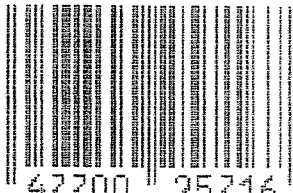


FORM

UPC



0 47700 25716 7

6665777

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.

C6665777

ORDER NO.

5716

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

20



5716 C6665777

ORDER 5716

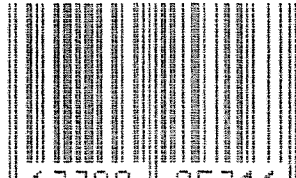
MODEL 700 TM M24

UPC

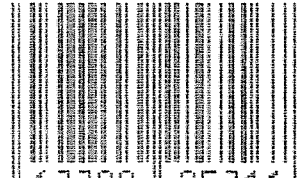
ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6665777

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 26	91	RW
600	Proof	9 26	91	RW
607	Check Headspace	9 26	91	RW
610	Dis-assemble Gun	9 26	91	RW
612	Magnaflux Barrel Action		SEP 30 1991	KR
	Magnaflux Bolt		SEP 30 1991	KR
615	Rollmark Caliber		SEP 30 1991	LS.
617	Drill and Tap Sight Holes		SEP 30 1991	FB.
618	Polish Barrel		OCT 2 1991	WB
620	Apply Coatings (Barrel Action)		10-13-91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/13/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/13/91	RW
	C) Inspect Ejector Hole for Chamfer		10/13/91	RW
	D) Oil Firing Pin Ass'y		10/13/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		10/21/91	JM

op. #	BARBER M24 0102405	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			10/21/91	SH
	G) Safety Off Force	3	3	3			10/21/91	SH
	H) Trigger Pull Test & Retainability						10/21/91	SH
	I) Firing Pin Indent	10225	1022	1022			10/21/91	SH
	J) Assemble Stock						10/21/91	RW
	K) Assemble Swivel Studs						10-22-91	AC
	L) Attach Front and Rear Sight Assemblies						10/21/91	RW
	M) Iron Sight Alignment						10/21/91	RW
	N) Detach Front & Rear Sights & place in numbered container						10/21/91	RW
	O) Attach Scope to Rifle						10/21/91	RW
	P) Detach & Attach Scope 20 Times						10/21/91	RW
640	Gallery Target & Test						10/21/91	KT
	A) Time							KT
	B) Malfunctions							KT
	C) Pierced Primers							KT
	D) Optical Clarity of Scope							KT
645	Inspect for Live Ammo						10/21/91	KT
655	Final Inspection							
	A) Headspace						10-22-91	AC
	B) Trigger Pull	258	253	249	258	253	10-22-91	DH
	C) Function						10-22-91	AC
660	Pack						12-14-91	NC

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. C-6665777DATE 10/21/91TESTER JY

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.33	2.20	2.58	2.58	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.39	2.59	2.51	2.53	
PULL #3	2.28	2.56	2.55	2.49	
PULL #4	2.35	2.42	2.50	2.58	
PULL #5	2.36	2.50	2.48	2.53	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.32	3.44		
PULL #2	3.42	3.37		
PULL #3	3.22	3.44		
PULL #4	3.40	3.37		
PULL #5	3.41	3.44		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.16	4.49		4.46
PULL #2	4.56	4.50		4.47
PULL #3	4.53	4.49		4.49
PULL #4	4.56	4.50		4.46
PULL #5	4.54	4.57		4.45
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06663777
21 Oct 1991

CENTROIDAL DISTANCES

0 TO 1	.170018
1 TO 2	1.04657
1 TO 3	.480335
1 TO 4	.105081
1 TO 5	.167287

POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2838
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.3916
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .483625
THE AMP FOR THIS RIFLE IS: 1.09

21 Oct 1991

FILE: PATTERNING/CENTERFIRE_PATT/C8665777

CENTERFIRE PATTERNS

5

POA

1 in circle

2 in circle

3 in circle

CENTROID #

OF SHOTS = 10

IN CIR

1 in = 2

2 in = 5

3 in = 10

HS = 2.494

VS = 2.031

GS = 2.647

PATTERN #

5

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.287

1.170

1.054

MINIMUM X

-1.287

-1.324

-1.448

MAXIMUM Y

1.000

.906

.766

MINIMUM Y

-1.031

-1.125

-.761

CENTROID X

.205

.322

.438

CENTROID Y

-.132

-.038

.102

POA TO CENTROID in.

