

BARBER - M24 0103654

Smead®

FORM

UPC



0 47700 25716 7

06665884

*INCLUDES 1 IN CHAMBER

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0103654 M2400103693

BARBER - M24 0103655

ORDER NO.

5716

MODEL 700 TM M24

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0103694

BARBER - M24 0103656

Remington



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

MODEL 700TM M24

SERIAL NO.

C6665884

ORDER NO.

5716

20

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



5716 C6665884

ORDER 5716

MODEL 700TM M24

UPC



0 47700 25716 7

ORDER 5716

MODEL 700TM M24

UPC



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6665884

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		9/24/91	KL
600	Proof		9/24/91	KL
607	Check Headspace		9/24/91	KL
610	Dis-assemble Gun		9/24/91	KL
612	Magnaflux Barrel Action		OCT 2 1991	KR
	Magnaflux Bolt		OCT 2 1991	KR
615	Rollmark Caliber		OCT 2 1991	GL
617	Drill and Tap Sight Holes		OCT 2 1991	LB
618	Polish Barrel		OCT 4 1991	WB
620	Apply Coatings (Barrel Action)		10-14-91	KL
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/28/91	KL
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/28/91	KL
	C) Inspect Ejector Hole for Chamfer		10/28/91	KL
	D) Oil Firing Pin Ass'y		10/28/91	KL
	E) Adjust Trigger Pull to Min Setting and Stake		10/29/91	KL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			10/29/91	JH
	G) Safety Off Force	3	3	3			10/29/91	JH
	H) Trigger Pull Test & Retainability						10/29/91	JH
	I) Firing Pin Indent	.0205	.021	.021			10/29/91	JH
	J) Assemble Stock						10/29/91	JH
	K) Assemble Swivel Studs						11-12-91	AC
	L) Attach Front and Rear Sight Assemblies						10/29/91	JH
	M) Iron Sight Alignment						10/29/91	JH
	N) Detach Front & Rear Sights & place in numbered container						10/29/91	JH
	O) Attach Scope to Rifle						10/29/91	JH
	P) Detach & Attach Scope 20 Times						10/29/91	JH
640	Gallery Target & Test						10-31-91	AC
	A) Time						10-31-91	AC
	B) Malfunctions						10-31-91	AC
	C) Pierced Primers						10-31-91	AC
	D) Optical Clarity of Scope						10-31-91	AC
645	Inspect for Live Ammo						10-31-91	AC
655	Final Inspection							
	A) Headspace						11-12-91	AC
	B) Trigger Pull	251	255	241	241	253	11-4-91	DH
	C) Function						11-12-91	AC
660	Pack						12-18-91	N

SWS TRIGGER PULL TESTAVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO C6665884DATE 10/29/91TESTER JM

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.60	2.55	2.58	2.51	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.53	2.52	2.55	2.55	
PULL #3	2.57	2.54	2.50	2.41	
PULL #4	2.49	2.57	2.52	2.41	
PULL #5	2.49	2.56	2.55	2.53	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.60	3.29		
PULL #2	3.27	3.30		
PULL #3	3.31	3.23		
PULL #4	3.28	3.27		
PULL #5	3.28	3.35		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.28	4.37		4.42
PULL #2	4.36	4.40		4.42
PULL #3	4.34	4.31		4.43
PULL #4	4.38	4.36		4.38
PULL #5	4.37	4.44		4.45
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06885884
31 Oct 1991

