

FORM

UPC



0 47700 25716 7

6665923

*INCLUDES 1 IN CHAMBER

CAPACITY*

BARREL LENGTH

2.5

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400104090

MODEL TM M24

ORDER NO 5715

Remington



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

MODEL 700 TM M24

SERIAL NO.

C6665923

ORDER NO.

5716

20

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



5716 C6665923

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 #

66665923

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		9/27/91	KJ
600	Proof		9/27/91	KJ
607	Check Headspace		9/27/91	KJ
610	Dis-assemble Gun		9/27/91	KJ
612	Magnaflux Barrel Action	OCT	4 1991	Kcd
	Magnaflux Bolt	OCT	4 1991	Kcd
615	Rollmark Caliber	OCT	4 1991	CS
617	Drill and Tap Sight Holes	OCT	4 1991	KB
618	Polish Barrel	OCT	4 1991	WB
620	Apply Coatings (Barrel Action)		10-12-91	JS
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/4/91	KJ
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/4/91	KJ
	C) Inspect Ejector Hole for Chamfer		11/4/91	KJ
	D) Oil Firing Pin Ass'y		11/4/91	KJ
	E) Adjust Trigger Pull to Min Setting and Stake		11/5/91	JH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			11-5-91	JK
	G) Safety Off Force	3	3	3			11-5-91	JK
	H) Trigger Pull Test & Retainability						11-13-91	JK
	I) Firing Pin Indent	.021	.021	.021			11/5/91	JK
	J) Assemble Stock						11/5/91	JK
	K) Assemble Swivel Studs						11-13-91	K
	L) Attach Front and Rear Sight Assemblies						11/5/91	JK
	M) Iron Sight Alignment						11/5/91	JK
	N) Detach Front & Rear Sights & place in numbered container						11/5/91	JK
	O) Attach Scope to Rifle						11/5/91	JK
	P) Detach & Attach Scope 20 Times						11/5/91	JK
640	Gallery Target & Test						11/6/91	KT
	A) Time							KT
	B) Malfunctions							KT
	C) Pierced Primers							KT
	D) Optical Clarity of Scope							KT
645	Inspect for Live Ammo						11/12/91	KT
655	Final Inspection							
	A) Headspace						11-13-91	AC
	B) Trigger Pull	2.46	2.38	2.48	2.52	2.52	11-12-91	AC
	C) Function						11-13-91	AC
660	Pack						12-18-91	NF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO C6665923DATE 11-5-91TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.49	2.40	2.45	2.46	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.45	2.30	2.48	2.38	
PULL #3	2.37	2.47	2.43	2.48	
PULL #4	2.49	2.40	2.48	2.52	
PULL #5	2.48	2.41	2.40	2.52	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.42	3.36		
PULL #2	3.39	3.36		
PULL #3	3.36	3.21		
PULL #4	3.26	3.33		
PULL #5	3.38	3.30		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.24	4.32		4.30
PULL #2	4.33	4.31		4.30
PULL #3	4.28	4.33		4.30
PULL #4	4.25	4.28		4.32
PULL #5	4.28	4.33		4.32
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06665923
6 Nov 1991

