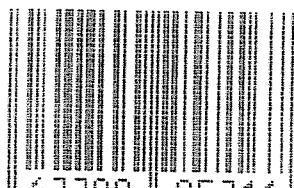


FORM

UPC



0 47700 25716 7

06549183

*INCLUDES 1 IN CHAMBER

CAPACITY*

BARREL LENGTH

MODEL 700 TM M24

ORDER NO.

5715

Remington



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

MODEL 700 TM M24

SERIAL NO.

C6649183

ORDER NO.

5716

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

20



5716 C6649183

ORDER 5716

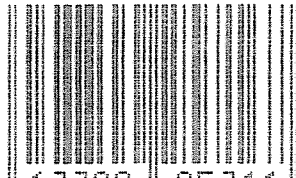
MODEL 700 TM M24

UPC

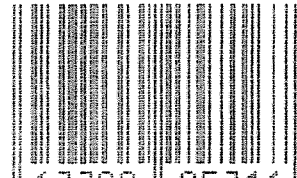
ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6649183

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	KB
618	Polish Barrel		OCT 2 1991	WT
620	Apply Coatings (Barrel Action)		10-3-91	1/2
	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		10/16/91	M

op. #	OP. NAME BARBER M24 0065884	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			10/16/91	JH
	G) Safety Off Force	3	3	3			10/16/91	JH
	H) Trigger Pull Test & Retainability						10/16/91	JH
	I) Firing Pin Indent	1021	1022	1022			10/16/91	JH
	J) Assemble Stock						10/17/91	RW
	K) Assemble Swivel Studs						10-22-91	A
	L) Attach Front and Rear Sight Assemblies						10/17/91	RW
	M) Iron Sight Alignment						10/17/91	RW
	N) Detach Front & Rear Sights & place in numbered container						10/17/91	RW
	O) Attach Scope to Rifle						10/17/91	RW
	P) Detach & Attach Scope 20 Times						10/17/91	RW
640	Gallery Target & Test						10-18-91	DH
	A) Time						10-18-91	DH
	B) Malfunctions						10-18-91	DH
	C) Pierced Primers						10-18-91	DH
	D) Optical Clarity of Scope						10-18-91	DH
645	Inspect for Live Ammo						10-18-91	DH
655	Final Inspection							
	A) Headspace						10-22-91	A
	B) Trigger Pull	239	237	237	226	236	10-21-91	DH
	C) Function						10-22-91	A
660	Pack						12-17-91	VF

SWS TRIGGER PULL TEST

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

SERIAL NO. C-6649183
DATE 10-16-91
TESTER JI

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.47	2.30	2.37	2.39	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.30	2.28	2.28	2.37	
PULL #3	2.26	2.36	2.30	2.37	
PULL #4	2.38	2.30	2.34	2.26	
PULL #5	2.39	2.29	2.38	2.36	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.41	3.41		
PULL #2	3.44	3.37		
PULL #3	3.48	3.32		
PULL #4	3.40	3.45		
PULL #5	3.38	3.39		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.34	4.24		4.24
PULL #2	4.32	4.17		4.18
PULL #3	4.30	4.28		4.19
PULL #4	4.24	4.27		4.18
PULL #5	4.24	4.26		4.18
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6649183
18 Oct 1991

CENTROIDAL DISTANCES

0 TO	1	.581304
1 TO	2	.219329
1 TO	3	.760727
1 TO	4	.725916
1 TO	5	.440114

$\begin{matrix} 21 \\ + \\ 34 \end{matrix}$ (----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2318
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0732
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .244635
THE AMR FOR THIS RIFLE IS: .9854

18 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06549163

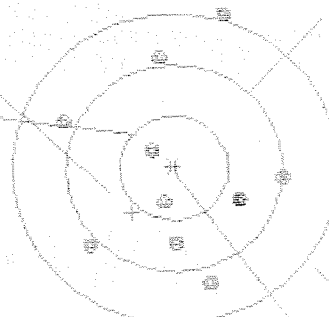
CENTERFIRE PATTERNS # 1

POA

1in circle

2in circle

3in circle



OF SHOTS= 10

IN CIR

1in = 2

2in = 4

3in = 6

HS= 2.026

VS= 2.623

GS= 2.631

CENTROID *

PATTERN #

1

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.023

1.075

1.115

MINIMUM X

-1.003

-.951

-.911

MAXIMUM Y

1.531

1.285

1.169

MINIMUM Y

-1.092

-.921

-.659

CENTROID X

.405

.353

.313

CENTROID Y

.417

.246

.362

POA TO CENTROID in.

