

FORM

UPC



C6665946

*INCLUDES 1 IN CHAMBER

CAPACITY*

BARREL LENGTH

BARBER - M24 0104353

MODEL 700 TM M24

ORDER NO.

5716

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0104392
M2400104392

BARBER - M24 0104354

Remington



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

MODEL 700 TM M24

SERIAL NO.
C6665946

ORDER NO.
5716

20

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



5716 C6665946

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 #

C6665946

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/1/91	KH
600	Proof		10/1/91	KH
607	Check Headspace		10/1/91	KH
610	Dis-assemble Gun		10/1/91	KH
612	Magnaflux Barrel Action	OCT	8 1991	KR
	Magnaflux Bolt	OCT	8 1991	KR
615	Rollmark Caliber	OCT	8 1991	SS
617	Drill and Tap Sight Holes	OCT	8 1991	LB
618	Polish Barrel		10/14/91	WB
620	Apply Coatings (Barrel Action)		11-1-91	HA
	Apply Coating (Bolt)		11-1-91	HA
625	Final Assembly A) Clean inside of Bolt Assembly		11/1/91	KH
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/1/91	KH
	C) Inspect Ejector Hole for Chamfer		11/1/91	KH
	D) Oil Firing Pin Ass'y		11/1/91	KH
	E) Adjust Trigger Pull to Min Setting and Stake		11-4-91	HA

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			11-4-91	JI
	G) Safety Off Force	4	4	4			11-4-91	JI
	H) Trigger Pull Test & Retainability						11-4-91	JI
	I) Firing Pin Indent	1021	1021	1021			11-4-91	JI
	J) Assemble Stock						11/4/91	AC
	K) Assemble Swivel Studs						11-12-91	AC
	L) Attach Front and Rear Sight Assemblies						11/4/91	AC
	M) Iron Sight Alignment						11/4/91	AC
	N) Detach Front & Rear Sights & place in numbered container						11/4/91	AC
	O) Attach Scope to Rifle						11/4/91	AC
	P) Detach & Attach Scope 20 Times						11/4/91	AC
640	Gallery Target & Test						11-5-91	AC
	A) Time						11-5-91	AC
	B) Malfunctions						11-5-91	AC
	C) Pierced Primers						11-5-91	AC
	D) Optical Clarity of Scope						11-5-91	AC
645	Inspect for Live Ammo						11-5-91	AC
655	Final Inspection							
	A) Headspace						11-12-91	AC
	B) Trigger Pull	232	235	234	238	239	11-6-91	DIH
	C) Function						11-12-91	AC
660	Pack						12-19-91	AC

SWS TRIGGER PULL TESTAVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C-6665946DATE 11-4-91TESTER JRP

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.27	2.50	2.48	232	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.63	2.50	2.51	235	
PULL #3	2.34	2.54	2.55	234	
PULL #4	2.60	2.52	2.50	238	
PULL #5	2.54	2.55	2.45	239	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.51	3.52		
PULL #2	3.53	3.52		
PULL #3	3.49	3.55		
PULL #4	3.45	3.45		
PULL #5	3.45	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	4.30	4.13		4.59
PULL #2	4.60	4.60		4.40
PULL #3	4.60	4.60		4.60
PULL #4	4.55	4.50		4.49
PULL #5	4.53	4.59		4.61
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665946
5 Nov 1991

