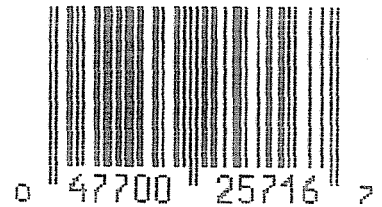


BARBER - M24 0101788

Small
©

FORM

UPC



6665725

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0101788 M2400101827

MODEL 700 TM M24

ORDER NO.	5716
BARREL LENGTH	
CAPACITY	

Remington



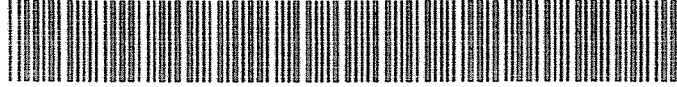
VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

MODEL 700 TM M24

SERIAL NO.
C6665725

ORDER NO.
5716

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



5716 C6665725

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 #

C 6665725

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			RW
610	Dis-assemble Gun			RW
612	Magnaflux Barrel Action	10/1/91 OCT	31 4 1991	KR
	Magnaflux Bolt	OCT	4 1991	KR
615	Rollmark Caliber	OCT	4 1991	LS
617	Drill and Tap Sight Holes	OCT	4 1991	LS
618	Polish Barrel		10/8/91	WB
620	Apply Coatings (Barrel Action)		10-22-91	JA
	Apply Coating (Bolt)		10-22-91	JA
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		10/22/91	RW
	D) Oil Firing Pin Ass'y		10/22/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		10/25/91	JA

op. BARBER - M24 10101792		READINGS			DATE	INIT		
625 cont.	F) Safety On Force	4	4	4	10/25/91	JH		
	G) Safety Off Force	3	3	3	10/25/91	JH		
	H) Trigger Pull Test & Retainability				10/25/91	JH		
	I) Firing Pin Indent	.021	.0205	.0205	10/25/91	JH		
	J) Assemble Stock				10/25/91	RW		
	K) Assemble Swivel Studs				10-30-91	A		
	L) Attach Front and Rear Sight Assemblies				10/25/91	RW		
	M) Iron Sight Alignment				10/25/91	RW		
	N) Detach Front & Rear Sights & place in numbered container				10/25/91	RW		
	O) Attach Scope to Rifle				10/25/91	RW		
	P) Detach & Attach Scope 20 Times				10/25/91	RW		
640	Gallery Target & Test				10/25/91	KT		
	A) Time					KT		
	B) Malfunctions					KT		
	C) Pierced Primers					KT		
	D) Optical Clarity of Scope					KT		
645	Inspect for Live Ammo				10/25/91	KT		
655	Final Inspection							
	A) Headspace				10-30-91	A		
	B) Trigger Pull	2.11	2.40	2.38	2.35	2.26	10-29-91	DH
	C) Function						10-30-91	A
660	Pack						12-11-91	N

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO 0-6665725

DATE 10/25/91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.26	2.27	2.46	2.11	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.48	2.38	2.48	2.40	
PULL #3	2.54	2.44	2.38	2.38	
PULL #4	2.57	2.31	2.47	2.35	
PULL #5	2.22	2.37	2.50	2.26	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.27	3.53		
PULL #2	3.47	3.52		
PULL #3	3.40	3.50		
PULL #4	3.59	3.49		
PULL #5	3.53	3.53		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.41	4.43		4.48
PULL #2	4.23	4.39		4.40
PULL #3	4.18	4.38		4.43
PULL #4	4.34	4.46		4.44
PULL #5	4.27	4.29		4.42
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665725
25 Oct 1991

