

FORM

UPC



0 47700 25716 7

C6666101

CAPACITY*

*INCLUDES 1 IN CHAMBER

MODEL 700 TM M24

ORDER NO. 5716

BARREL LENGTH

BARBER - M24 0105100

Remington



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

MODEL 700™ M24

SERIAL NO.

C6666101

ORDER NO.

5716

20

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



5716 C6666101

ORDER 5716

MODEL 700™ M24

UPC



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ORDER 5716

MODEL 700™ M24

UPC



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GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6666101

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/1/91	KL
600	Proof		10/1/91	KL
607	Check Headspace		10/1/91	KL
610	Dis-assemble Gun		10/1/91	KL
612	Magnaflux Barrel Action	OCT	8 1991	KR
	Magnaflux Bolt	OCT	8 1991	KR
615	Rollmark Caliber	OCT	8 1991	GB
617	Drill and Tap Sight Holes	OCT	8 1991	LB
618	Polish Barrel		10/15/91	WB
620	Apply Coatings (Barrel Action)		11/2/91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/26/91	KL
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/26/91	KL
	C) Inspect Ejector Hole for Chamfer		11/26/91	KL
	D) Oil Firing Pin Ass'y		11/26/91	KL
	E) Adjust Trigger Pull to Min Setting and Stake		11-27-91	KL

op. #	NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			11-27-91	JS
	G) Safety Off Force	4	4	4			11-27-91	JS
	H) Trigger Pull Test & Retainability						11-27-91	JS
	I) Firing Pin Indent	0215	021	021			12-27-91	JS
	J) Assemble Stock						12/2/91	KS
	K) Assemble Swivel Studs						12-7-91	AC
	L) Attach Front and Rear Sight Assemblies						12/2/91	KS
	M) Iron Sight Alignment						12/2/91	KS
	N) Detach Front & Rear Sights & place in numbered container						12/2/91	KS
	O) Attach Scope to Rifle						12/2/91	KS
	P) Detach & Attach Scope 20 Times						12/2/91	KS
640	Gallery Target & Test						12-13/91	KT
	A) Time							KT
	B) Malfunctions							KT
	C) Pierced Primers							KT
	D) Optical Clarity of Scope							KT
645	Inspect for Live Ammo						12/3/91	KT
655	Final Inspection							
	A) Headspace						12-7-91	AC
	B) Trigger Pull	2.81	2.80	2.81	2.84	2.81	12-4-91	K
	C) Function						12-7-91	AC
660	Pack						12-20-91	N

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

SERIAL NO C-6666101

DATE 11-27-91

TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.56	2.58	2.55	2.81	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.59	2.59	2.51	2.80	
PULL #3	2.58	2.58	2.54	2.81	
PULL #4	2.48	2.60	2.54	2.84	
PULL #5	2.54	2.60	2.56	2.81	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.51	3.22		
PULL #2	3.44	3.22		
PULL #3	3.32	3.21		
PULL #4	3.30	3.25		
PULL #5	3.24	3.28		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.27	4.46		4.41
PULL #2	4.42	4.18		4.45
PULL #3	4.34	4.49		4.20
PULL #4	4.45	4.37		4.46
PULL #5	4.38	4.39		4.42
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06666101
3 Dec 1991

CENTROIDAL DISTANCES

0	TO	1	.256632
1	TO	2	.301445
1	TO	3	.0992975
1	TO	4	.392796
1	TO	5	.377

$\frac{4}{13}$ $\frac{1}{2}$ <----POA

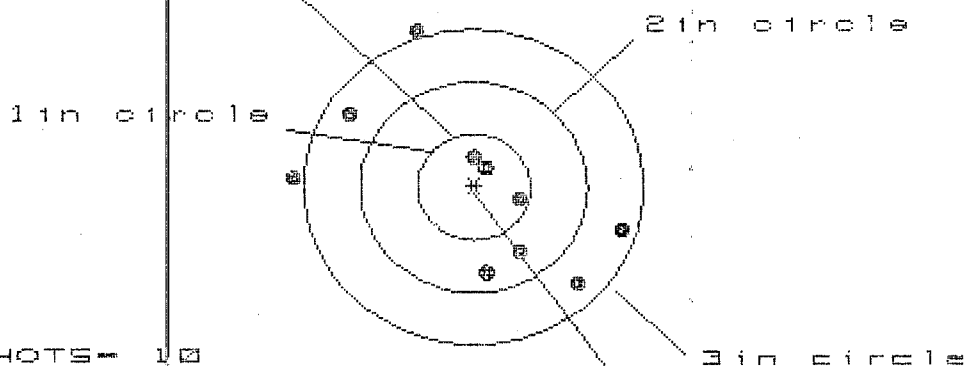
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2172
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0174
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .217896
THE AMR FOR THIS RIFLE IS: 1.004

