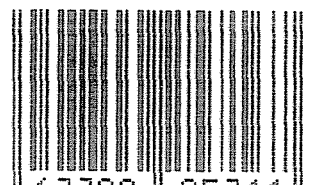


Small
©

FARM

UPC



0 47700 25716 7

66665731

BARBER - M24 0101849

MODEL 700 TM M24

ORDER NO.

5716

BARREL LENGTH

CONFIDENTIAL

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0101849 M2400101888

Remington



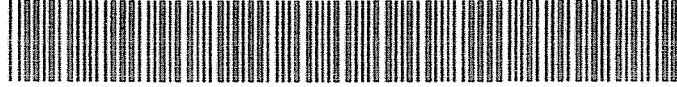
VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

MODEL 700 TM M24

SERIAL NO.
C6665731

ORDER NO.
5716

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



5716 C6665731

ORDER **5716**
MODEL 700 TM M24
UPC



0 47700 25716 7

ORDER **5716**
MODEL 700 TM M24
UPC



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6665731

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	LS
617	Drill and Tap Sight Holes		OCT 4 1991	LB
618	Polish Barrel		10/8/91	WB
620	Apply Coatings (Barrel Action)		10-22-91	TA
	Apply Coating (Bolt)		10-22-91	TA
625	Final Assembly A) Clean inside of Bolt Assembly		10/22/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/24/91	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		10/29/91	SL

BARBER - M24 0101852		READINGS					DATE	INIT
op. #	OP. NAME							
625 cont.	F) Safety On Force	4	4	4			10/29/91	GH
	G) Safety Off Force	3	3	3			10/29/91	GH
	H) Trigger Pull Test & Retainability						10/29/91	GH
	I) Firing Pin Indent	.0205	.0205	.0205			10/29/91	GH
	J) Assemble Stock						10/30/91	RW
	K) Assemble Swivel Studs						11-12-91	AC
	L) Attach Front and Rear Sight Assemblies						10/30/91	RW
	M) Iron Sight Alignment						10/30/91	RW
	N) Detach Front & Rear Sights & place in numbered container						10/30/91	RW
	O) Attach Scope to Rifle						10/30/91	RW
	P) Detach & Attach Scope 20 Times						10/30/91	RW
640	Gallery Target & Test						10/30/91	K
	A) Time						10/30/91	KT
	B) Malfunctions						10/30/91	KT
	C) Pierced Primers						10/30/91	KT
	D) Optical Clarity of Scope						10/30/91	KT
645	Inspect for Live Ammo						10/30/91	KT
655	Final Inspection							
	A) Headspace						11-12-91	AC
	B) Trigger Pull	251	231	235	246	252	11-6-91	PH
	C) Function						11-12-91	AC
660	Pack						12-19-91	V

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

SERIAL NO. C-6665731DATE 10/29/81TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.61	2.40	2.30	2.51	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.66	2.38	2.25	2.31	
PULL #3	2.42	2.37	2.33	2.35	
PULL #4	2.68	2.32	2.41	2.46	
PULL #5	2.66	2.21	2.40	2.52	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.26	3.50		
PULL #2	3.35	3.50		
PULL #3	3.46	3.38		
PULL #4	3.39	3.34		
PULL #5	3.46	3.56		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.25	4.30		4.48
PULL #2	4.25	4.46		4.35
PULL #3	4.48	4.29		4.42
PULL #4	4.45	4.35		4.36
PULL #5	4.33	4.34		4.53
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665731
31 Oct 1991