CENTROIDAL DISTANCES

0 TO 1	.0331059
1 TO 2	.0631348
1 TO 3	.193041
1 TO 4	.129449
1 TO 5	.245734

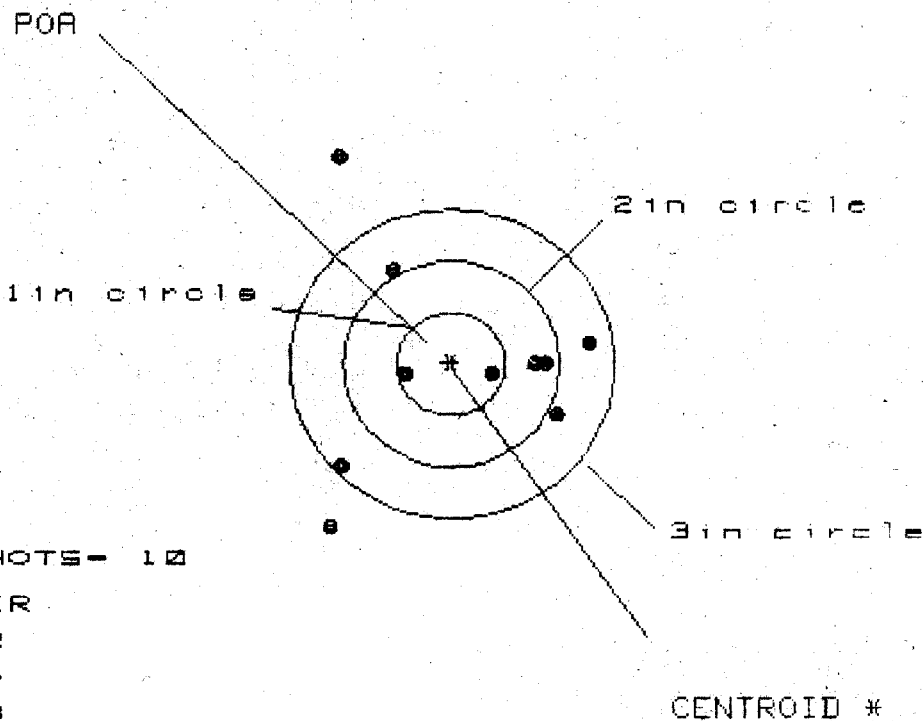
5
X ---- POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0534
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0504
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0734283
THE AMR FOR THIS RIFLE IS: 1.007

25 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665725

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1in = 2

2in = 4

3in = 8

HS = 2.380

VS = 3.523

GS = 3.526

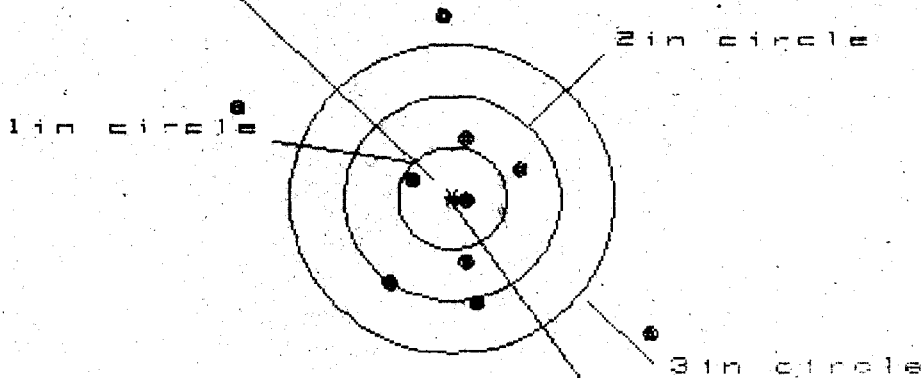
PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.229	1.116	.958
MINIMUM X	-1.151	-1.264	-1.285
MAXIMUM Y	1.987	1.111	.947
MINIMUM Y	-1.536	-1.316	-.906
CENTROID X	.030	.143	.301
CENTROID Y	-.014	-.234	-.070
POA TO CENTROID in.	.033	.275	.309
MIN RADIUS	.372	.286	.095
MEAN RADIUS	1.148	1.001	.832
MAX RADIUS	2.232	1.825	1.573
HORIZONTAL SPREAD	2.380	2.380	2.243
VERTICAL SPREAD	3.523	2.427	1.853
EXTREME SPREAD	3.526	2.973	2.548
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		8	