CENTROIDAL DISTANCES

G TO	1	.318321
1 TO	2	.034008
2 TO	3	.533184
3 TO	4	.459659
4 TO	5	.182165

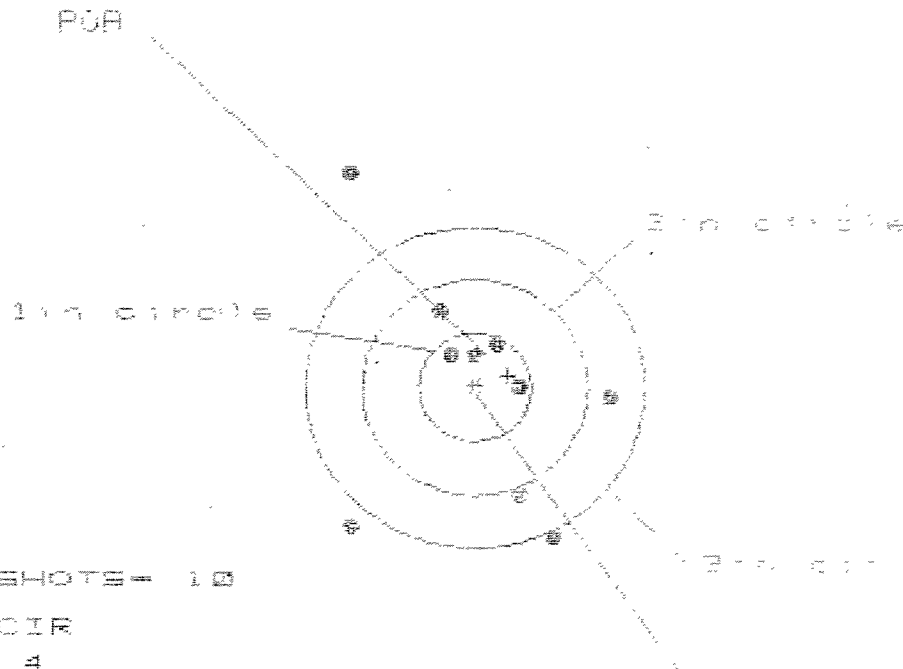
3
left

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -1.125
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: 1.619
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: 1.127410
THE SMP FOR THIS RIFLE IS: .9425

31 Oct 1981

FILE/PATTERNING/CENTERFIRE_PATT/05883685

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 4

2 in = 5

3 in = 7

HE= 2.274

VS= 3.384

ES= 3.787

CENTROID =

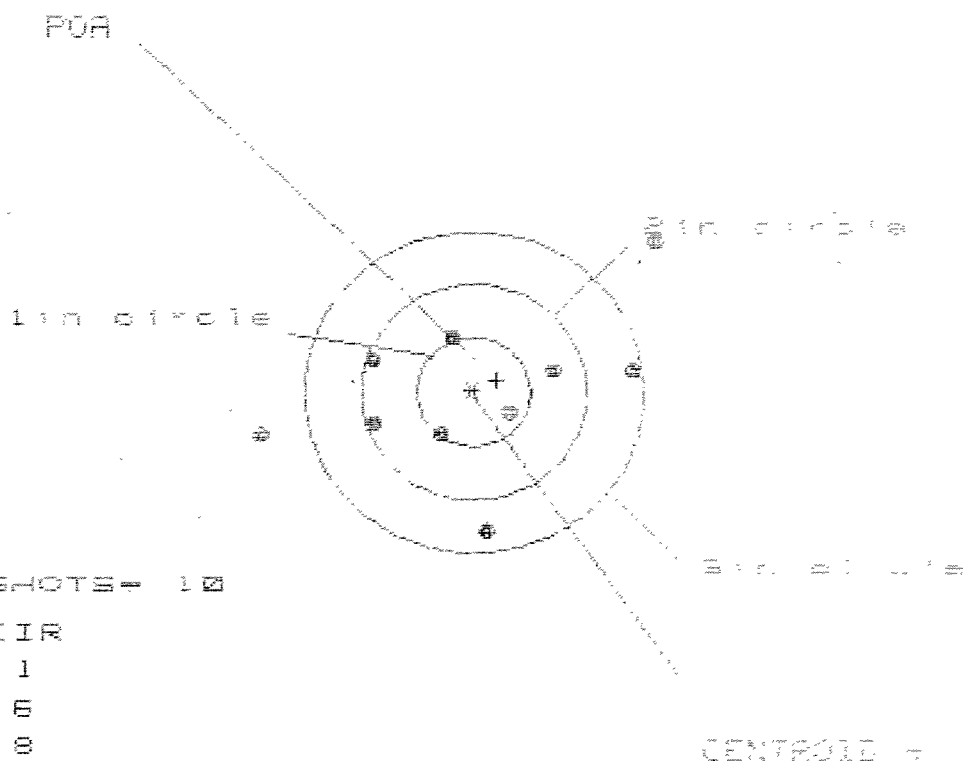
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.174	1.056	.904
MINIMUM X	:	-1.100	-1.218	-.599
MAXIMUM Y	:	1.988	.956	.025
MINIMUM Y	:	-1.396	-1.175	-1.325
CENTROID X	:	-.293	-.175	-.923
CENTROID Y	:	-.111	-.332	-.291
POA TO CENTROID in.	:	.313	.375	.263
MIN RADIUS	:	.315	.339	.133
MEAN RADIUS	:	1.003	.889	.750
MAX RADIUS	:	2.253	1.604	1.354
HORIZONTAL SPREAD	:	2.274	2.274	1.623
VERTICAL SPREAD	:	3.384	2.131	2.171
EXTREME SPREAD	:	3.797	2.573	2.351
POEPP IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

