

CAPACITY*

*INCLUDES 1 IN CHAMBER

06665884

UPC



0 47700 25716 7

FORN

Smead®

M2400103693

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

MODEL 700 TM M24

ORDER NO.

5716

Remington



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

MODEL 700 TM 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 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 #

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	LL
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	LA
	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 TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO C6665884

DATE 10/29/91

TESTER 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	2.52	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

0 TO	1	.319321
1 TO	2	.084098
2 TO	3	.583184
3 TO	4	.469655
4 TO	5	.182185

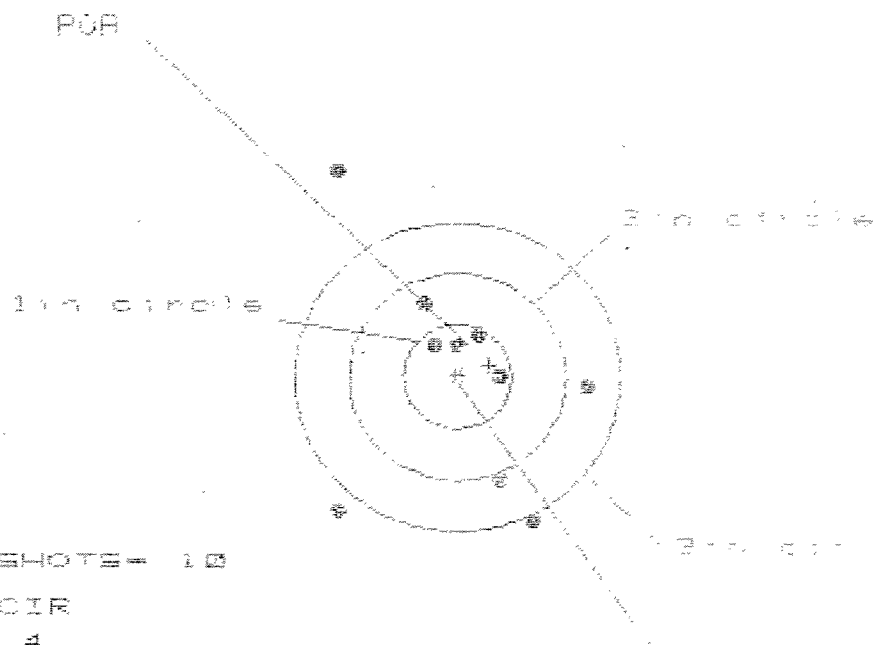
3
4 -----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.125
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .019
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .12412
THE SQR FOR THIS RIFLE IS: .9425

31 Oct 1981

FILE:/PATTERNING/CENTERFIRE_PATT/6885886

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN AIR

1 IN = 4

2 IN = 5

3 IN = 7

HE = 2.374

VS = 3.384

ES = 3.787

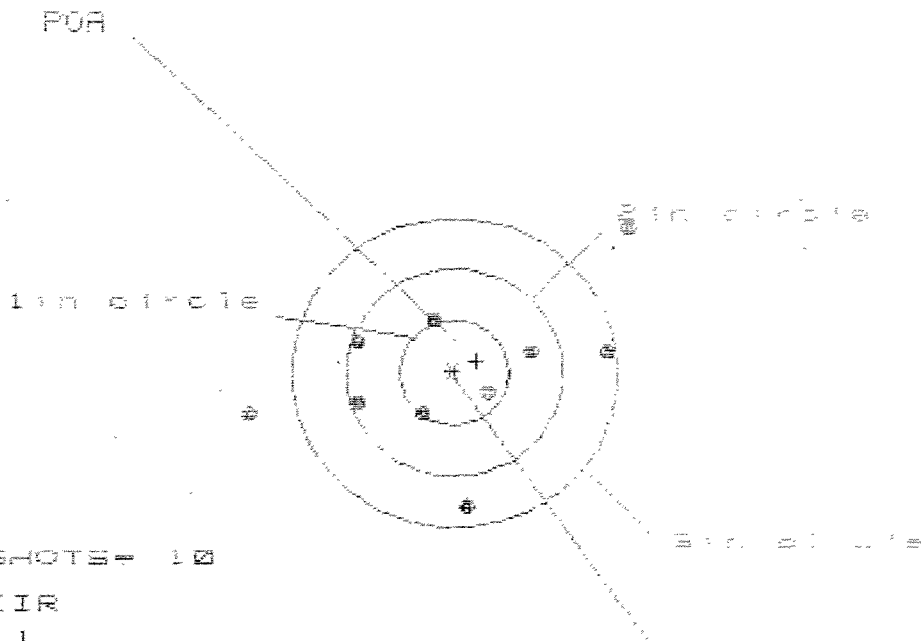
CENTROID =

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.174	1.056	.904
MINIMUM X	:	-1.100	-1.218	-1.599
MAXIMUM Y	:	1.988	.956	.825
MINIMUM Y	:	-1.396	-1.175	-1.303
CENTROID X	:	-.293	-.175	-.023
CENTROID Y	:	-.111	-.332	-.301
POA TO CENTROID in.	:	.313	.375	.363
MIN RADIUS	:	.315	.339	.363
MEAN RADIUS	:	1.003	.889	.756
MAX RADIUS	:	2.253	1.604	1.384
HORIZONTAL SPREAD	:	2.274	2.274	1.803
VERTICAL SPREAD	:	3.384	2.131	3.171
EXTREME SPREAD	:	3.787	2.573	2.351
SHOTS IN ONE INCH CIRCLE	=		4	
SHOTS IN TWO INCH CIRCLE	=		5	
SHOTS IN THREE INCH CIRCLE	=		7	