25 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/CG665725

CENTERFIRE PATTERNS # 2

POA



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 5

3 in = 7

HS = 3.788

VS = 3.087

GS = 4.374

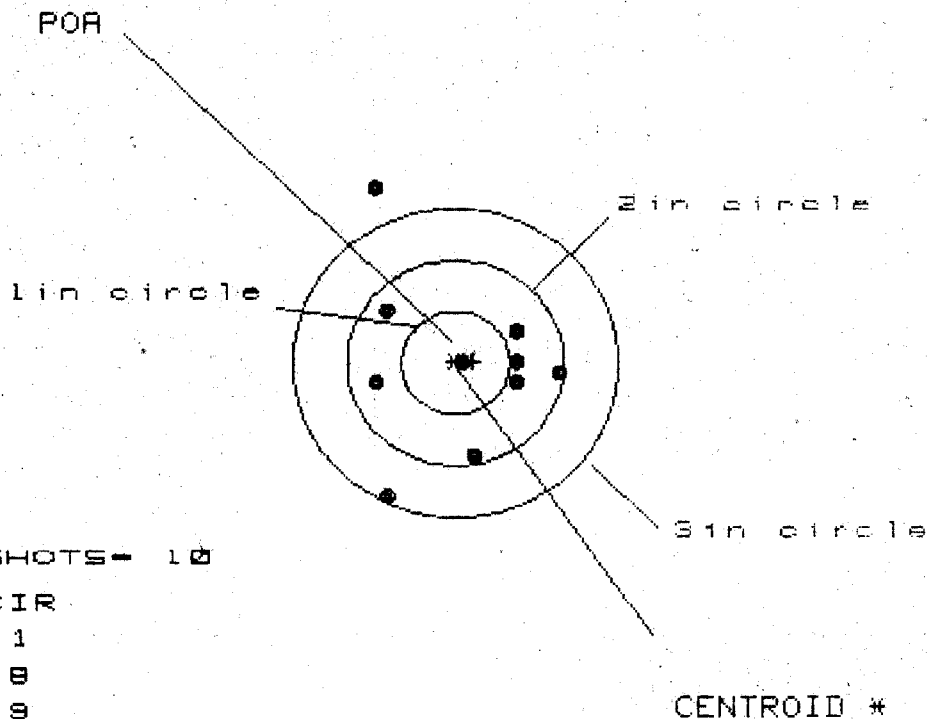
CENTROID *

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.799	.795	.572
MINIMUM X	:	-1.989	-1.790	-.629
MAXIMUM Y	:	1.772	1.626	1.717
MINIMUM Y	:	-1.315	-1.155	-1.064
CENTROID X	:	-.025	-.224	-.001
CENTROID Y	:	.017	.163	.072
POA TO CENTROID in.	:	.030	.277	.072
MIN RADIUS	:	.143	.152	.129
MEAN RADIUS	:	1.055	.938	.767
MAX RADIUS	:	2.228	1.931	1.718
HORIZONTAL SPREAD	:	3.788	2.585	1.201
VERTICAL SPREAD	:	3.087	2.781	2.781
EXTREME SPREAD	:	4.374	2.914	2.795
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