31 Oct 1991

FILE: PATTERNING/CENTERFIRE_PATT/06665824

CENTERFIRE PATTERNS

2



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 6

3 in = 8

HS= 3.488

VS= 2.727

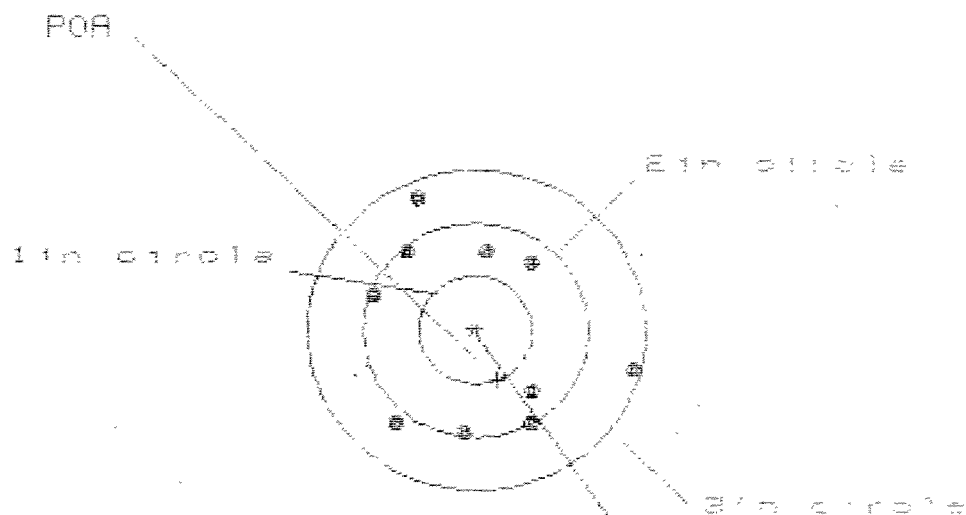
GS= 3.918

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.631	1.545	1.325
MINIMUM X	:	-1.857	-1.676	-1.521
MAXIMUM Y	:	1.397	.710	.681
MINIMUM Y	:	-1.330	-1.175	-1.204
CENTROID X	:	-.209	-.390	-.180
CENTROID Y	:	-.110	-.265	-.236
POA TO CENTROID in.	:	.236	.472	.297
MIN RADIUS	:	.388	.296	.301
MEAN RADIUS	:	1.079	.937	.832
MAX RADIUS	:	2.147	1.692	1.383
HORIZONTAL SPREAD	:	3.488	3.221	2.256
VERTICAL SPREAD	:	2.727	1.885	1.385
EXTREME SPREAD	:	3.918	3.281	2.070
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

31 Oct 1991

FILE: PATTERNING/CENTERFIRE_PATT/C8865861

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 6

3 in = 10

HS= 2.252

VS= 2.214

GS= 2.485

CENTROID

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.351	.676	.625
MINIMUM X	:	-.901	-.750	-.800
MAXIMUM Y	:	1.233	1.190	.842
MINIMUM Y	:	-.981	-1.024	-.875
CENTROID X	:	-.190	-.341	-.290
CENTROID Y	:	.462	.505	.356
POA TO CENTROID in.	:	.500	.609	.459
MIN RADIUS	:	.734	.722	.732
MEAN RADIUS	:	1.009	.956	.912
MAX RADIUS	:	1.404	1.256	.993
HORIZONTAL SPREAD	:	2.252	1.426	1.425
VERTICAL SPREAD	:	2.214	2.214	1.717
EXTREME SPREAD	:	2.495	2.360	1.962
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

