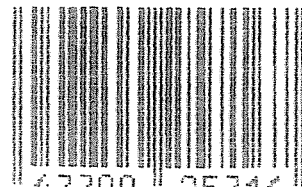


BARBER - M24 0103449

Sneak

FORM

UPC



0 47700 25716 7

06665862

CAPACITY
*INCLUDES 1 IN CHAMBER

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0103449 M2400103488

MODEL 700 TM M24

ORDER NO.

5716

Remington



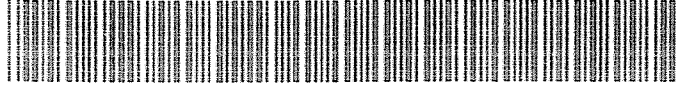
VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

MODEL 700 TM M24

SERIAL NO.
C6665862

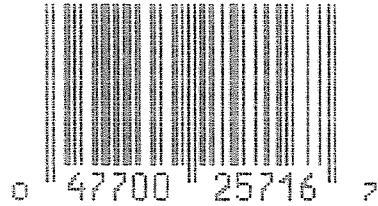
ORDER NO.
5716

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



5716 C6665862

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 #

C6665862

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		9/25/91	KL
600	Proof		9/25/91	KL
607	Check Headspace		9/25/91	KL
610	Dis-assemble Gun		9/25/91	KL
612	Magnaflux Barrel Action	OCT 2 1991		KR
	Magnaflux Bolt	OCT 2 1991		KR
615	Rollmark Caliber	OCT 2 1991		LS
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	KL
	Apply Coating (Bolt)			KL
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	6	6	6			10/24/91	JK
	G) Safety Off Force	4	4	4			10/29/91	JK
	H) Trigger Pull Test & Retainability						10/29/91	JK
	I) Firing Pin Indent	.0205	.0215	.0215			10/29/91	JK
	J) Assemble Stock						10/29/91	JK
	K) Assemble Swivel Studs						11-12-91	JK
	L) Attach Front and Rear Sight Assemblies						10/29/91	JK
	M) Iron Sight Alignment						10/29/91	JK
	N) Detach Front & Rear Sights & place in numbered container						10/29/91	JK
	O) Attach Scope to Rifle						10/29/91	JK
	P) Detach & Attach Scope 20 Times						10/29/91	JK
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	264	271	272	272	278	11-5-91	DH
	C) Function						11-12-91	AC
660	Pack						12-17-91	JK

AVERAGE PULL FORCE BETWEEN
 INITIAL & CYCLE TESTS
 2.50# ± .50#
 3.00# ± .75#
 4.00# ± 1.00#

SERIAL NO. C-6665862DATE 10/29/91TESTER JCP

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.45	2.48	2.55	264	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.48	2.25	2.49	271	
PULL #3	2.47	2.26	2.46	272	
PULL #4	2.46	2.46	2.50	272	
PULL #5	2.47	2.50	2.53	278	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.34	3.28		
PULL #2	3.34	3.54		
PULL #3	3.35	3.56		
PULL #4	3.29	3.25		
PULL #5	3.26	3.61		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.57	4.34		4.32
PULL #2	4.28	4.19		4.23
PULL #3	4.33	4.31		4.41
PULL #4	4.25	4.25		4.24
PULL #5	4.21	4.35		4.31
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06665862
31 Oct 1991

CENTROIDAL DISTANCES

0 TO	1	.366191
1 TO	2	.325466
1 TO	3	.429773
1 TO	4	.714631
1 TO	5	.38486

4
3
5 <----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0834
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0394
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0922384
THE AMR FOR THIS RIFLE IS: .9154

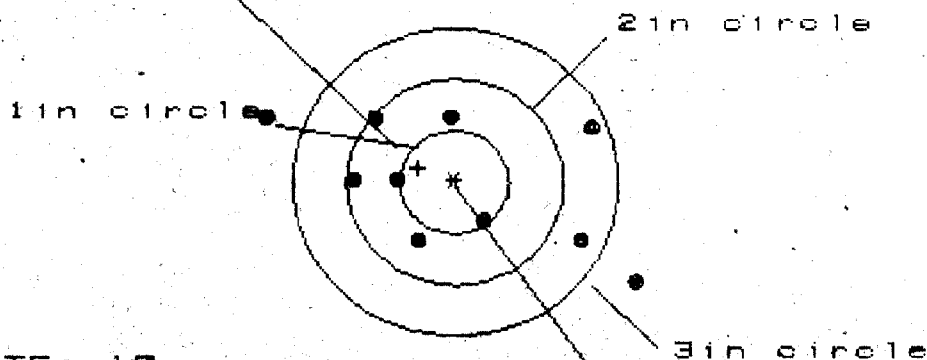
31 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665862