CENTROIDAL DISTANCES

0 TO	1	.1836
1 TO	2	.428591
1 TO	3	.252958
1 TO	4	.366347
1 TO	5	.374168

$\bar{x}$ <----POB

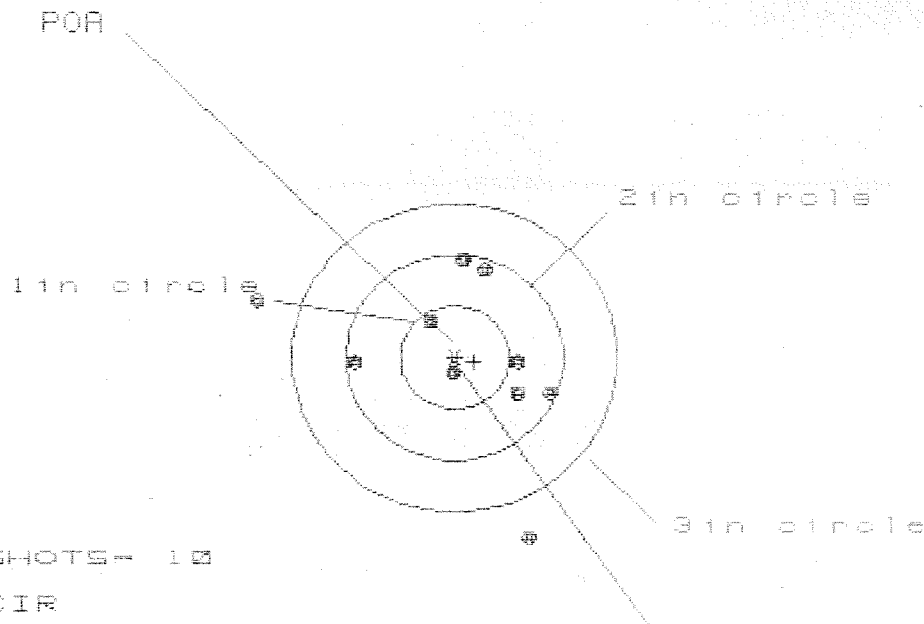
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0846
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1776
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .19672