CENTROIDAL DISTANCES

0 TO 1	.260019
1 TO 2	.263549
1 TO 3	.298188
1 TO 4	.140577
1 TO 5	.247542

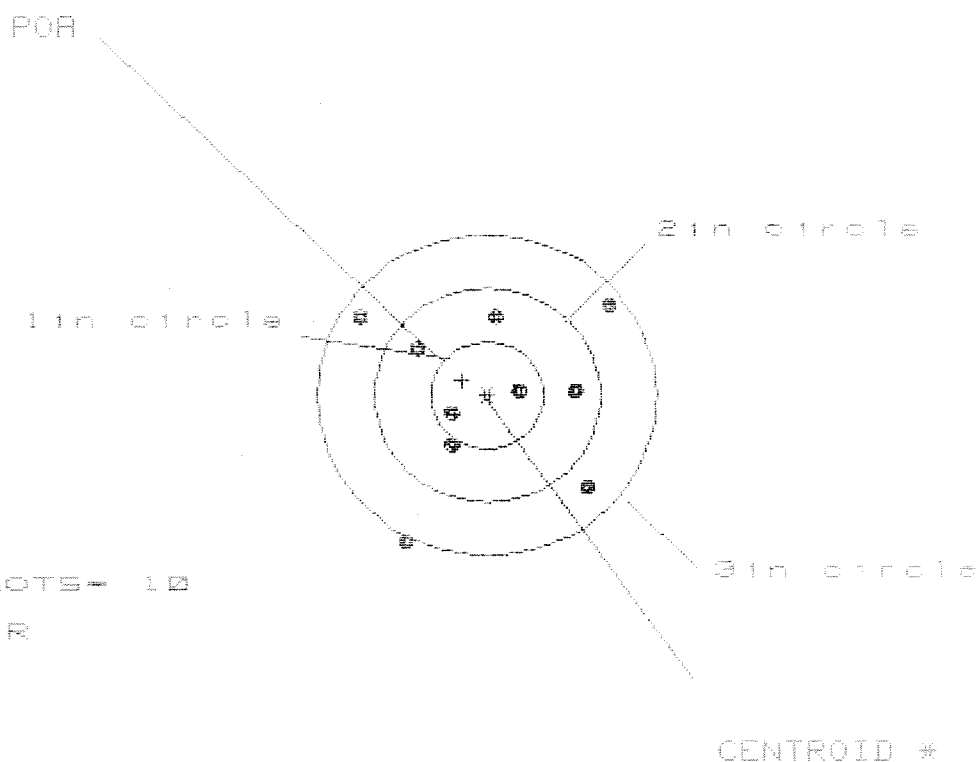
31' <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1914
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0264
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .193214
THE HMR FOR THIS RIFLE IS: 1.027

5 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08665346

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 9

HS= 2.238

VS= 2.178

GS= 2.836

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.095	1.014	.861
MINIMUM X	:	-1.143	-1.224	-.844
MAXIMUM Y	:	.791	.637	.714
MINIMUM Y	:	-1.387	-1.015	-.938
CENTROID X	:	.221	.302	.455
CENTROID Y	:	-.137	.017	-.060
POA TO CENTROID in.	:	.260	.302	.459
MIN RADIUS	:	.286	.230	.059
MEAN RADIUS	:	.906	.824	.735
MAX RADIUS	:	1.564	1.371	1.138
HORIZONTAL SPREAD	:	2.238	2.238	1.705
VERTICAL SPREAD	:	2.178	1.652	1.652
EXTREME SPREAD	:	2.836	2.599	2.003
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	9		

