

FURN

UPC



0 47700 25716 2

06665959

*INCLUDES 1 IN CHAMBER

CAPACITY*

BARREL LENGTH

5716

ORDER NO.

MODEL 700 TM M24

Remington



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

MODEL 700 TM M24

SERIAL NO.

C6665959

ORDER NO.

5716

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

28



5716 C6665959

ORDER 5716

MODEL 700 TM M24

UPC

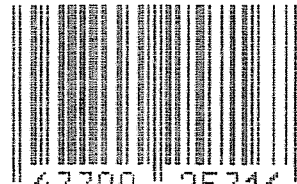
ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6665959

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		9/26/91	KS
600	Proof		9/26/91	KS
607	Check Headspace		9/26/91	KS
610	Dis-assemble Gun		9/26/91	KS
612	Magnaflux Barrel Action	OCT	4 1991	KCR
	Magnaflux Bolt	OCT	4 1991	KCR
615	Rollmark Caliber	OCT	4 1991	GS
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	KS
	Apply Coating (Bolt)		10-18-91	KS
625	Final Assembly A) Clean inside of Bolt Assembly		11/4/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/4/91	KS
	C) Inspect Ejector Hole for Chamfer		11/4/91	KS
	D) Oil Firing Pin Ass'y		11/4/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		11/5/91	SM

op. #	BARBER M24 0104495	READINGS			DATE	INIT
625 cont.	F) Safety On Force	5	5	5	11-3-91	JK
	G) Safety Off Force	3	3	3	11-5-91	JK
	H) Trigger Pull Test & Retainability				11/5/91	JK
	I) Firing Pin Indent	.0205	.0205	.0205	11/5/91	JK
	J) Assemble Stock				11/5/91	JK
	K) Assemble Swivel Studs				12-14-91	JK
	L) Attach Front and Rear Sight Assemblies				11/5/91	JK
	M) Iron Sight Alignment				11/5/91	JK
	N) Detach Front & Rear Sights & place in numbered container				11/5/91	JK
	O) Attach Scope to Rifle				11/5/91	JK
	P) Detach & Attach Scope 20 Times				11/5/91	JK
640	Gallery Target & Test				11-8-91	JK
	A) Time				11	JK
	B) Malfunctions				11	JK
	C) Pierced Primers				11	JK
	D) Optical Clarity of Scope				11	JK
645	Inspect for Live Ammo				11-8-91	JK
655	Final Inspection					
	A) Headspace				12-14-91	JK
	B) Trigger Pull	2.49	2.52	2.42	12-14-91	JK
	C) Function				12-14-91	JK
660	Pack				12-17-91	JK

TIME STAG

SWS TRIGGER PULL TEST

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

SERIAL NO. C-6665959DATE 11/5/91TESTER JR

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.56	2.59	2.60	2.49	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.58	2.63	2.58	2.52	
PULL #3	2.59	2.53	2.55	2.42	
PULL #4	2.58	2.68	2.62	2.53	
PULL #5	2.43	2.63	2.60	2.54	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.50	3.45		
PULL #2	3.51	3.28		
PULL #3	3.49	3.27		
PULL #4	3.46	3.25		
PULL #5	3.43	3.25		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.44	4.58		4.51
PULL #2	4.54	4.52		4.56
PULL #3	4.52	4.53		4.60
PULL #4	4.51	4.51		4.65
PULL #5	4.53	4.55		4.57
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06665959
3 Nov 1991

CENTROIDAL DISTANCES

0 TO 1	.138232
1 TO 2	.639607
1 TO 3	.24287
1 TO 4	.321168
1 TO 5	.327526

$\frac{2}{3} \pi$

<----FOR

FOR THIS RIFLE IS: -.2084

THIS RIFLE IS: .1002

RADIUS FOR THIS RIFLE IS: .231237

.14

6 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6685959

CENTERFIRE PATTERNS # 1

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 0

2in = 2

3in = 7

HS= 3.204

VS= 1.572

GS= 3.248

CENTROID *

Shot #	1	2	3
SP (X, Y)	10	9	8
SP (X, Y)	1.536	1.350	1.148
SP (X, Y)	-1.668	-1.693	-1.524
SP (X, Y)	.989	1.005	.959
SP (X, Y)	-.583	-.567	-.613
SP (X, Y)	-.118	.068	-.101
SP (X, Y)	-.072	-.088	-.042
SP (X, Y)	.108	.111	.110
SP (X, Y)	.718	.589	.749
SP (X, Y)	1.194	1.113	1.085
SP (X, Y)	1.675	1.695	1.530
SP (X, Y)	1.214	3.048	2.672
SP (X, Y)	1.572	1.572	1.572
SP (X, Y)	3.248	3.055	2.700
SP (X, Y)		0	
SP (X, Y)		2	
SP (X, Y)		7	

8 Nov 1991

FILE: PATTERNING/CENTERFIRE_PATT/C6585959

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 2

2in = 4

3in = 8

HS= 2.805

VS= 2.637

GS= 2.971

CENTROID *

PATTERN #

2

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.827

1.005

.909

MINIMUM X

-.978

-.775

-.556

MAXIMUM Y

1.464

1.396

1.241

MINIMUM Y

-1.173

-1.241

-1.204

CENTROID X

-.802

-.285

-.109

CENTROID Y

.557

.625

.780

X OF CENTROID IN.