CENTERFIRE PATTERNS

1

POA



OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 8

HS= 3.378

VS= 1.654

GS= 3.761

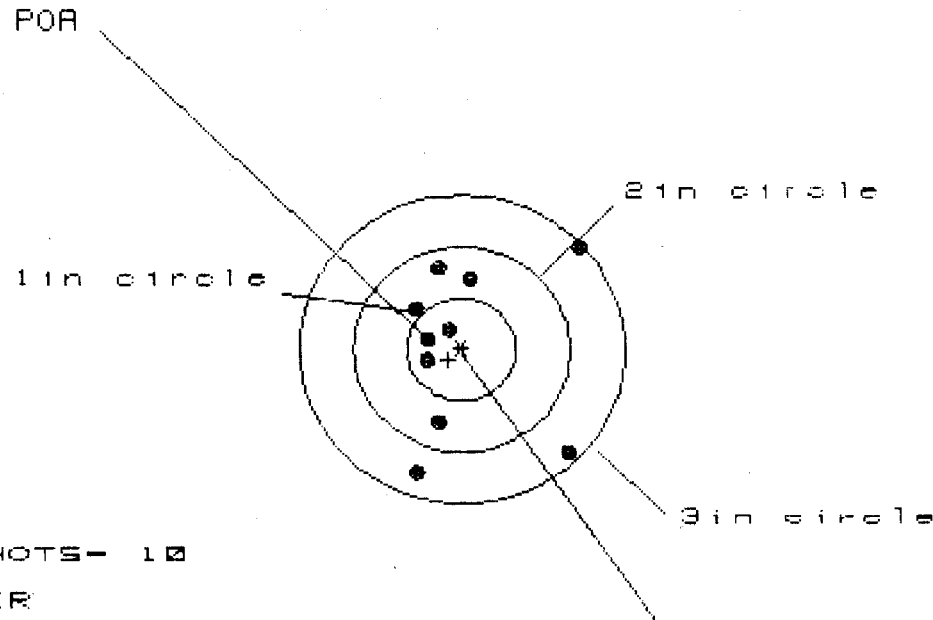
PATTERN #	:			
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.632	1.402	1.206
MINIMUM X	:	-1.746	-1.564	-.915
MAXIMUM Y	:	.659	.548	.609
MINIMUM Y	:	-.996	-.694	-.626
CENTROID X	:	.340	.158	.354
CENTROID Y	:	-.136	-.025	-.093
POA TO CENTROID in.	:	.366	.160	.366
MIN RADIUS	:	.450	.341	.481
MEAN RADIUS	:	1.042	.915	.833
MAX RADIUS	:	1.912	1.658	1.285
HORIZONTAL SPREAD	:	3.378	2.966	2.121
VERTICAL SPREAD	:	1.654	1.242	1.235
EXTREME SPREAD	:	3.761	3.127	2.201
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/C6665862