5 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08565348

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 1

2in = 3

3in = 8

CENTROID *

HS= 2.0009

VS= 3.044

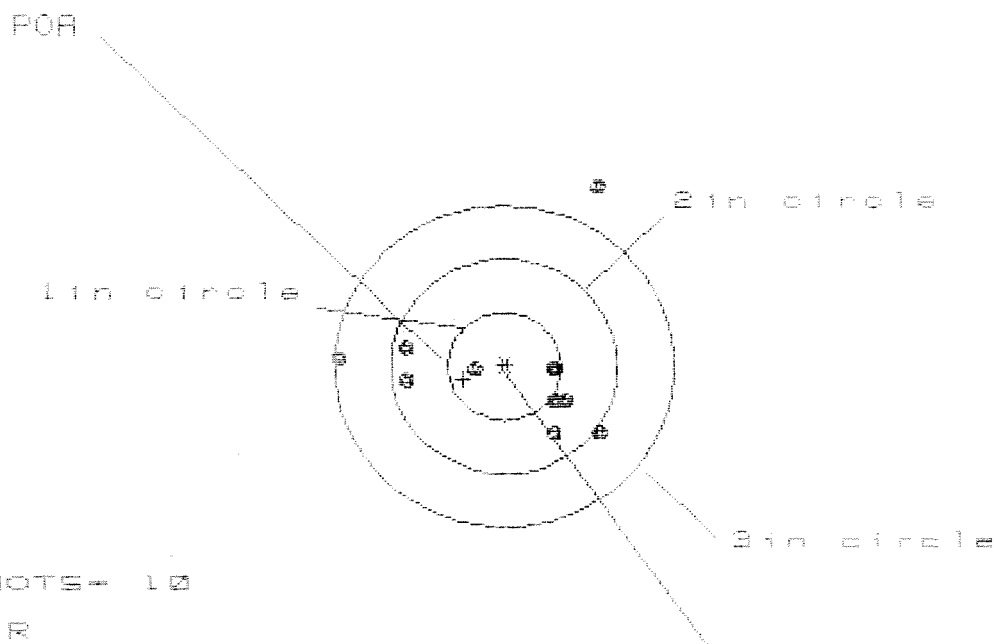
GS= 3.222

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.111	1.011	1.018
MINIMUM X	:	-1.898	-.916	-.909
MAXIMUM Y	:	1.531	1.363	.953
MINIMUM Y	:	-1.513	-1.323	-1.152
CENTROID X	:	.204	.304	.297
CENTROID Y	:	.126	.294	.123
POA TO CENTROID in.	:	.240	.423	.321
MIN RADIUS	:	.189	.286	.277
MEAN RADIUS	:	1.066	.967	.922
MAX RADIUS	:	1.759	1.452	1.298
HORIZONTAL SPREAD	:	2.009	1.927	1.927
VERTICAL SPREAD	:	3.044	2.686	2.105
EXTREME SPREAD	:	3.222	2.756	2.248
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		8	

5 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8865946

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 2

2in = 7

3in = 9

HS= 2.296

VS= 2.354

GS= 2.787

CENTROID #

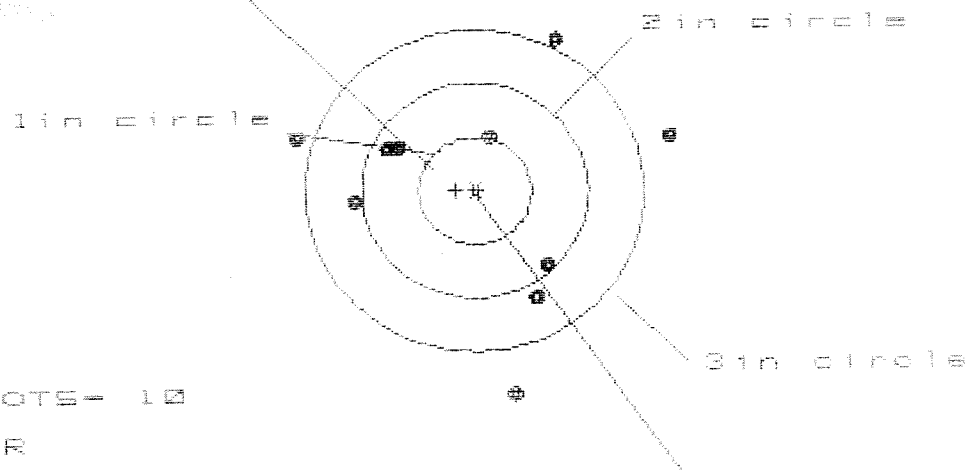
PATTERN #	3		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.858	.952	.784
MINIMUM X	-1.438	-1.344	-.980
MAXIMUM Y	1.700	.411	.447
MINIMUM Y	-.654	-.465	-.429
CENTROID X	.367	.273	.441
CENTROID Y	.123	-.066	-.102
POA TO CENTROID in.	.387	.281	.453
MIN RADIUS	.305	.279	.410
MEAN RADIUS	.888	.758	.645
MAX RADIUS	1.899	1.375	1.047
HORIZONTAL SPREAD	2.296	2.296	1.764
VERTICAL SPREAD	2.354	.876	.876
EXTREME SPREAD	2.787	2.402	1.917
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	