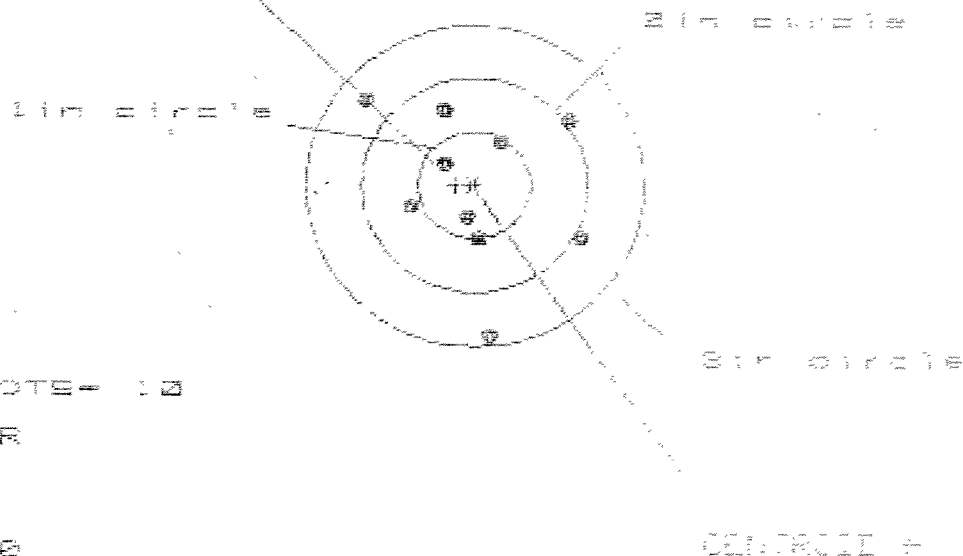
31 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8E85684

CENTERFIRE PATTERNS

4

FOR



OF SHOTS = 10

IN CIR

1 in = 3

2 in = 6

3 in = 10

HS = 1.914

VS = 2.188

GS = 2.415

PATTERN #

4

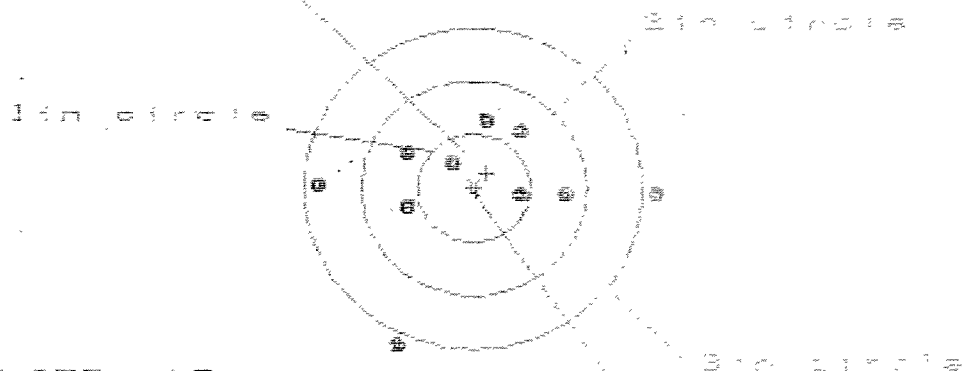
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.897	.909	.796
MINIMUM X	-.917	-.905	-.606
MAXIMUM Y	.832	.681	.479
MINIMUM Y	-1.357	-.666	-.581
CENTROID X	.165	.153	.366
CENTROID Y	-.007	.144	.059
POA TO CENTROID in.	.165	.210	.270
MIN RADIUS	.275	.247	.359
MEAN RADIUS	.768	.692	.641
MAX RADIUS	1.361	1.133	.970
HORIZONTAL SPREAD	1.814	1.914	1.462
VERTICAL SPREAD	2.188	1.347	1.379
EXTREME SPREAD	2.415	2.243	1.717
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		10	

11 Oct 1991

FILE: PATTERNS/CENTERFIRE_PATT/00605901

CENTERFIRE PATTERNS # 3

FOR



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 7

3 in = 8

HS = 2.947

VS = 2.034

GS = 2.948

CENTROID #

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.573	1.494	1.917
MINIMUM X	-1.374	-1.453	-1.257
MAXIMUM Y	.592	.432	.497
MINIMUM Y	-1.442	-.294	-.003
CENTROID X	-.113	-.034	-.214
CENTROID Y	-.139	.021	.049
FOR TO CENTROID in.	.179	.048	.217
MIN RADIUS	.259	.243	.090
MEAN RADIUS	.854	.741	.623
MAX RADIUS	1.611	1.506	1.277
HORIZONTAL SPREAD	2.947	2.947	2.784
VERTICAL SPREAD	2.034	.716	.716
EXTREME SPREAD	2.948	2.948	2.191
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		8	