIFLE IS: .966

28 Oct 1991

FILE: /PATTERNING/CENTERFIRE_PATT/C8505787

CENTERFIRE PATTERNS # 1

POA



OF SHOTS- 10

IN CIR

1in = 0

2in = 2

3in = 8

HS= 2.628

VS= 3.033

GS= 3.516

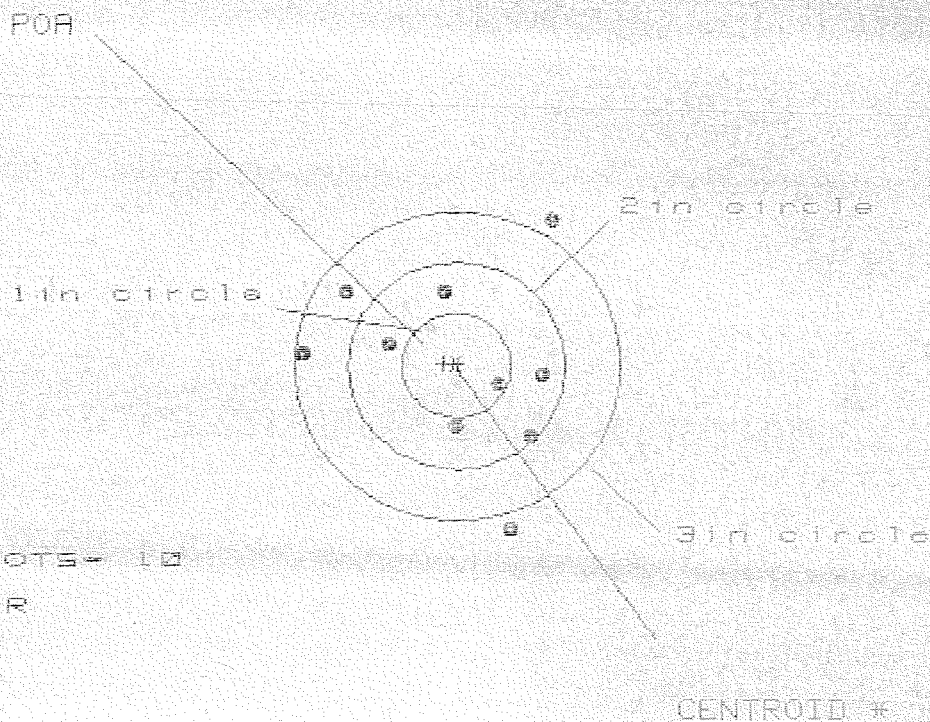
CENTROID *

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.662	1.167	1.098
MINIMUM X	-0.966	-0.782	-0.851
MAXIMUM Y	1.661	1.560	1.151
MINIMUM Y	-1.372	-1.473	-1.278
CENTROID X	-0.010	-0.194	-0.125
CENTROID Y	0.024	0.125	-0.071
POA TO CENTROID in.	0.026	0.231	0.143
MIN RADIUS	0.551	0.358	0.562
MEAN RADIUS	1.221	1.113	1.054
MAX RADIUS	1.892	1.657	1.394
HORIZONTAL SPREAD	2.628	1.949	1.949
VERTICAL SPREAD	3.033	3.033	2.429
EXTREME SPREAD	3.516	3.142	2.564
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		2	
NUMBER IN THREE INCH CIRCLE =		8	