THE AMR FOR THIS RIFLE IS: 1.131

31 Oct 1931

FILE: \PATTERNING\CENTERFIRE_PATT\08665731

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1in = 2

2in = 6

3in = 8

HS = 2.654

VS = 2.757

GS = 3.374

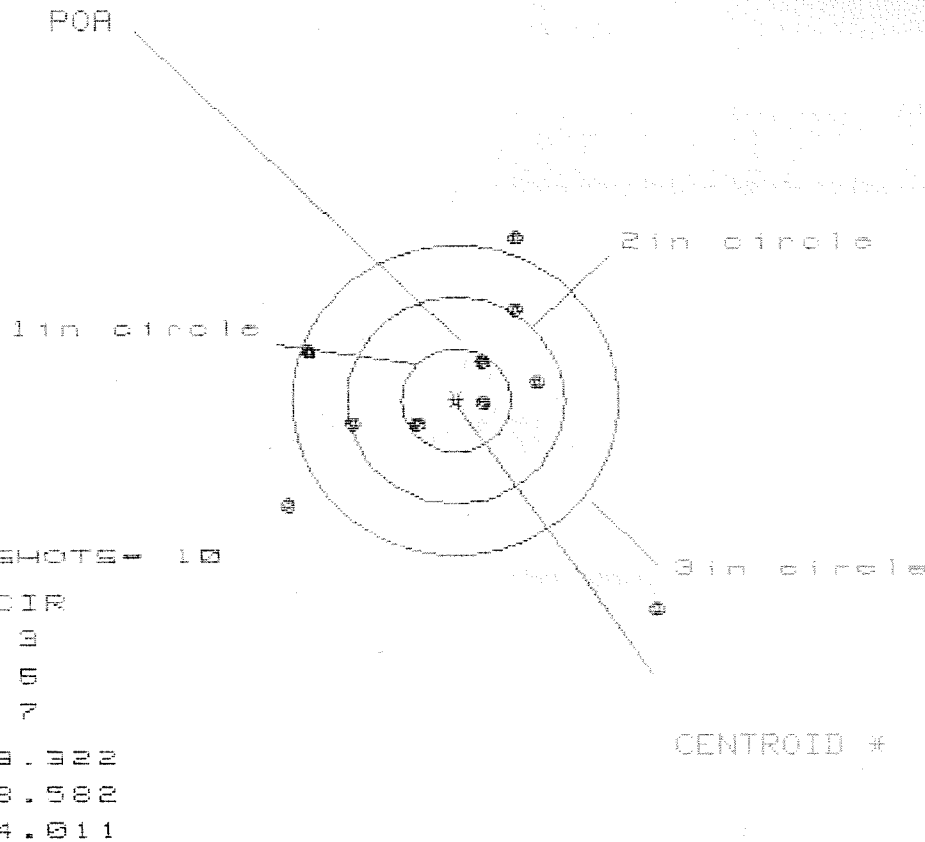
CENTROID *

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.847	.918	.791
MINIMUM X	:	-1.808	-1.736	-1.095
MAXIMUM Y	:	.981	.784	.827
MINIMUM Y	:	-1.776	-.529	-.486
CENTROID X	:	-.178	-.250	-.033
CENTROID Y	:	.045	.243	.200
POA TO CENTROID in.	:	.184	.349	.202
MIN RADIUS	:	.144	.188	.334
MEAN RADIUS	:	.929	.817	.672
MAX RADIUS	:	1.889	1.770	1.118
HORIZONTAL SPREAD	:	2.654	2.654	1.796
VERTICAL SPREAD	:	2.757	1.313	1.313
EXTREME SPREAD	:	3.374	2.794	1.814
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		8	

31 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06665731

CENTERFIRE PATTERNS # 2



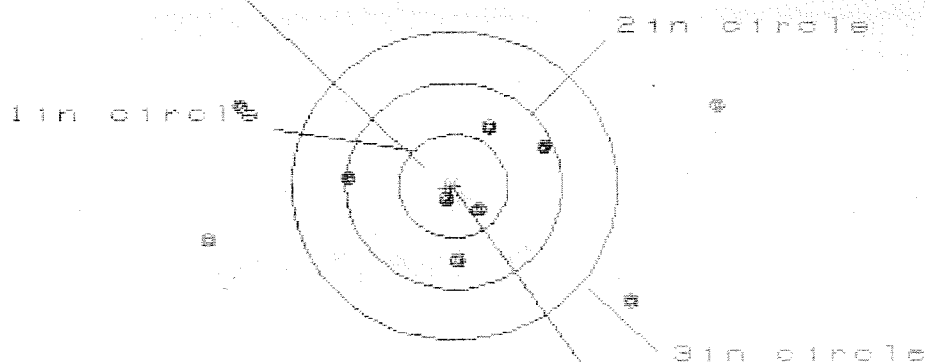
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.800	.956	.791
MINIMUM X	:	-1.522	-1.322	-1.337
MAXIMUM Y	:	1.598	1.378	1.221
MINIMUM Y	:	-1.984	-1.256	-.571
CENTROID X	:	-.247	-.447	-.282
CENTROID Y	:	-.378	-.158	-.001
POA TO CENTROID in.	:	.452	.474	.282
MIN RADIUS	:	.268	.430	.307
MEAN RADIUS	:	1.146	.976	.843
MAX RADIUS	:	2.679	1.923	1.347
HORIZONTAL SPREAD	:	3.322	2.278	2.128
VERTICAL SPREAD	:	3.582	2.634	1.792
EXTREME SPREAD	:	4.011	3.341	2.310
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		7	

