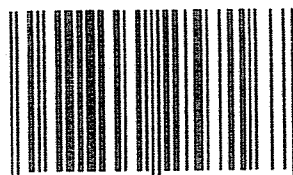


FORM

UPC



0 47700 25716 7

C6665778

INCLUDES 1 IN CHAMBER

MODEL 700 TM M24

5716

ORDER NO.

BARREL LENGTH

CAPACITY*

Remington



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

MODEL 700 TM M24

SERIAL NO.
C6665778

ORDER NO.
5716

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



5716 C6665778

ORDER 5716
MODEL 700 TM M24
UPC

ORDER 5716
MODEL 700 TM M24
UPC



0 47700 25716 7



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6665778

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		9/26/91	KH
600	Proof		9/26/91	KH
607	Check Headspace		9/26/91	KH
610	Dis-assemble Gun		9/26/91	KH
612	Magnaflux Barrel Action		OCT 4 1991	Kcd
	Magnaflux Bolt		OCT 4 1991	Kcd
615	Rollmark Caliber		OCT 4 1991	GB
617	Drill and Tap Sight Holes		OCT 4 1991	LB
618	Polish Barrel		OCT 4 1991	LB
620	Apply Coatings (Barrel Action)		10-12-91	PA
	Apply Coating (Bolt)		10-12-91	PA
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		11-12-91	SH

op. #	CP NAME BARBER M24 0102417	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			11-12-91	JK
	G) Safety Off Force	3	3	3			11-12-91	JK
	H) Trigger Pull Test & Retainability						11-12-91	JK
	I) Firing Pin Indent	020	1020	020			11-12-91	JK
	J) Assemble Stock						11-12-91	JK
	K) Assemble Swivel Studs						11-26-91	JK
	L) Attach Front and Rear Sight Assemblies						11-12-91	JK
	M) Iron Sight Alignment						11-12-91	JK
	N) Detach Front & Rear Sights & place in numbered container						11-12-91	JK
	O) Attach Scope to Rifle						11-12-91	JK
	P) Detach & Attach Scope 20 Times						11-12-91	JK
640	Gallery Target & Test						11-21-91	JK
	A) Time							JK
	B) Malfunctions							JK
	C) Pierced Primers							JK
	D) Optical Clarity of Scope							JK
645	Inspect for Live Ammo						11-21-91	JK
655	Final Inspection						11-26-91	JK
	A) Headspace							JK
	B) Trigger Pull	231	232	235	234	234	11-22-91	JK
	C) Function						11-26-91	JK
660	Pack						12-19-91	JK

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

SERIAL NO. C-6665778DATE 11-12-91TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.58	2.51	2.49	2.31	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.58	2.60	2.55	2.37	
PULL #3	2.20	2.65	2.60	2.35	
PULL #4	2.49	2.56	2.53	2.34	
PULL #5	2.50	2.50	2.54	2.34	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.49	3.36		
PULL #2	3.60	3.30		
PULL #3	3.29	3.32		
PULL #4	3.24	3.39		
PULL #5	3.56	3.30		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.38	4.35		4.45
PULL #2	4.37	4.51		4.29
PULL #3	4.17	4.38		4.54
PULL #4	4.33	4.43		4.37
PULL #5	4.46	4.43		4.56
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06665778
22 Nov 1991

CENTROIDAL DISTANCES

0 TO	1	.0790759
1 TO	2	.107912
1 TO	3	.309808
1 TO	4	.119971
1 TO	5	.1804

✱ <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .018
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0896
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0913902
THE AMR FOR THIS RIFLE IS: .8378

22 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8665778

CENTERFIRE PATTERNS # 1

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 5

2 in = 7

3 in = 9

HS= 1.443

VS= 2.827

GS= 2.834

CENTROID #

PATTERN #

SHOTS (BEST OF)

	10	9	8
MAXIMUM X	.835	.796	.722
MINIMUM X	-.608	-.647	-.721
MAXIMUM Y	1.470	.535	.386
MINIMUM Y	-1.357	-1.193	-.847
CENTROID X	.078	.117	.191
CENTROID Y	-.013	-.177	-.028
POA TO CENTROID in.	.079	.212	.193
MIN RADIUS	.333	.241	.337
MEAN RADIUS	.735	.660	.546
MAX RADIUS	1.513	1.332	1.113
HORIZONTAL SPREAD	1.443	1.443	1.443
VERTICAL SPREAD	2.827	1.728	1.233
EXTREME SPREAD	2.834	1.939	1.740
NUMBER IN ONE INCH CIRCLE =		5	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	