31 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06885084

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

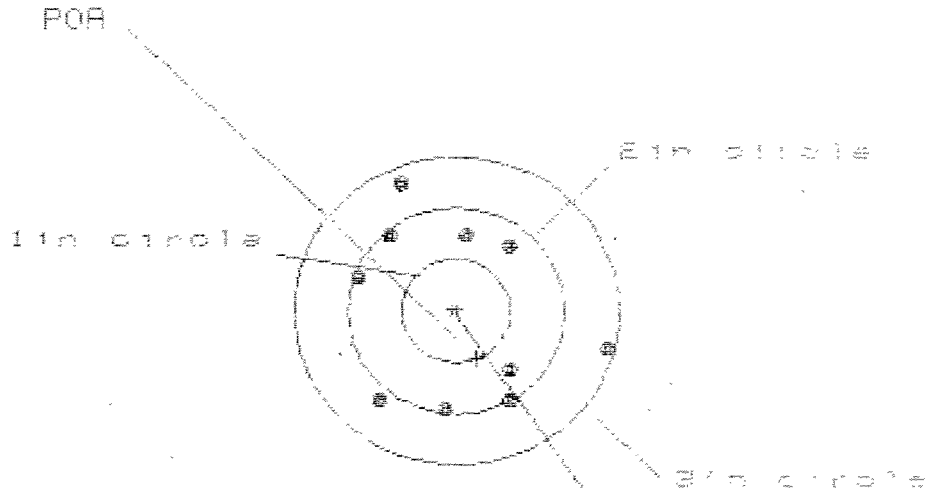
CENTROID

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.631	1.545	1.325
MINIMUM X	:	-1.857	-1.676	-1.921
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	.331
MEAN RADIUS	:	1.079	.937	.932
VAR RADIUS	:	2.147	1.692	1.383
HORIZONTAL SPREAD	:	3.488	3.221	2.266
VERTICAL SPREAD	:	2.727	1.885	1.335
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/C6885881

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 0

2in = 6

3in = 10

HS = 2.252

VS = 2.214

GS = 2.485

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	1.426
VERTICAL SPREAD	:	2.214	2.214	1.717
EXTREME SPREAD	:	2.495	2.360	1.762
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-08825884

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

CENTROID +

OF SHOTS = 10

IN CIR

1 in = 3

2 in = 6

3 in = 10

HS = 1.914

VS = 2.188

GS = 2.415

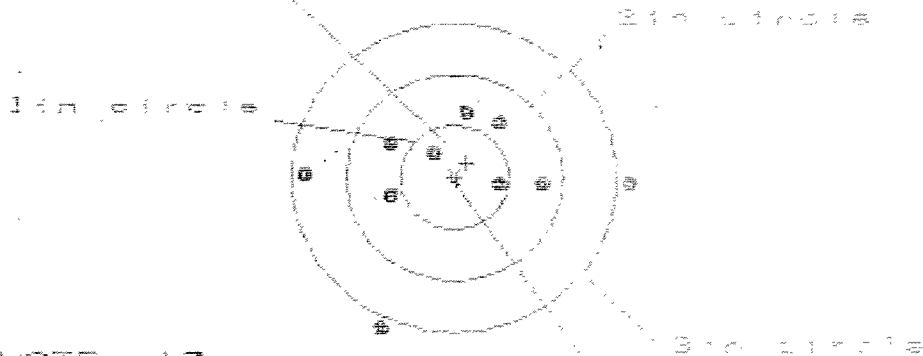
PATTERN #	4		
SHOTS (BEST OF)	10	9	6
MAXIMUM X	.897	.909	.796
MINIMUM X	-.917	-.905	-.606
MAXIMUM Y	.832	.681	.473
MINIMUM Y	-1.357	-.666	-.581
CENTROID X	.165	.153	.266
CENTROID Y	-.087	.144	.089
POA TO CENTROID in.	.165	.210	.276
MIN RADIUS	.275	.247	.355
MEAN RADIUS	.768	.692	.641
MAX RADIUS	1.361	1.133	.970
HORIZONTAL SPREAD	1.814	1.914	1.462
VERTICAL SPREAD	2.188	1.347	1.259
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: \PATTERNING\CENTERFIRE_PATT-086258A

CENTERFIRE PATTERNS # 3

FOR



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 7

3 in = 8

HE = 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	1.915
MINIMUM X	-1.374	-1.453	-1.267
MAXIMUM Y	.592	.432	.487
MINIMUM Y	-1.442	-.384	-1.003
CENTROID X	-.113	-.034	-.106
CENTROID Y	-.139	.021	.045
FOR TO CENTROID in.	.179	.040	.125
MIN RADIUS	.259	.248	.080
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		