25 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6685725

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1 in - 1

2 in - 8

3 in - 9

HS - 1.666

VS - 3.023

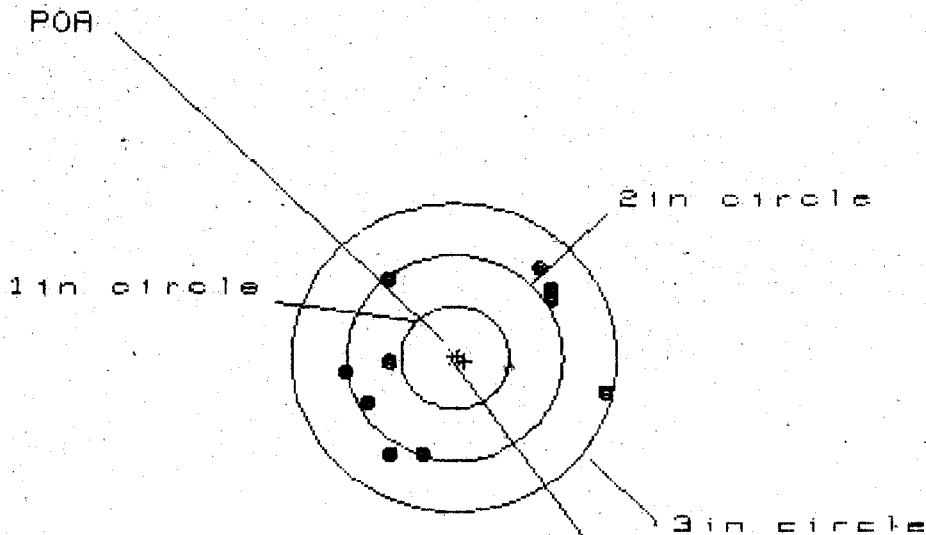
GS - 3.026

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.915	.833	.747
MINIMUM X	-.751	-.833	-.919
MAXIMUM Y	1.714	.732	.592
MINIMUM Y	-1.309	-1.119	-.816
CENTROID X	-.163	-.081	.005
CENTROID Y	-.010	-.200	-.060
POA TO CENTROID in.	.164	.216	.061
MIN RADIUS	.099	.221	.110
MEAN RADIUS	.854	.727	.610
MAX RADIUS	1.868	1.314	1.005
HORIZONTAL SPREAD	1.666	1.666	1.666
VERTICAL SPREAD	3.023	1.851	1.408
EXTREME SPREAD	3.026	2.009	1.686
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		9	

25 Oct 1991

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 0

2in = 6

3in = 10

HS= 2.371

VS= 1.829

GS= 2.385

CENTROID *

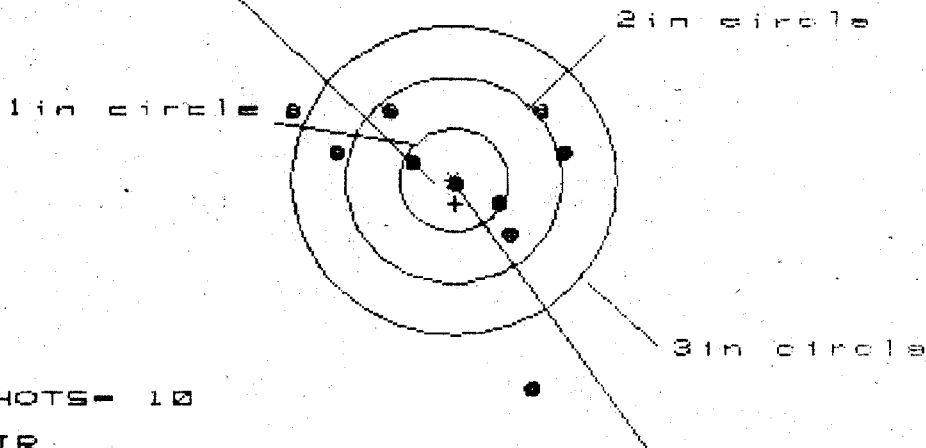
PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.399	1.023	1.147
MINIMUM X	-.972	-.816	-.693
MAXIMUM Y	.980	.861	.831
MINIMUM Y	-.929	-.968	-.861
CENTROID X	-.091	-.247	-.370
CENTROID Y	.032	.071	-.036
POA TO CENTROID in.	.097	.257	.372
MIN RADIUS	.641	.494	.358
MEAN RADIUS	1.032	.958	.871
MAX RADIUS	1.442	1.313	1.339
HORIZONTAL SPREAD	2.371	1.839	1.839
VERTICAL SPREAD	1.829	1.829	1.691
EXTREME SPREAD	2.385	2.356	2.170
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		10	

25 Oct 1991

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CENTERFIRE PATTERNS # 5

POA



OF SHOTS - 10

IN CIR

1in - 3

2in - 5

3in - 8

HS - 2.494

VS - 2.712

GS - 3.460

CENTROID #

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.031	1.107	.934
MINIMUM X	-1.463	-1.387	-1.132
MAXIMUM Y	.684	.459	.512
MINIMUM Y	-2.028	-.707	-.650
CENTROID X	-.018	-.094	.079
CENTROID Y	.227	.452	.395
POA TO CENTROID in.	.227	.462	.403
MIN RADIUS	.075	.258	.268
MEAN RADIUS	.947	.815	.720
MAX RADIUS	2.141	1.461	1.134
HORIZONTAL SPREAD	2.494	2.494	2.066
VERTICAL SPREAD	2.712	1.166	1.162
EXTREME SPREAD	3.460	2.523	2.067
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		8	