

FORN

UPC



0 47700 25716 7

C6665944

*INCLUDES 1 IN CHAMBER

CAPACITY*

CARREL LENGTH

MODEL 700 TM M24

ORDER NO. 5716

BARBER - M24 0104330

Remington



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

MODEL 700TM M24

SERIAL NO.

C6665944

ORDER NO.

5716

20

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



5716 C6665944

ORDER 5716

MODEL 700TM M24

UPC

ORDER 5716

MODEL 700TM M24

UPC



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GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6665944

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		9/27/91	KH
600	Proof		9/27/91	KH
607	Check Headspace		9/27/91	KH
610	Dis-assemble Gun		9/27/91	KH
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	FB
618	Polish Barrel		OCT 4 1991	WB
620	Apply Coatings (Barrel Action)		10-18-91	KH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/21/91	KH
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/21/91	KH
	C) Inspect Ejector Hole for Chamfer		11/21/91	KH
	D) Oil Firing Pin Ass'y		11/21/91	KH
	E) Adjust Trigger Pull to Min Setting and Stake		11-22-91	KH

op. #	OP NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			11-22-91	SL
	G) Safety Off Force	3	3	3			11-22-91	SL
	H) Trigger Pull Test & Retainability						11-22-91	SL
	I) Firing Pin Indent	.0205	.0205	.0205			11-22-91	SL
	J) Assemble Stock						11-22-91	SL
	K) Assemble Swivel Studs						11-27-91	D/H
	L) Attach Front and Rear Sight Assemblies						11-22-91	SL
	M) Iron Sight Alignment						11-22-91	SL
	N) Detach Front & Rear Sights & place in numbered container						11-22-91	SL
	O) Attach Scope to Rifle						11-22-91	SL
	P) Detach & Attach Scope 20 Times						11-22-91	SL
640	Gallery Target & Test						11-25-91	AC
	A) Time						11-25-91	AC
	B) Malfunctions						11-25-91	AC
	C) Pierced Primers						11-25-91	AC
	D) Optical Clarity of Scope						11-25-91	AC
645	Inspect for Live Ammo						11-25-91	AC
655	Final Inspection							
	A) Headspace						11-27-91	D/H
	B) Trigger Pull	234	247	247	247	257	11-26-91	D/H
	C) Function						11-27-91	D/H
660	Pack						12-19-91	N

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C-6668944

DATE 11-22-91

TESTER JLI

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.53	2.56	2.52	2.34	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.53	2.42	2.50	2.47	
PULL #3	2.51	2.49	2.54	2.47	
PULL #4	2.57	2.55	2.58	2.47	
PULL #5	2.57	2.59	2.51	2.57	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.60	3.44		
PULL #2	3.58	3.56		
PULL #3	3.65	3.59		
PULL #4	3.61	3.60		
PULL #5	3.39	3.60		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.36	4.34		4.28
PULL #2	4.41	4.47		4.44
PULL #3	4.47	4.46		4.26
PULL #4	4.32	4.35		4.50
PULL #5	4.36	4.48		4.44
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06665944
25 Nov 1991