.244

.324

.450

MIN RADIUS

.092

.241

.422

MEAN RADIUS

.937

.891

.817

MAX RADIUS

1.347

1.462

1.445

HORIZONTAL SPREAD

2.494

2.494

2.494

VERTICAL SPREAD

2.031

2.031

1.527

EXTREME SPREAD

2.647

2.628

2.494

NUMBER IN ONE INCH CIRCLE =

2

NUMBER IN TWO INCH CIRCLE =

5

NUMBER IN THREE INCH CIRCLE =

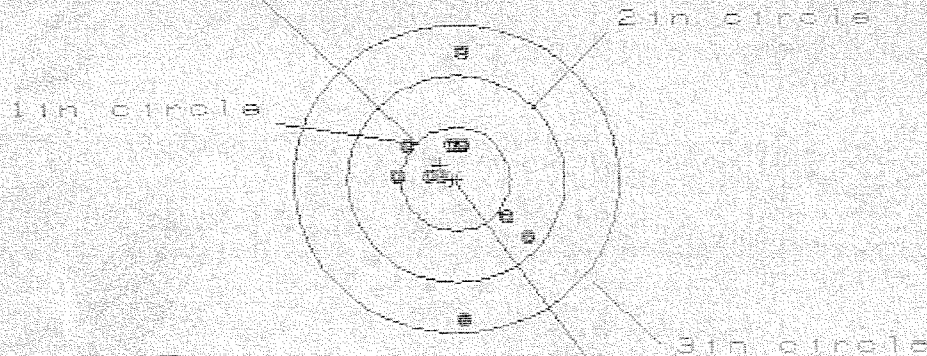
10

21 Oct 1991

FILE: \PATTERNING\CENTERFIRE_PATT\GG665777

CENTERFIRE PATTERNS # 4

POA



OF SHOTS= 10

IN CIR

1in = 4

2in = 8

3in = 10

HS= 1.204

VS= 2.614

GS= 2.614

CENTROID #

PATTERN #

4

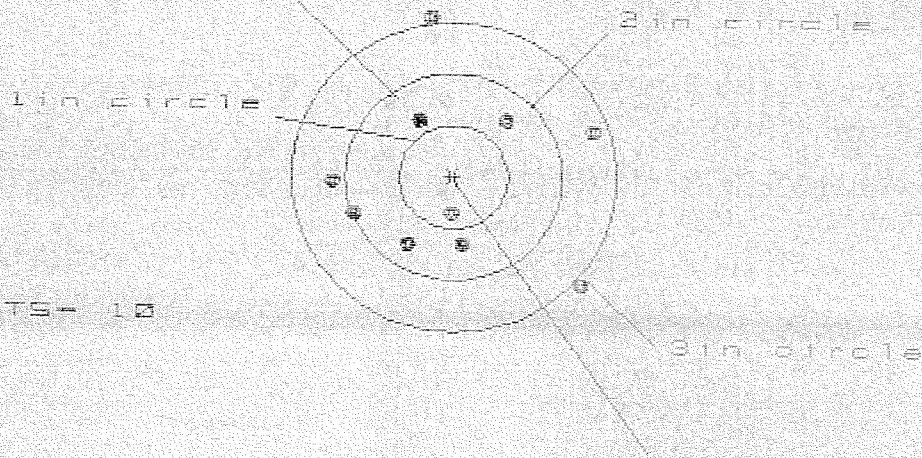
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.651	.661	.675
MINIMUM X	-.532	-.543	-.529
MAXIMUM Y	1.229	1.076	.338
MINIMUM Y	-1.385	-.747	-.613
CENTROID X	.142	.132	.118
CENTROID Y	-.136	.017	-.117
POA TO CENTROID in.	.197	.133	.166
MIN RADIUS	.151	.175	.126
MEAN RADIUS	.631	.518	.451
MAX RADIUS	1.387	1.081	.912
HORIZONTAL SPREAD	1.204	1.204	1.204
VERTICAL SPREAD	2.614	1.823	.951
EXTREME SPREAD	2.614	1.906	1.443
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	10		