31 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665731

CENTERFIRE PATTERNS # 3

POR



OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 6

HS= 4.695

VS= 1.933

GS= 4.865

CENTROID #

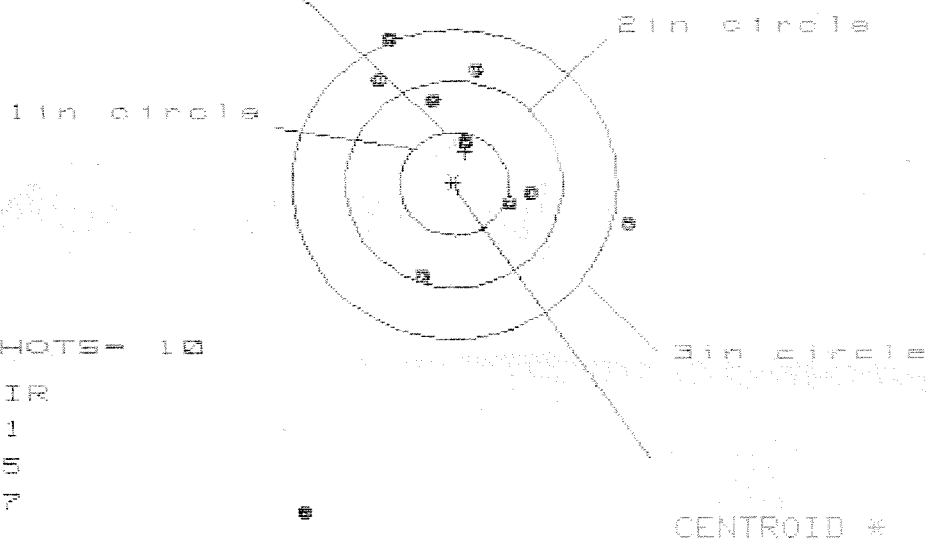
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.395	1.851	1.597
MINIMUM X	:	-2.300	-2.034	-1.965
MAXIMUM Y	:	.783	.847	.797
MINIMUM Y	:	-1.150	-1.063	-1.113
CENTROID X	:	.074	-.192	.062
CENTROID Y	:	.023	-.064	-.014
POR TO CENTROID in.	:	.077	.203	.063
MIN RADIUS	:	.157	.150	.125
MEAN RADIUS	:	1.267	1.140	.971
MAX RADIUS	:	2.520	2.135	2.120
HORIZONTAL SPREAD	:	4.695	3.885	3.562
VERTICAL SPREAD	:	1.933	1.910	1.910
EXTREME SPREAD	:	4.865	4.042	4.042
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		6	

31 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06685731

CENTERFIRE PATTERNS # 4

POB



OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 7

HS= 3.064

VS= 4.623

GS= 4.693

CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.653	1.496	.756
MINIMUM X	:	-1.411	-.849	-.662
MAXIMUM Y	:	1.426	1.071	.979
MINIMUM Y	:	-3.197	-1.251	-1.343
CENTROID X	:	-.105	.052	-.135
CENTROID Y	:	-.314	.041	.134
POB TO CENTROID in.	:	.331	.066	.190
MIN RADIUS	:	.467	.127	.114
MEAN RADIUS	:	1.260	.912	.793
MAX RADIUS	:	3.494	1.669	1.377
HORIZONTAL SPREAD	:	3.064	2.345	1.413
VERTICAL SPREAD	:	4.623	2.322	2.022
EXTREME SPREAD	:	4.693	2.895	2.338
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

31 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C06G5731

CENTERFIRE PATTERNS # 5

POR

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS= 10

IN CIR

1in = 2

2in = 6

3in = 7

HS= 2.470

VS= 2.772

GS= 3.388

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.892	.717	.749
MINIMUM X	:	-1.578	-1.473	-1.441
MAXIMUM Y	:	1.228	1.107	.899
MINIMUM Y	:	-1.544	-1.665	-1.612
CENTROID X	:	.033	.208	.176
CENTROID Y	:	-.264	-.143	.065
POR TO CENTROID in.	:	.266	.253	.188
MIN RADIUS	:	.263	.268	.212
MEAN RADIUS	:	1.052	.931	.809
MAX RADIUS	:	1.918	1.684	1.493
HORIZONTAL SPREAD	:	2.470	2.190	2.190
VERTICAL SPREAD	:	2.772	2.772	1.911
EXTREME SPREAD	:	3.388	2.810	2.444
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		7	