CENTROIDAL DISTANCES

0 TO	1	.428813
1 TO	2	.592049
1 TO	3	.666821
1 TO	4	.634476
1 TO	5	.25134

$\frac{4}{3 \times 10^4}$ <----POB

ADJUTE FOR THIS RIFLE IS: -.0378
ADJUTE FOR THIS RIFLE IS: .1836
POI RADIUS FOR THIS RIFLE IS: .187451
15: .984

031

FILE: PATTERNING/CENTERFIRE_PATT/08060914

CENTERFIRE PATTERNS # 1

FOR

1 in circle

2 in circle

2 in circle

OF SHOTS = 10

IN CIR

1 in = 2

2 in = 5

3 in = 7

= 2.777

3.392

3.634

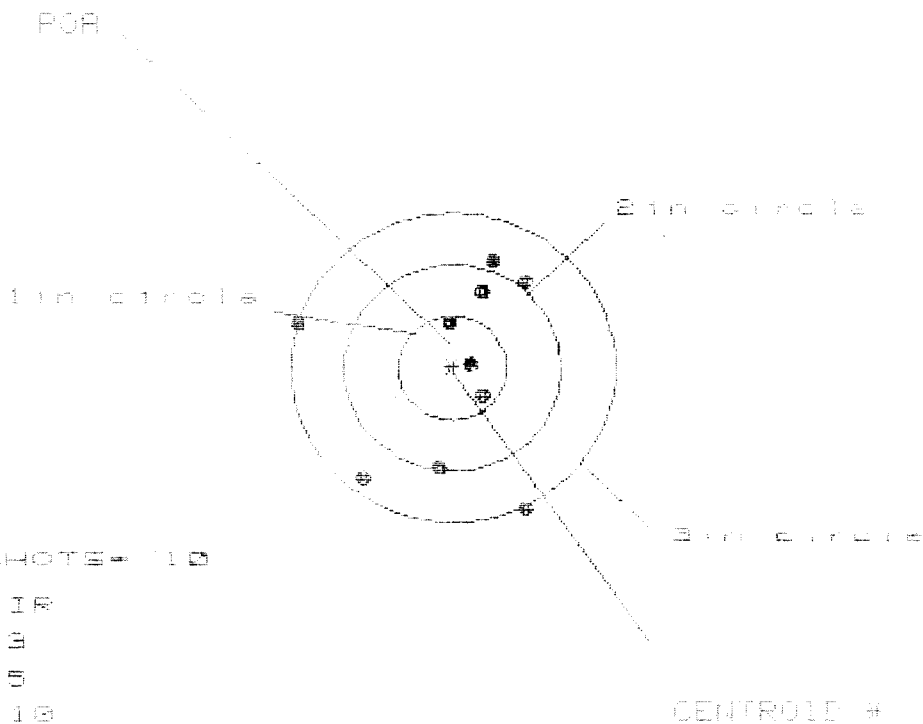
CENTR. CL =

	10	9	8
	1.717	1.113	1.249
	-1.060	-1.869	-1.793
	1.811	1.742	1.569
	-1.581	-1.380	-1.871
	.341	.150	.014
	.260	.059	.231
	.429	.161	.232
	.317	.138	.255
	1.121	.881	.785
	2.496	2.057	2.086
	2.777	1.982	1.982
	3.392	3.122	2.441
	3.634	3.122	1.932
ME =		2	
SE =		5	
NE =		7	

(35)

FILE/PATTERNING/CENTERFIRE_PATT/C8685344

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1in = 3

2in = 5

3in = 10

1in = 0.004

2in = 0.074

3in = 0.008

2

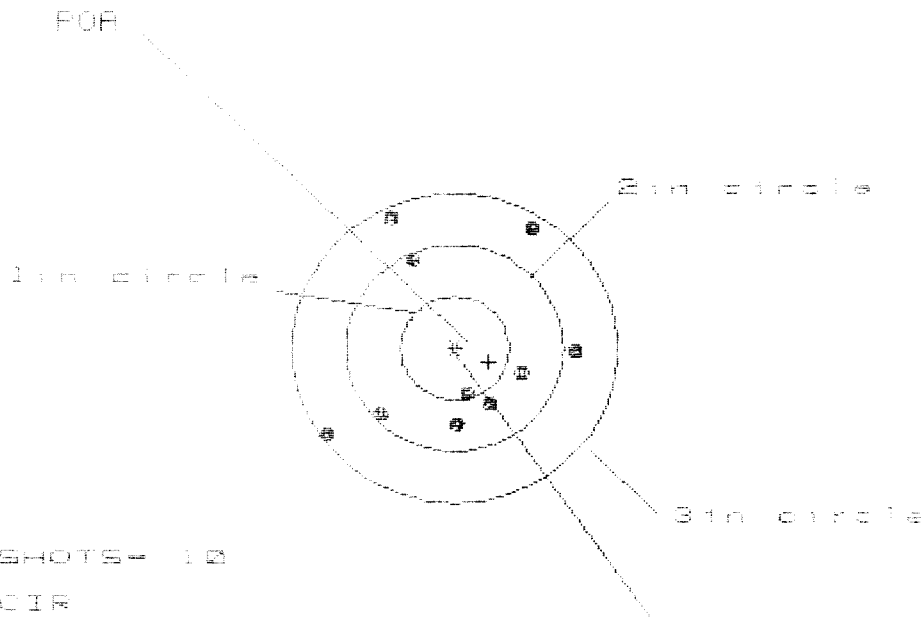
OF	10	9	8
	.681	.750	.586
	-1.383	-1.314	-.918
	1.047	.900	.909
	-1.327	-1.248	-1.209
	-.170	-.239	-.075
	-.039	.108	.069
	.174	.263	.182
	.192	.280	.117
	.925	.857	.755
	1.467	1.458	1.518
	2.064	2.064	1.504
	2.374	2.148	2.148
	2.689	2.477	2.477
SCALE =		3	
SCALE =		5	
SCALE =		10	

