

BARBER - M24 0101260

FORM

UPC



0 47700 25716 7

066655682

*INCLUDES 1 IN CHAMBER

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0101260 01299

MODEL 700 TM M24

ORDER NO.	5716
BARREL LENGTH	
CAPACITY*	

BARBER - M24 0101262

Remington



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

MODEL 700TM M24

SERIAL NO.
C6665682

ORDER NO.
5716

20

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



5716 C6665682

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 # C6665682

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	JS
617	Drill and Tap Sight Holes	OCT	4 1991	FB
618	Polish Barrel		10/8/91	WB
620	Apply Coatings (Barrel Action)		10-22-91	TS
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/22/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/22/91	RW
	C) Inspect Ejector Hole for Chamfer		10/20/91	RW
	D) Oil Firing Pin Ass'y		10/22/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		10/23/91	JS

op. #	BARBER - M24 0101264 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			10/23/91	JU
	G) Safety Off Force	3	3	3			10/23/91	JU
	H) Trigger Pull Test & Retainability						10/23/91	JU
	I) Firing Pin Indent	1021	1021	1021			10/23/91	JU
	J) Assemble Stock						10/24/91	RW
	K) Assemble Swivel Studs						11-12-91	AC
	L) Attach Front and Rear Sight Assemblies						10/24/91	RW
	M) Iron Sight Alignment						10/24/91	RW
	N) Detach Front & Rear Sights & place in numbered container						10/24/91	RW
	O) Attach Scope to Rifle						10/24/91	RW
	P) Detach & Attach Scope 20 Times						10/24/91	RW
640	Gallery Target & Test						10-25-91	AC
	A) Time						10-25-91	AC
	B) Malfunctions						10-25-91	AC
	C) Pierced Primers						10-25-91	AC
	D) Optical Clarity of Scope						10-25-91	AC
645	Inspect for Live Ammo						10-25-91	AC
655	Final Inspection							
	A) Headspace						11-12-91	AC
	B) Trigger Pull	232	225	204	201	205	10-30-91	D/H
	C) Function						11-12-91	AC
660	Pack						12-18-91	AC

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO C-6645682

DATE 10/23/91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.44	2.19	2.41	2.32	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.39	2.39	2.42	2.75	
PULL #3	2.52	2.35	2.39	2.04	
PULL #4	2.48	2.35	2.50	2.01	
PULL #5	2.37	2.38	2.46	2.05	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.31	3.18		
PULL #2	3.25	3.24		
PULL #3	3.22	3.61		
PULL #4	3.20	3.59		
PULL #5	3.25	3.64		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.27	4.23		4.18
PULL #2	4.20	4.31		4.39
PULL #3	4.22	4.42		4.38
PULL #4	4.30	4.43		4.61
PULL #5	4.25	4.37		4.38
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06665682
25 Oct 1991

CENTROIDAL DISTANCES

0 TO	1	.490887
1 TO	2	.400451
1 TO	3	.440836
1 TO	4	.722696
1 TO	5	.550616

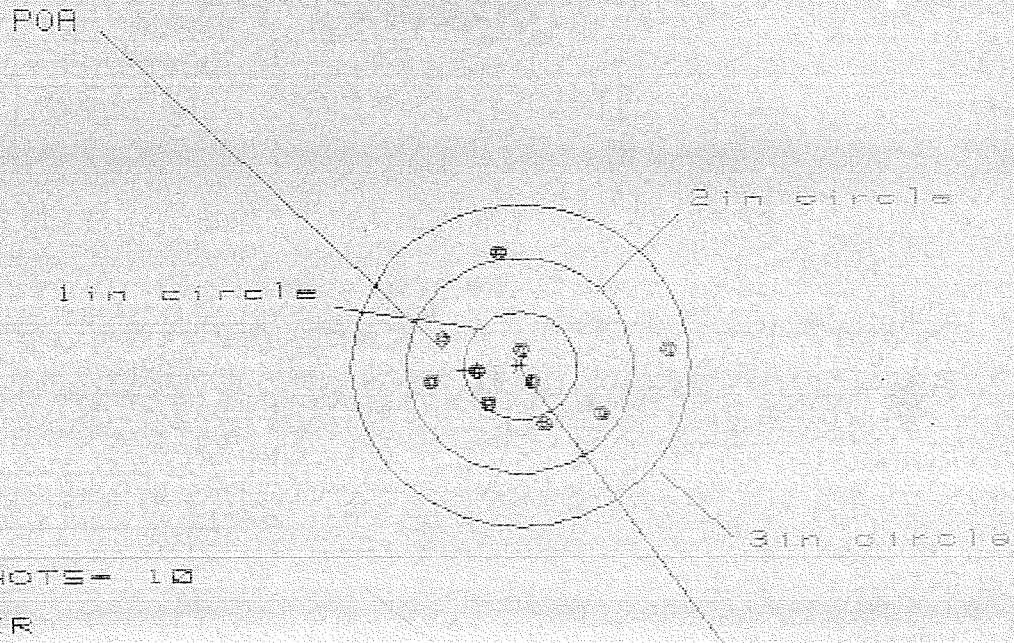
X----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1258
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.172
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .213095
THE AMR FOR THIS RIFLE IS: .8600