.557

.650

.787

Y OF CENTROID

.102

.123

.225

X OF SPREAD

1.010

.877

.795

Y OF SPREAD

1.928

1.463

1.398

HORIZONTAL SPREAD

2.805

1.780

1.465

VERTICAL SPREAD

2.637

2.637

2.525

EFFECTIVE SPREAD

2.971

2.722

2.627

NUMBER ONE INCH CIRCLE =

2

NUMBER TWO INCH CIRCLE =

4

NUMBER THREE INCH CIRCLE =

8

8 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06665959

CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

CENTROID #

OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 7

HS= 3.070

VS= 3.825

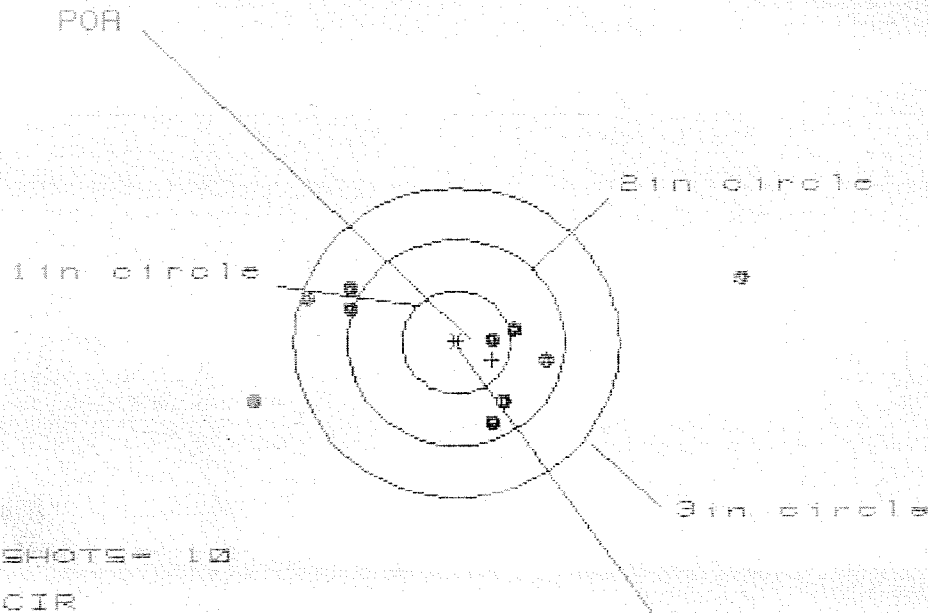
GS= 3.993

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.427	1.475	1.392
MINIMUM X	-1.643	-1.595	-1.678
MAXIMUM Y	2.019	1.210	1.012
MINIMUM Y	-1.806	-1.582	-1.430
CENTROID X	-.223	-.271	-.188
CENTROID Y	-.291	-.515	-.310
POA TO CENTROID in.	.367	.582	.369
MIN RADIUS	.085	.146	.084
MEAN RADIUS	1.255	1.186	1.069
MAX RADIUS	2.065	1.753	1.916
HORIZONTAL SPREAD	3.070	3.070	3.070
VERTICAL SPREAD	3.825	2.792	2.443
EXTREME SPREAD	3.993	3.132	3.132
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	7		

8 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C5685959

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 8

HS= 4.537

VS= 1.451

GS= 4.711

CENTROID *

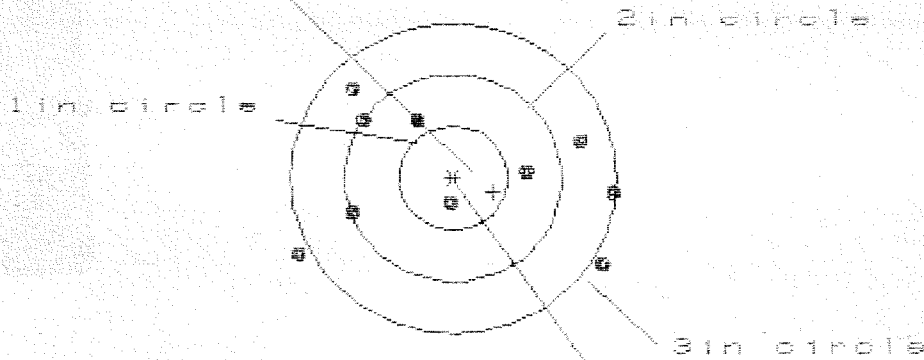
PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.671	1.121	.925
MINIMUM X	-1.866	-1.570	-1.241
MAXIMUM Y	.667	.609	.543
MINIMUM Y	-.784	-.710	-.776
CENTROID X	-.328	-.624	-.428
CENTROID Y	.171	.097	.163
POA TO CENTROID in.	.370	.632	.458
MIN RADIUS	.356	.656	.456
MEAN RADIUS	1.152	.991	.866
MAX RADIUS	2.753	1.656	1.325
HORIZONTAL SPREAD	4.537	2.691	2.166
VERTICAL SPREAD	1.451	1.319	1.319
EXTREME SPREAD	4.711	2.738	2.248
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		

8 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/CBB85959

CENTERFIRE PATTERNS # 5

FOR



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 3

3 in = 8

HS= 2.914

VS= 1.692

GS= 2.979

CENTROID *

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.472
MINIMUM X	-1.442
MAXIMUM Y	.869
MINIMUM Y	-.823
CENTROID X	-.371
CENTROID Y	.136
POR TO CENTROID in.	.395
MIN PHLOS	.279
MEAN PHLOS	1.083
MAX PHLOS	1.635
POR TO SPREAD	2.914
VER. SPREAD	1.692
EXTREM. SPREAD	2.979
NUMBER IN ONE INCH CIRCLE	1
NUMBER IN TWO INCH CIRCLE	3
NUMBER IN THREE INCH CIRCLE	8