CENTROIDAL DISTANCES

0 TO 1	.608317
1 TO 2	1.07246
1 TO 3	1.23678
1 TO 4	.507765
1 TO 5	.761202

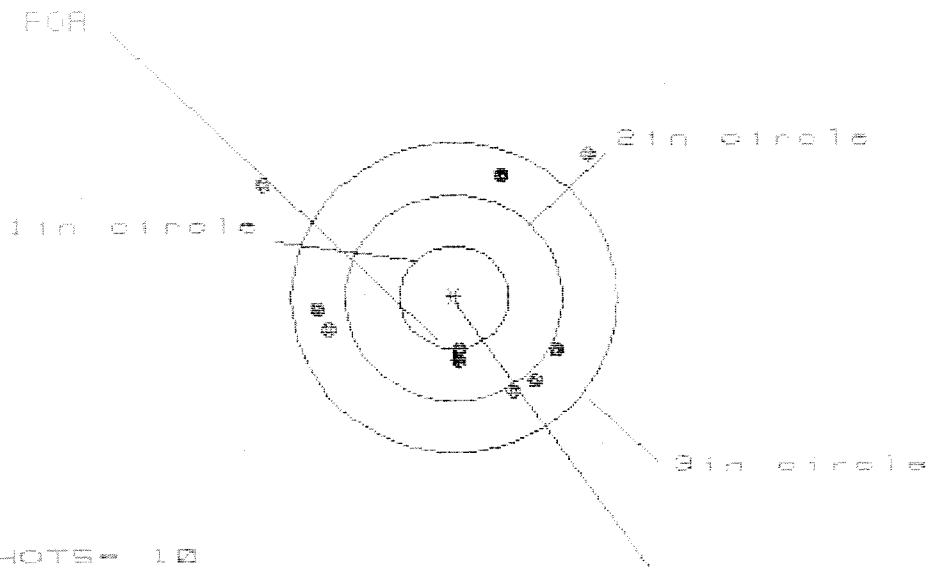
1
0.1 <----POA
0.2

0. THIS RIFLE IS: .0646
0. THIS RIFLE IS: -.0706
0. FOR THIS RIFLE IS: .095693

5 MAY 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8865323

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 0

2in = 2

3in = 8

MEAN = 2.888

SE = 3.041

CE = 3.108

CENTROID #

PRINTER

25

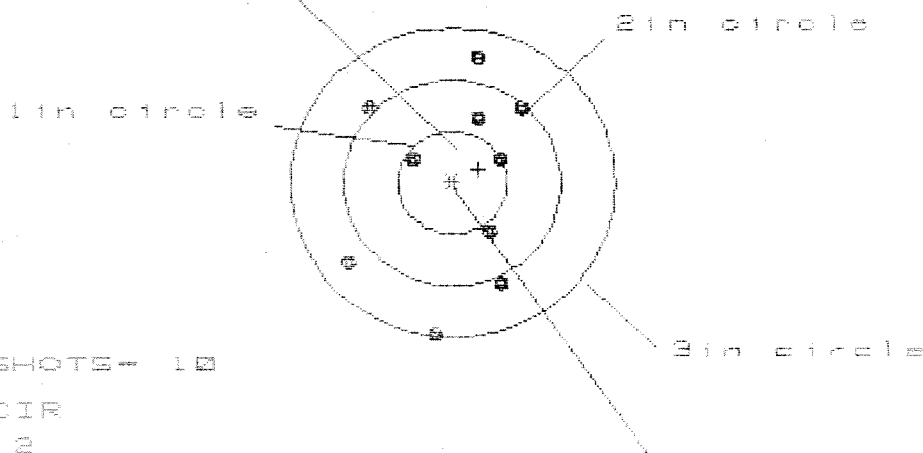
SHOT	OF	10	9	8
MR. 1	1	1.192	.999	.919
MR. 2	1	-1.736	-1.442	-1.317
MR. 3	1	1.442	1.562	1.520
MR. 4	1	-.899	-.779	-.583
MR. 5	1	-.848	.153	.028
MR. 6	1	.607	.487	.291
MR. 7	1	.609	.510	.293
MR. 8	1	.511	.412	.193
MR. 9	1	1.209	1.066	.900
MR. 10	1	2.047	1.855	1.575
MR. 11	1	2.915	2.441	2.236
MR. 12	1	2.341	2.341	2.103
MR. 13	1	3.168	2.889	2.281
MR. 14	1			
MR. 15	1			
MR. 16	1			
MR. 17	1			
MR. 18	1			
MR. 19	1			
MR. 20	1			