25 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6865682

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1in = 4

2in = 8

3in = 10

HS = 2.149

VS = 1.608

GS = 2.174

CENTROID #

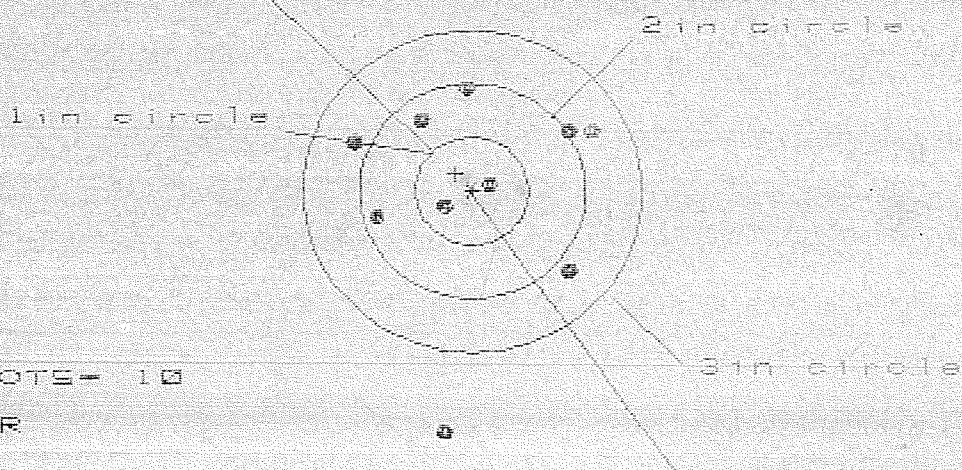
PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.335	.837	.832
MINIMUM X	:	-.814	-.665	-.670
MAXIMUM Y	:	1.026	1.045	.430
MINIMUM Y	:	-.582	-.563	-.432
CENTROID X	:	.489	.340	.345
CENTROID Y	:	.043	.024	-.107
POA TO CENTROID in.	:	.491	.341	.361
MIN RADIUS	:	.141	.197	.235
MEAN RADIUS	:	.647	.553	.484
MAX RADIUS	:	1.346	1.046	.868
HORIZONTAL SPREAD	:	2.149	1.502	1.502
VERTICAL SPREAD	:	1.608	1.608	.862
EXTREME SPREAD	:	2.174	1.672	1.521
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