21 Oct 1991

FILE: PATTERNING/CENTERFIRE_PATT/C6665727

CENTERFIRE PATTERNS # 3

POA



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 8

HS= 2.449

VS= 2.523

GS= 2.900

CENTROID #

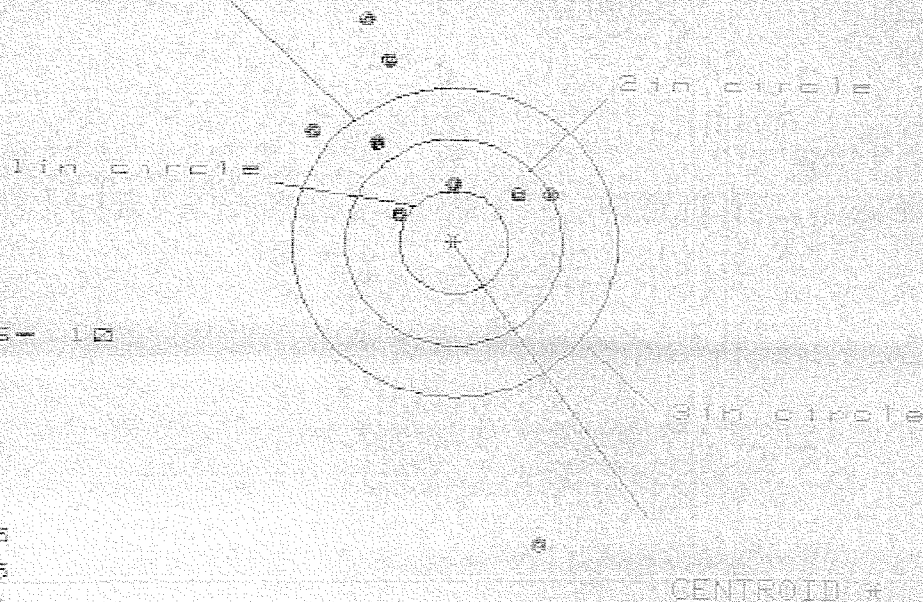
PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.303
MINIMUM X	-1.147
MAXIMUM Y	1.512
MINIMUM Y	-1.011
CENTROID X	.320
CENTROID Y	-.556
POA TO CENTROID in.	.641
MIN RADIUS	.352
MEAN RADIUS	.982
MAX RADIUS	1.541
HORIZONTAL SPREAD	2.449
VERTICAL SPREAD	2.523
EXTREME SPREAD	2.900
NUMBER IN ONE INCH CIRCLE	1
NUMBER IN TWO INCH CIRCLE	5
NUMBER IN THREE INCH CIRCLE	8

21 Oct 1991

FILE: PATTERNING/CENTERFIRE_PATT/C6682777

CENTERFIRE PATTERNS # 2

POA



OF SHOTS- 10

IN CIR

1in = 0

2in = 4

3in = 5

HS= 2.995

VS= 6.905

GS= 7.344

CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.706	1.064	1.187
MINIMUM X	:	-1.288	-1.099	-1.976
MAXIMUM Y	:	2.132	1.602	1.166
MINIMUM Y	:	-4.773	-3.487	-1.714
CENTROID X	:	.711	.521	.398
CENTROID Y	:	-.969	-.439	-.003
POA TO CENTROID in.	:	1.282	.681	.398
MIN RADIUS	:	.578	.185	.431
MEAN RADIUS	:	1.815	1.235	.894
MAX RADIUS	:	5.069	3.623	1.296
HORIZONTAL SPREAD	:	2.995	2.163	2.163
VERTICAL SPREAD	:	6.905	5.089	1.880
EXTREME SPREAD	:	7.344	5.331	2.372
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		5	

21 Oct 1991

FILE: PATTERNING/CENTERFIRE_PATT/06665777

CENTERFIRE PATTERNS # 1

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 8

HS= 1.250

VS= 4.075

GS= 4.100

PATTERN #

1

SHOTS (BEST OF)

	10	9	8
MAXIMUM X	.680	.645	.658
MINIMUM X	-.570	-.605	-.592
MAXIMUM Y	1.813	1.562	1.048
MINIMUM Y	-2.262	-1.423	-1.228
CENTROID X	.041	.076	.063
CENTROID Y	-.165	.086	-.109
POA TO CENTROID in.	.170	.115	.126
MIN RADIUS	.463	.400	.482
MEAN RADIUS	1.084	.914	.836
MAX RADIUS	2.284	1.565	1.241
HORIZONTAL SPREAD	1.250	1.250	1.250
VERTICAL SPREAD	4.075	2.985	2.276
EXTREME SPREAD	4.100	3.000	2.299
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		8	