6 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8865923

CENTERFIRE PATTERNS # 5

POB



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 10

HS= 1.562

VS= 2.731

GS= 2.764

CENTROID #

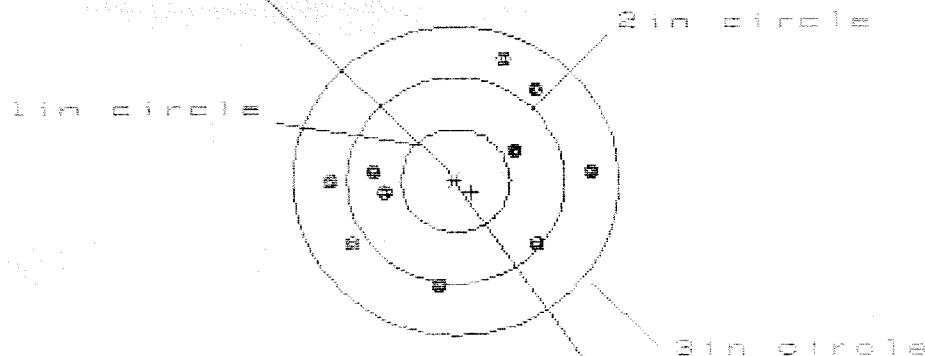
PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM	:	.620	.599	.625
MINIMUM	:	-.942	-.963	-.937
MAXIMUM	:	1.266	1.103	.673
MINIMUM	:	-1.465	-1.171	-1.033
CENTROID	:	-.238	-.217	-.243
CENTROID	:	-.128	.035	-.103
POB TO CENTROID	:	.270	.219	.264
MIN RAD	:	.436	.375	.420
MEAN RAD	:	.918	.831	.800
MAX RAD	:	1.477	1.350	1.236
HORIZONTAL SPREAD	:	1.562	1.562	1.562
VERTICAL SPREAD	:	2.731	2.274	1.706
EXTREME SPREAD	:	2.764	2.363	2.147
NUMBER IN 1 INCH CIRCLE	=		2	
NUMBER IN 2 INCH CIRCLE	=		5	
NUMBER IN 3 INCH CIRCLE	=		10	

6 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8605923

CENTERFIRE PATTERNS # 4

POA



OF SHOTS= 10

IN CIR

1in = 0

2in = 4

3in = 10

HS= 2.345

VS= 2.222

GS= 2.349

CENTROID *

PATTERN #	:	2	3	4
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.224	1.274	.924
MINIMUM X	:	-1.121	-1.071	-.911
MAXIMUM Y	:	1.168	.979	1.007
MINIMUM Y	:	-1.054	-.924	-.896
CENTROID X	:	-.144	-.193	-.353
CENTROID Y	:	.110	-.020	-.048
POA TO CENTROID in.	:	.181	.194	.356
MIN RADIUS	:	.641	.592	.434
MEAN RADIUS	:	.991	.949	.875
MAX RADIUS	:	1.251	1.294	1.358
HORIZONTAL SPREAD	:	2.345	2.345	1.835
VERTICAL SPREAD	:	2.222	1.903	1.903
EXTREME SPREAD	:	2.349	2.349	2.194
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		10	

6 Nov 1991

FILE: PATTERNING/CENTERFIRE_PATT/C6585923

CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIR

1in = 1

2in = 4

3in = 10

HS = 2.315

VS = 1.991

GS = 2.599

CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.235	1.361	1.496
MINIMUM X	:	-1.081	-.954	-.783
MAXIMUM Y	:	.876	.938	.891
MINIMUM Y	:	-1.115	-1.018	-1.065
CENTROID X	:	.430	.304	.133
CENTROID Y	:	-.537	-.634	-.587
POA TO CENTROID in.	:	.688	.703	.601
MIN RADIUS	:	.232	.084	.099
MEAN RADIUS	:	1.009	.930	.832
MAX RADIUS	:	1.440	1.414	1.538
HORIZONTAL SPREAD	:	2.315	2.315	2.279
VERTICAL SPREAD	:	1.991	1.956	1.956
EXTREME SPREAD	:	2.599	2.334	2.331
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			4	
NUMBER IN THREE INCH CIRCLE =			10	

6 Nov 1991

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CENTERFIRE PATTERNS # 2

POA

1 in circle

3 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in - 2

2 in - 7

3 in - 9

HS= 2.461

VS= 1.601

GS= 2.487

CENTROID #

PATTERN #

2

SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.460	1.327	.904
MINIMUM X	:	-1.001	-.839	-.673
MAXIMUM Y	:	.876	.818	.821
MINIMUM Y	:	-.725	-.783	-.780
CENTROID X	:	.315	.153	-.013
CENTROID Y	:	-.405	-.347	-.350
POA TO CENTROID in.	:	.513	.379	.350
MIN RADIUS	:	.380	.254	.198
MEAN RADIUS	:	.838	.713	.601
MAX RADIUS	:	1.549	1.327	1.195
HORIZONTAL SPREAD	:	2.461	2.166	1.577
VERTICAL SPREAD	:	1.601	1.601	1.601
EXTREME SPREAD	:	2.467	2.206	1.833
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	