CENTERFIRE PATTERNS

2



OF SHOTS- 10

IN CIR

1in - 3

2in - 7

3in - 10

HS- 1.467

VS- 2.233

GS- 2.671

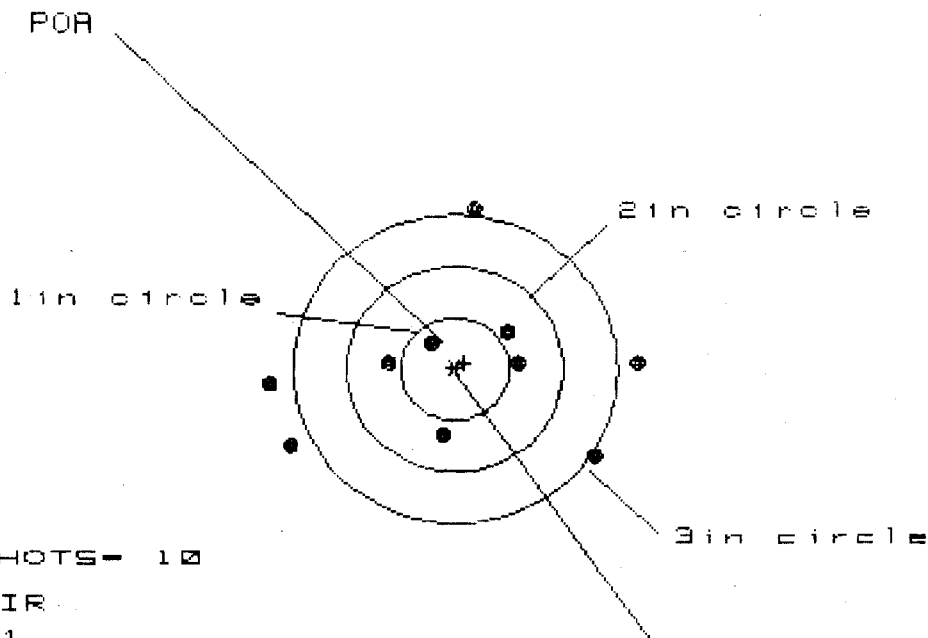
CENTROID #

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.035	1.121	.300
MINIMUM X	-.432	-.317	-.177
MAXIMUM Y	1.024	.865	.751
MINIMUM Y	-1.209	-1.095	-1.209
CENTROID X	.118	.003	-.137
CENTROID Y	.102	-.012	.102
POA TO CENTROID in.	.156	.012	.171
MIN RADIUS	.217	.170	.128
MEAN RADIUS	.788	.694	.543
MAX RADIUS	1.456	1.444	1.222
HORIZONTAL SPREAD	1.467	1.438	.477
VERTICAL SPREAD	2.233	1.960	1.960
EXTREME SPREAD	2.671	2.183	1.967
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

31 Oct 1991

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 5

HS = 3.345

VS = 2.400

GS = 3.347

CENTROID *

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.655	1.488	1.256
MINIMUM X	-1.690	-1.857	-1.053
MAXIMUM Y	1.574	1.487	1.464
MINIMUM Y	-.826	-.913	-.936
CENTROID X	-.083	.084	.316
CENTROID Y	-.060	.027	.051
POA TO CENTROID in.	.103	.088	.320
MIN RADIUS	.317	.388	.214
MEAN RADIUS	1.090	1.005	.877
MAX RADIUS	1.696	1.866	1.487
HORIZONTAL SPEED	3.345	3.345	2.609
VERTICAL SPEED	2.400	2.400	2.400
EXTREME SPEED	3.347	3.347	2.659
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	5		

31 Oct 1991

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CENTERFIRE PATTERNS

4

POR

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR.

1in - 4

2in - 6

3in = 10

HS= 2.319

VS= 1.850

GS= 2.572

CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.014	.870	.968
MINIMUM X	-1.304	-.857	-.759
MAXIMUM Y	1.000	1.046	.945
MINIMUM Y	-.851	-.804	-.689
CENTROID X	-.147	-.002	-.100
CENTROID Y	-.387	-.433	-.332
POR TO CENTROID in.	.413	.433	.347
MIN RADIUS	.041	.133	.032
MEAN RADIUS	.738	.675	.595
MAX RADIUS	1.369	1.127	.971
HORIZONTAL SPREAD	2.319	1.727	1.727
VERTICAL SPREAD	1.850	1.850	1.634
EXTREME SPREAD	2.572	2.120	1.766
NUMBER IN ONE INCH CIRCLE	4		
NUMBER IN TWO INCH CIRCLE	6		
NUMBER IN THREE INCH CIRCLE	10		

31 Oct 1991

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CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

OF SHOTS - 10

IN CIR.

1in = 2

2in = 6

3in = 10

HS = 2.141

VS = 2.636

GS = 2.673

CENTROID *

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM	:	.768	.809	.642
MINIMUM	:	-1.373	-1.332	-1.468
MAXIMUM	:	1.184	1.024	1.004
MINIMUM	:	-1.446	-1.338	-1.328
CENTROID	:	.189	.148	.315
CENTROID	:	-.490	-.330	-.340
POA TO CENTROID	:	.525	.361	.463
MIN RANGE	:	.340	.330	.380
MEAN RANGE	:	.919	.809	.763
MAX RANGE	:	1.491	1.404	1.352
HORIZONTAL OFF-SET	:	2.141	2.141	1.110
VERTICAL OFF-SET	:	2.636	2.362	2.302
EXTREMUM RANGE	:	2.673	2.412	2.412
NUMBER OF SHOTS IN 1 INCH CIRCLE	:	2		
NUMBER OF SHOTS IN 2 INCH CIRCLE	:	6		
NUMBER OF SHOTS IN 3 INCH CIRCLE	:	10		