28 Oct 1991

FILE: PATTERNING/CENTERFIRE_PATT/EGG65787

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 6

3 in = 8

HS = 2.307

VS = 3.055

GS = 3.075

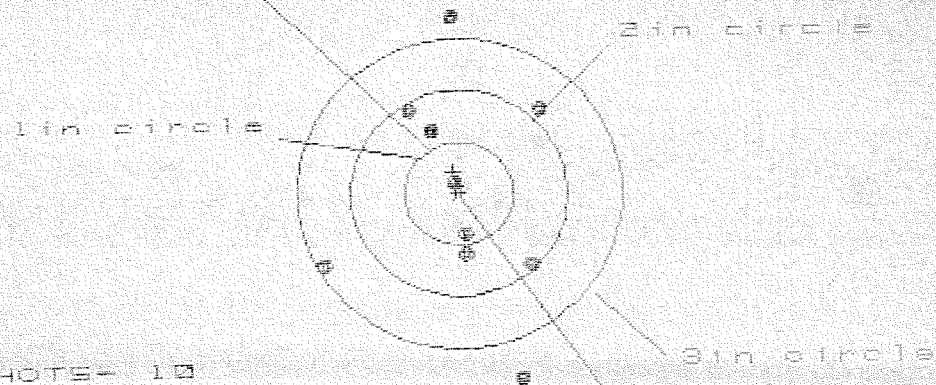
PATTERN #	2		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.863	.920	.912
MINIMUM X	-1.444	-1.387	-1.272
MAXIMUM Y	1.431	1.250	.695
MINIMUM Y	-1.624	-.875	-.718
CENTROID X	.119	.062	-.053
CENTROID Y	-.020	.161	.004
POA TO CENTROID in.	.120	.172	.054
MIN RADIUS	.448	.538	.526
MEAN RADIUS	1.026	.948	.860
MAX RADIUS	1.703	1.552	1.273
HORIZONTAL SPREAD	2.307	2.307	2.184
VERTICAL SPREAD	3.055	2.125	1.413
EXTREME SPREAD	3.075	2.668	2.284
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		8	

25 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8685787

CENTERFIRE PATTERNS # 3

POA



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 2.032

VS= 3.551

GS= 3.607

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	.798
MINIMUM X	-1.234
MAXIMUM Y	1.719
MINIMUM Y	-1.832
CENTROID X	.051
CENTROID Y	-.213
POA TO CENTROID in.	.219
MIN RADIUS	.153
MEAN RADIUS	.995
MAX RADIUS	1.909
HORIZONTAL SPREAD	2.032
VERTICAL SPREAD	3.551
EXTREME SPREAD	3.607
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	5
NUMBER IN THREE INCH CIRCLE =	8

29 Oct 1991

FILE: \PATTERNING\CENTERFIRE_PATT\CG663767

CENTERFIRE PATTERNS # 4

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS = 10

IN CIR

1in = 2

2in = 5

3in = 8

HS = 2.0800

VS = 2.896

GS = 3.043

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.884	.964	.824
MINIMUM X	-1.196	-1.116	-.887
MAXIMUM Y	1.304	1.127	1.203
MINIMUM Y	-1.592	-.753	-.677
CENTROID X	.086	.007	.147
CENTROID Y	-.268	-.091	-.166
POA TO CENTROID in.	.282	.092	.222
MIN RADIUS	.058	.153	.085
MEAN RADIUS	.890	.798	.713
MAX RADIUS	1.744	1.263	1.203
HORIZONTAL SPREAD	2.080	2.080	1.711
VERTICAL SPREAD	2.896	1.880	1.880
EXTREME SPREAD	3.043	2.429	2.072
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		9	

28 Oct 1991

FILE: PATTERNING/CENTERFIRE_PATT/C6603787

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 3

2in = 8

3in = 10

HS= 1.539

VS= 2.461

GS= 2.639

CENTROID #

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.772	.792	.699
MINIMUM X	-.767	-.747	-.657
MAXIMUM Y	1.023	.864	.495
MINIMUM Y	-1.438	-.894	-.787
CENTROID X	-.034	-.054	.039
CENTROID Y	-.068	.091	-.017
POA TO CENTROID in.	.076	.106	.042
MIN RADIUS	.056	.155	.037
MEAN RADIUS	.698	.625	.553
MAX RADIUS	1.449	1.142	.795
HORIZONTAL SPREAD	1.539	1.539	1.356
VERTICAL SPREAD	2.461	1.758	1.282
EXTREME SPREAD	2.639	1.902	1.420
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	10		