5 Nov 1991

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CENTERFIRE PATTERNS # 4

POR



OF SHOTS= 10

IN CIR

1in = 0

2in = 4

3in = 6

HS= 3.336

VS= 3.245

GS= 3.336

CENTROID *

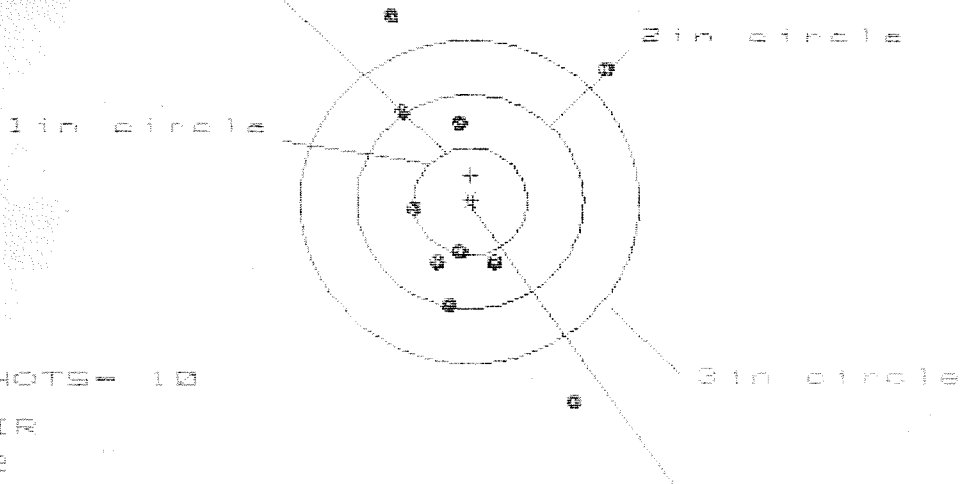
PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.742	1.773	.966
MINIMUM X	-1.594	-1.563	-1.341
MAXIMUM Y	1.396	1.191	1.227
MINIMUM Y	-1.849	-1.213	-1.177
CENTROID X	.170	.139	-.083
CENTROID Y	-.006	.199	.163
POR TO CENTROID in.	.170	.243	.183
MIN RADIUS	.544	.373	.443
MEAN RADIUS	1.226	1.126	1.005
MAX RADIUS	1.870	1.797	1.561
HORIZONTAL SPREAD	3.336	3.336	2.307
VERTICAL SPREAD	3.245	2.404	2.404
EXTREME SPREAD	3.336	3.336	2.631
NUMBER IN ONE INCH CIRCLE	= 0		
NUMBER IN TWO INCH CIRCLE	= 4		
NUMBER IN THREE INCH CIRCLE	= 6		

5 May 1991

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CENTERFIRE PATTERNS # 5

POR



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 7

HS= 1.878

VS= 3.574

GS= 3.987

CENTROID #

PATTERN #	5	6	7
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.233	1.336	1.268
MINIMUM X	-.645	-.542	-.543
MAXIMUM Y	1.783	1.495	1.286
MINIMUM Y	-1.871	-1.158	-.971
CENTROID X	-.005	-.108	-.040
CENTROID Y	-.238	-.030	-.217
POR TO CENTROID in.	.238	.112	.221
MIN RADIUS	.423	.467	.431
MEAN RADIUS	1.050	.940	.821
MAX RADIUS	2.090	1.681	1.751
HORIZONTAL SPREAD	1.878	1.878	1.812
VERTICAL SPREAD	3.574	2.653	2.177
EXTREME SPREAD	3.987	2.686	2.622
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		7	