22 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665778

CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

CENTROID #

OF SHOTS = 10

IN CIR

1 in = 5

2 in = 6

3 in = 10

HS = 1.507

VS = 2.152

GS = 2.450

PATTERN #

2

SHOTS (BEST OF)	10	9	8
MAXIMUM X	.715	.627	.663
MINIMUM X	-.792	-.522	-.486
MAXIMUM Y	1.036	1.119	.994
MINIMUM Y	-1.116	-1.001	-.967
CENTROID X	.179	.267	.231
CENTROID Y	-.051	-.166	-.041
POA TO CENTROID in.	.186	.314	.234
MIN RADIUS	.246	.187	.271
MEAN RADIUS	.758	.678	.641
MAX RADIUS	1.304	1.138	1.008
HORIZONTAL SPREAD	1.507	1.149	1.149
VERTICAL SPREAD	2.152	2.120	1.961
EXTREME SPREAD	2.450	2.177	1.971
NUMBER IN ONE INCH CIRCLE =	5		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		

22 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8685778

CENTERFIRE PATTERNS # 3

POR

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS = 10

IN CIR

1 in = 2

2 in = 6

3 in = 8

HS = 1.882

VS = 3.683

GS = 3.687

PATTERN #

3

SHOTS (BEST OF)

10

9

8

MAXIMUM X : 1.024 1.014 .980

MINIMUM X : -.859 -.868 -.902

MAXIMUM Y : 2.052 1.187 1.011

MINIMUM Y : -1.631 -1.403 -.798

CENTROID X : -.031 -.021 .013

CENTROID Y : -.303 -.531 -.355

POR TO CENTROID in. : .304 .531 .355

MIN RADIUS : .202 .178 .136

MEAN RADIUS : .960 .834 .729

MAX RADIUS : 2.053 1.429 1.204

HORIZONTAL SPREAD : 1.882 1.882 1.882

VERTICAL SPREAD : 3.683 2.590 1.809

EXTREME SPREAD : 3.687 2.644 2.167

NUMBER IN ONE INCH CIRCLE = 2

NUMBER IN TWO INCH CIRCLE = 6

NUMBER IN THREE INCH CIRCLE = 8

22 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08665778

CENTERFIRE PATTERNS. # 4

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS - 10

IN CIR

1in = 1

2in = 5

3in = 8

HS= 1.792

VS= 2.612

GS= 2.671

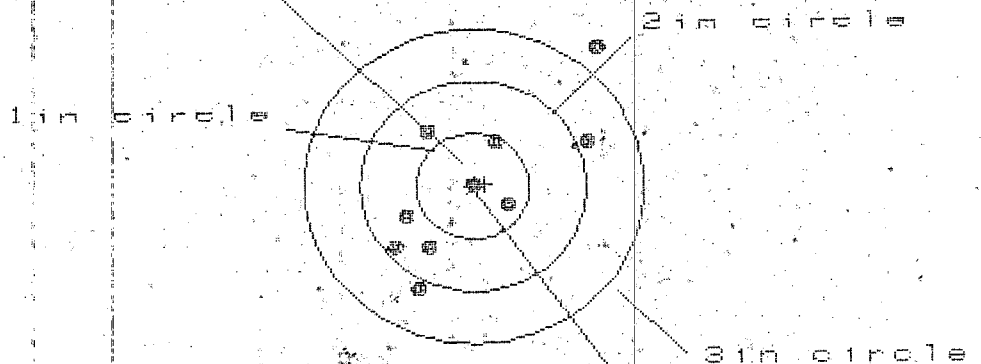
PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.883	.782	.680
MINIMUM X	:	-.909	-.946	-1.047
MAXIMUM Y	:	1.344	1.203	.572
MINIMUM Y	:	-1.268	-1.089	-.938
CENTROID X	:	-.034	.067	.168
CENTROID Y	:	-.056	.085	-.066
POA TO CENTROID in.	:	.065	.108	.181
MIN RADIUS	:	.193	.020	.193
MEAN RADIUS	:	.957	.858	.799
MAX RADIUS	:	1.560	1.450	1.088
HORIZONTAL SPREAD	:	1.792	1.728	1.728
VERTICAL SPREAD	:	2.612	2.292	1.510
EXTREME SPREAD	:	2.671	2.671	2.018
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	8		

22 Nov 1991

FILE: PATTERNING/CENTERFIRE_PATT/C6665778

CENTERFIRE PATTERNS # 5

POA



OF SHOTS 10

IN CIR

1 in = 3

2 in = 7

3 in = 9

HS = 1.816

VS = 2.245

GS = 2.766

PATTERN #

5

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.083

1.160

.575

MINIMUM X

-.733

-.613

-.468

MAXIMUM Y

1.299

.647

.718

MINIMUM Y

-.946

-.802

-.731

CENTROID X

-.102

-.222

-.367

CENTROID Y

-.025

-.169

-.240

POA TO CENTROID in.

.105

.279

.439

MIN RADIUS

.054

.239

.358

MEAN RADIUS

.779

.670

.579

MAX RADIUS

1.691

1.290

.786

HORIZONTAL SPREAD

1.816

1.773

1.043

VERTICAL SPREAD

2.245

1.449

1.449

EXTREME SPREAD

2.766

2.083

1.544

NUMBER IN ONE INCH CIRCLE =

3

NUMBER IN TWO INCH CIRCLE =

7

NUMBER IN THREE INCH CIRCLE =

9