3 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6666101

CENTERFIRE PATTERNS # 5

POR



OF SHOTS - 10

IN CIR

1in = 3

2in = 5

3in = 8

HS = 2.875

VS = 2.408

GS = 2.921

CENTROID #

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.230	1.103	1.014
MINIMUM X	-1.595	-1.227	-1.316
MAXIMUM Y	1.488	1.501	.875
MINIMUM Y	-.920	-.907	-.719
CENTROID X	-.084	.173	.262
CENTROID Y	-.291	-.304	-.492
POR TO CENTROID in.	.291	.350	.557
MIN RADIUS	.235	.269	.169
MEAN RADIUS	.958	.859	.730
MAX RADIUS	1.599	1.662	1.580
HORIZONTAL SPREAD	2.875	2.330	2.330
VERTICAL SPREAD	2.408	2.408	1.594
EXTREME SPREAD	2.921	2.819	2.564
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		8	

3 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6666101

CENTERFIRE PATTERNS # 4

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS - 10

IN CIR

1in = 2

2in = 4

3in = 10

HS= 2.096

VS= 2.486

GS= 2.561

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.810	.803	.642
MINIMUM X	-1.286	-1.293	-.879
MAXIMUM Y	1.092	.937	.938
MINIMUM Y	-1.394	-1.043	-1.042
CENTROID X	.116	.123	.284
CENTROID Y	.349	.504	.503
POA TO CENTROID in.	.368	.519	.578
MIN RADIUS	.288	.300	.140
MEAN RADIUS	.948	.886	.801
MAX RADIUS	1.395	1.293	1.364
HORIZONTAL SPREAD	2.096	2.096	1.521
VERTICAL SPREAD	2.486	1.980	1.980
EXTREME SPREAD	2.561	2.374	2.374
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		10	

3 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6666101

CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

OF SHOTS - 10

IN CIR

1in = 2

2in = 6

3in = 9

HS = 2.785

VS = 1.830

GS = 2.934

CENTROID *

PATTERN #	3		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.730	1.531	1.423
MINIMUM X	-1.055	-.863	-.698
MAXIMUM Y	.911	.909	.654
MINIMUM Y	-.919	-.921	-.807
CENTROID X	.224	.032	.140
CENTROID Y	.076	.078	-.036
POA TO CENTROID in.	.237	.084	.144
MIN RADIUS	.308	.219	.357
MEAN RADIUS	.910	.768	.742
MAX RADIUS	1.730	1.558	1.434
HORIZONTAL SPREAD	2.785	2.394	2.121
VERTICAL SPREAD	1.830	1.830	1.461
EXTREME SPREAD	2.934	2.677	2.213
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	

3 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8668101

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

CENTROID #

OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 8

HS= 2.729

VS= 2.789

GS= 2.952

PATTERN #	2		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.346	1.494	1.339
MINIMUM X	-1.383	-1.235	-1.503
MAXIMUM Y	1.393	1.291	1.205
MINIMUM Y	-1.396	-1.498	-1.584
CENTROID X	.494	.346	.501
CENTROID Y	-.283	-.101	-.015
POA TO CENTROID in.	.534	.361	.501
MIN RADIUS	.062	.117	.166
MEAN RADIUS	1.037	.940	.902
MAX RADIUS	1.615	1.557	1.645
HORIZONTAL SPREAD	2.729	2.729	1.842
VERTICAL SPREAD	2.789	2.789	2.789
EXTREME SPREAD	2.952	2.952	2.836
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		8	

3 Dec 1991

FILE:/PAT/ERNING/CENTERFIRE_PATT/C6666101

CENTERFIRE PATTERNS

1

POA

1in circle

2in circle

3in circle

OF SHOTS - 10

IN CIR

1in = 2

2in = 5

3in = 6

HS = 3.761

VS = 1.966

GS = 4.154

CENTROID *

PATTERN #

1

SHOTS (BEST OF)

10

9

8

MAXIMUM X

2.088

1.584

1.404

MINIMUM X

-1.673

-1.441

-1.270

MAXIMUM Y

.966

.855

.936

MINIMUM Y

-1.000

-1.098

-1.017

CENTROID X

.256

.024

.204

CENTROID Y

-.018

.093

.012

POA TO CENTROID in.

.256

.096

.204

MIN RADIUS

.210

.107

.192

MEAN RADIUS

1.167

.981

.924

MAX RADIUS

2.315

1.689

1.554

HORIZONTAL SPREAD

3.761

3.025

2.674

VERTICAL SPREAD

1.966

1.953

1.953

EXTREME SPREAD

4.154

3.225

3.094

NUMBER IN ONE INCH CIRCLE =

2

2

NUMBER IN TWO INCH CIRCLE =

5

5

NUMBER IN THREE INCH CIRCLE =

6

6