25 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/080656B2

CENTERFIRE PATTERNS # 2

POB



OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 9

HS= 2.147

VS= 3.198

GS= 3.201

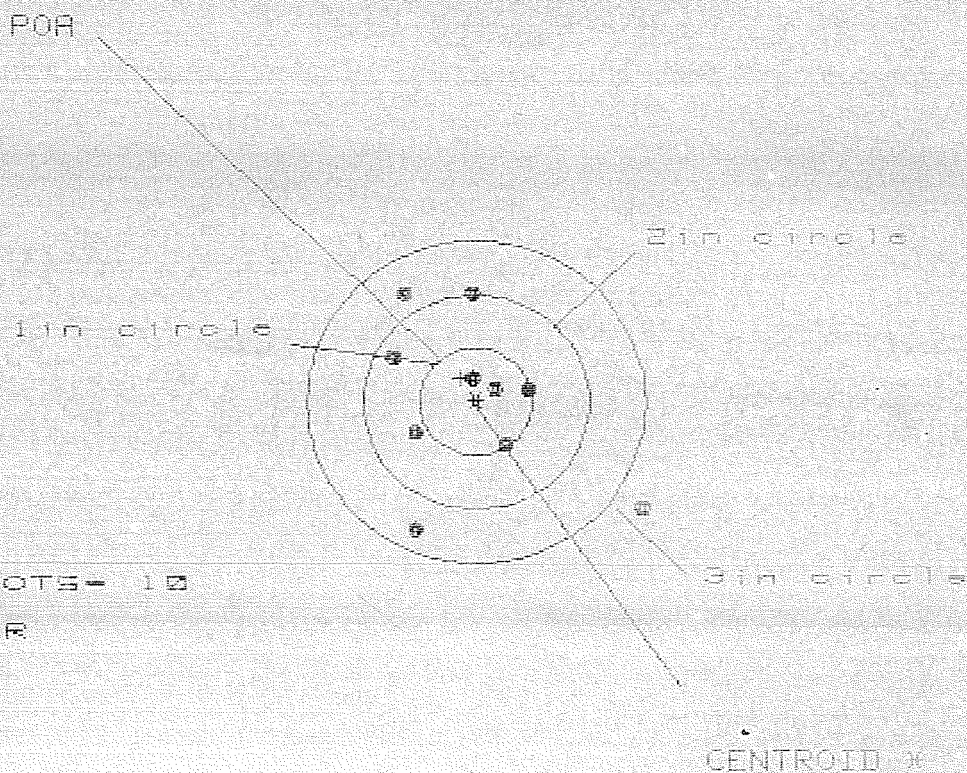
CENTROID *

PATTERN #	:	2	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.088	1.065	.964
MINIMUM X	:	-1.060	-1.082	-.949
MAXIMUM Y	:	.964	.716	.754
MINIMUM Y	:	-2.234	-.943	-.905
CENTROID X	:	.145	.168	.035
CENTROID Y	:	-.162	.086	.048
POB TO CENTROID in.	:	.218	.189	.060
MIN RADIUS	:	.138	.252	.310
MEAN RADIUS	:	.982	.825	.773
MAX RADIUS	:	2.243	1.257	1.322
HORIZONTAL SPREAD	:	2.147	2.147	1.913
VERTICAL SPREAD	:	3.198	1.659	1.659
EXTREME SPREAD	:	3.201	2.256	2.256
NUMBER IN ONE INCH CIRCLE =	:		2	
NUMBER IN TWO INCH CIRCLE =	:		5	
NUMBER IN THREE INCH CIRCLE =	:		9	

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FILE:/PATTERNING/CENTERFIRE_PATT/08685682

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 7

3 in = 9

HS= 2.207

VS= 2.171

GS= 2.863

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.494	.655	.604
MINIMUM X	:	-.713	-.547	-.598
MAXIMUM Y	:	.986	.877	.716
MINIMUM Y	:	-1.185	-1.294	-.612
CENTROID X	:	.133	-.033	.018
CENTROID Y	:	-.217	-.108	.053
POA TO CENTROID in.	:	.255	.113	.057
MIN RADIUS	:	.186	.206	.104
MEAN RADIUS	:	.796	.681	.577
MAX RADIUS	:	1.788	1.357	.856
HORIZONTAL SPREAD	:	2.207	1.202	1.262
VERTICAL SPREAD	:	2.171	2.171	1.327
EXTREME SPREAD	:	2.863	2.231	1.564
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

25 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/000856B2

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS = 10

IN CIR

1 in = 2

2 in = 8

3 in = 9

HS = 2.729

VS = 2.891

GS = 3.441

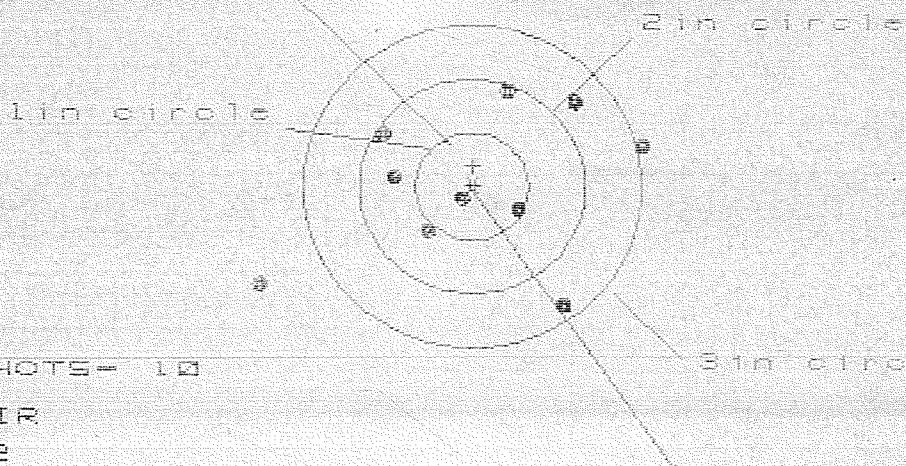
PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.850	.641	.613
MINIMUM X	-1.879	-.935	-.963
MAXIMUM Y	1.167	.975	.690
MINIMUM Y	-1.724	-.978	-.856
CENTROID X	-.130	.079	.107
CENTROID Y	-.330	-.138	-.260
POA TO CENTROID in.	.354	.159	.281
MIN RADIUS	.184	.085	.041
MEAN RADIUS	.860	.599	.537
MAX RADIUS	2.551	1.034	.967
HORIZONTAL SPREAD	2.729	1.576	1.576
VERTICAL SPREAD	2.891	1.953	1.546
EXTREME SPREAD	3.441	2.031	1.631
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		9	

25 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/CBB85682

CENTERFIRE PATTERNS # 5

POB



OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 3.415

VS= 1.963

GS= 3.684

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.509	1.298	.892
MINIMUM X	:	-1.906	-1.044	-.882
MAXIMUM Y	:	.905	.799	.840
MINIMUM Y	:	-1.058	-1.164	-1.123
CENTROID X	:	-.008	.203	.041
CENTROID Y	:	-.194	-.098	-.129
POB TO CENTROID in.	:	.194	.222	.136
MIN RADIUS	:	.193	.393	.264
MEAN RADIUS	:	1.019	.907	.822
MAX RADIUS	:	2.129	1.338	1.364
HORIZONTAL SPREAD	:	3.415	2.342	1.774
VERTICAL SPREAD	:	1.963	1.963	1.963
EXTREME SPREAD	:	3.684	2.343	2.278
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	