551

FILE:\PATTERNING\CENTERFIRE_PATT\08565544

CENTERFIRE PATTERNS

3



OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 10

X = 2.311

Y = 2.121

Z = 2.718

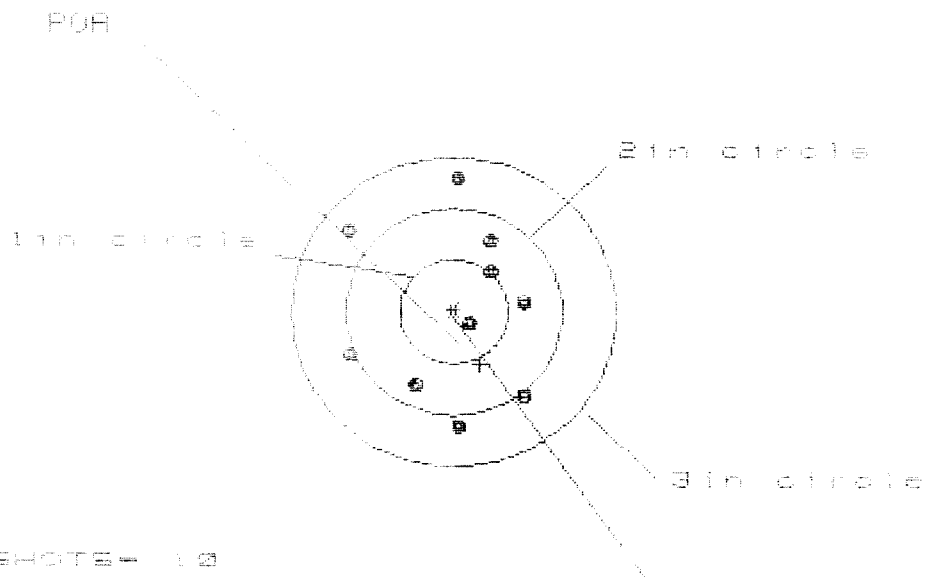
CENTROID

	1	3	5
# OF	10	9	6
	1.151	1.085	.932
	-1.150	-1.226	-1.007
	1.308	1.265	1.181
	-.813	-.667	-.670
	-.314	-.248	-.095
	.135	-.011	.072
	.342	.248	.119
	.398	.247	.363
	.958	.859	.794
	1.438	1.439	1.296
	2.311	2.311	1.799
	2.121	1.932	1.952
	2.718	2.718	2.214
1in circle =	1		
2in circle =	6		
3in circle =	10		

15)

FILE: \PATTERNING\CENTERFIRE_PAT\08885344

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1in = 3

2in = 5

3in = 10

X = 1.663

Y = 1.661

Z = 1.661

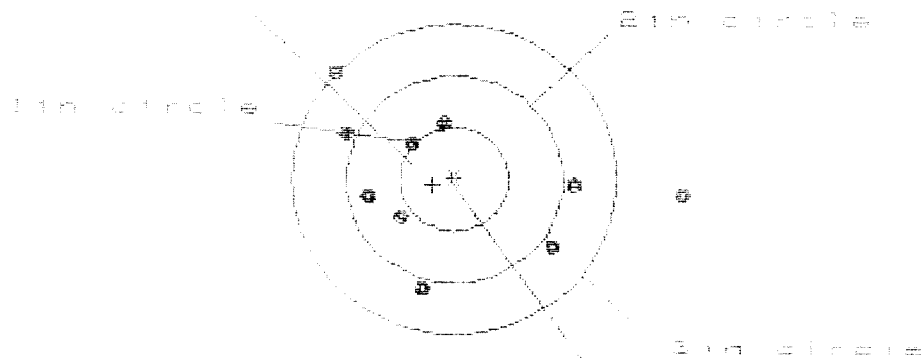
	10	9	8
# OF	10	9	8
X	.667	.671	.555
Y	-.996	-.992	-1.108
Z	1.293	.934	.945
1in circle	-1.688	-.945	-.828
2in circle	-.243	-.247	-.131
3in circle	.508	.385	.248
4in circle	.553	.440	.290
5in circle	.169	.149	.164
6in circle	.858	.800	.717
7in circle	1.293	1.316	1.124
8in circle	1.663	1.663	1.662
9in circle	2.381	1.879	1.773
10in circle	2.381	2.254	1.799
11in circle			
12in circle			
13in circle			
14in circle			
15in circle			
16in circle			
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FILE: PATTERNS/CENTERSIRE_PATT/CBB659#4

CENTERSIRE PATTERNS # 5

FOR



OF SLOTS = 12

IN CIP

1 1 1 1 1 1 1 1 1 1 1 1

2 1 1 1 1 1 1 1 1 1 1 1

3 1 1 1 1 1 1 1 1 1 1 1

S 1 1.199

S 1 1.000

S 1 1.377

CENTERSIRE

5

# OF	10	9	8
1	1.199	1.345	1.243
2	-1.951	-1.817	-1.648
3	1.052	1.037	.658
4	-1.028	-1.043	-1.913
5	.197	-.037	.065
6	.054	.069	-.068
7	.204	.078	.089
8	.516	.365	.453
9	1.058	.884	.645
10	2.113	1.385	1.246
11	3.168	2.162	2.091
12	2.088	2.088	1.572
13	3.377	2.661	2.245
14		0	
15		4	
16		9	