.581

.431

.479

MIN RADIUS

.276

.183

.274

MEAN RADIUS

.909

.799

.782

MAX RADIUS

1.601

1.287

1.170

HORIZONTAL SPREAD

2.026

2.026

2.026

VERTICAL SPREAD

2.623

2.206

1.828

EXTREME SPREAD

2.631

2.240

2.103

NUMBER IN ONE INCH CIRCLE =

2

4

9

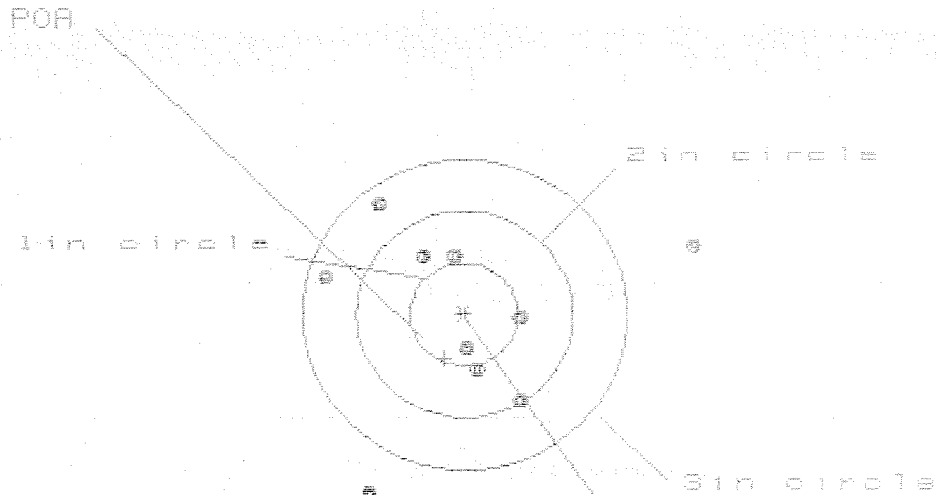
NUMBER IN TWO INCH CIRCLE =

NUMBER IN THREE INCH CIRCLE =

18 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6645183

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 1

2in = 6

3in = 8

HS= 3.365

VS= 2.831

GS= 3.829

CENTROID #

PATTERN #	2	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.116	.785	.709
MINIMUM X	-1.249	-1.014	-1.090
MAXIMUM Y	1.111	1.169	.984
MINIMUM Y	-1.720	-1.642	-1.932
CENTROID X	.186	-.049	.027
CENTROID Y	.429	.351	.556
POA TO CENTROID in.	.468	.354	.557
MIN RADIUS	.331	.320	.465
MEAN RADIUS	1.047	.919	.790
MHC RADIUS	2.230	1.752	1.168
HORIZONTAL SPREAD	3.365	1.799	1.799
VERTICAL SPREAD	2.831	2.831	1.916
EXTREME SPREAD	3.829	2.833	2.306
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		

18 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C66491B3

CENTERFIRE PATTERNS # 3

POR

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 10

HS= 1.600

VS= 2.304

GS= 2.404

PATTERN #

3

SHOTS (BEST OF)	10	9	8
MAXIMUM X	.825	.806	.877
MINIMUM X	-.783	-.802	-.701
MAXIMUM Y	.876	.717	.576
MINIMUM Y	-1.428	-1.132	-.689
CENTROID X	.181	.200	.099
CENTROID Y	-.310	-.151	-.010
POR TO CENTROID in.	.359	.251	.100
MIN RADIUS	.340	.323	.276
MEAN RADIUS	.856	.768	.669
MAX RADIUS	1.439	1.390	.962
HORIZONTAL SPREAD	1.600	1.608	1.578
VERTICAL SPREAD	2.304	1.949	1.185
EXTREME SPREAD	2.404	2.126	1.654
NUMBER IN ONE INCH CIRCLE =		2	

NUMBER IN TWO INCH CIRCLE = 7
 NUMBER IN THREE INCH CIRCLE = 10

18 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8649183

CENTERFIRE PATTERNS # 4

POR

2 in circle

1 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 2

2 in = 4

3 in = 5

HS= 3.160

VS= 3.535

GS= 3.541

PATTERN #	1	4	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.817	.966	.923
MINIMUM X	-1.343	-1.141	-1.183
MAXIMUM Y	1.743	1.883	1.241
MINIMUM Y	-1.792	-1.732	-1.506
CENTROID X	.340	.138	.181
CENTROID Y	-.306	-.366	-.592
POR TO CENTROID in.	.458	.392	.619
MIN RADIUS	.156	.098	.185
MEAN RADIUS	1.194	1.129	1.858
MAX RADIUS	1.836	1.835	1.516
HORIZONTAL SPREAD	3.160	2.107	2.107
VERTICAL SPREAD	3.535	3.535	2.747
EXTREME SPREAD	3.541	3.541	2.978
NUMBER IN ONE INCH CIRCLE	=	2	
NUMBER IN TWO INCH CIRCLE	=	4	
NUMBER IN THREE INCH CIRCLE	=	5	

18 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C66491B3

CENTERFIRE PATTERNS # 5

POR

11in circle

21n circle

31n circle

OF SHOTS= 10

IN CIR

11n = 0

21n = 5

31n = 10

HS= 1.874

VS= 2.488

GS= 2.724

CENTROID *

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.934	1.169	1.041
MINIMUM X	-.940	-.866	-.933
MAXIMUM Y	1.162	1.024	.704
MINIMUM Y	-1.246	-.943	-.815
CENTROID X	.047	-.027	.040
CENTROID Y	.161	.299	.171
POR TO CENTROID in.	.167	.300	.175
MIN RADIUS	.539	.435	.531
MEAN RADIUS	.921	.849	.810
MAX RADIUS	1.412	1.155	1.123
HORIZONTAL SPREAD	1.974	1.974	1.974
VERTICAL SPREAD	2.488	1.967	1.519
EXTREME SPREAD	2.724	2.137	2.071
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		10	