

MODEL 700 ... M24

FORM

UPC



0 47700 25716 7

C6665914

*INCLUDES 1 IN CHAMBER

CAPACITY*

BARREL LENGTH

5716

ORDER NO.

MODEL 760 TM M24

Remington



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

MODEL 700 TM M24

SERIAL NO.
C6665914

ORDER NO.
5716

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



5716 C6665914

ORDER **5716**
MODEL 700 TM M24
UPC

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MODEL 700 TM M24
UPC



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GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6665914

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/1/91	KH
600	Proof		10/1/91	KH
607	Check Headspace		10/1/91	KH
610	Dis-assemble Gun		10/1/91	KH
612	Magnaflux Barrel Action		OCT 8 1991	KR
	Magnaflux Bolt		OCT 8 1991	KR
615	Rollmark Caliber		OCT 8 1991	GL
617	Drill and Tap Sight Holes		OCT 8 1991	LB
618	Polish Barrel		10/14/91	WB
620	Apply Coatings (Barrel Action)		11-1-91	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/13/91	KH
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/13/91	KH
	C) Inspect Ejector Hole for Chamfer		11/13/91	KH
	D) Oil Firing Pin Ass'y		11/13/91	KH
	E) Adjust Trigger Pull to Min Setting and Stake		11-14-91	JH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			11-14-91	JP
	G) Safety Off Force	3	3	3			11-14-91	JP
	H) Trigger Pull Test & Retainability						11-14-91	JP
	I) Firing Pin Indent	.020	.020	.020			11-14-91	JP
	J) Assemble Stock						11/14/91	JP
	K) Assemble Swivel Studs						11-27-91	D/H
	L) Attach Front and Rear Sight Assemblies						11/14/91	JP
	M) Iron Sight Alignment						11/14/91	JP
	N) Detach Front & Rear Sights & place in numbered container						11/14/91	JP
	O) Attach Scope to Rifle						11/14/91	JP
	P) Detach & Attach Scope 20 Times						11/14/91	JP
640	Gallery Target & Test						11-20-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						11-20-91	NF
655	Final Inspection							
	A) Headspace						11-27-91	D/H
	B) Trigger Pull	266	262	260	262	268	11-21-91	JP
	C) Function						11-27-91	D/H
660	Pack						12-19-91	NF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C-6665914DATE 11-14-91TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.30	2.43	2.58	2.66	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.48	2.33	2.81	2.62	
PULL #3	2.43	2.51	2.55	2.60	
PULL #4	2.49	2.69	2.50	2.62	
PULL #5	2.51	2.48	2.50	2.68	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.53	3.42		
PULL #2	3.54	3.52		
PULL #3	3.29	3.41		
PULL #4	3.46	3.47		
PULL #5	3.51	3.47		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.24	4.42		4.37
PULL #2	4.51	4.58		4.57
PULL #3	4.56	4.40		4.67
PULL #4	4.49	4.54		4.54
PULL #5	4.59	4.60		4.41
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06665914
21 Nov 1991

CENTROIDAL DISTANCES

0 TO	1	.174072
1 TO	2	.306271
1 TO	3	.181838
1 TO	4	.522802
1 TO	5	.355546

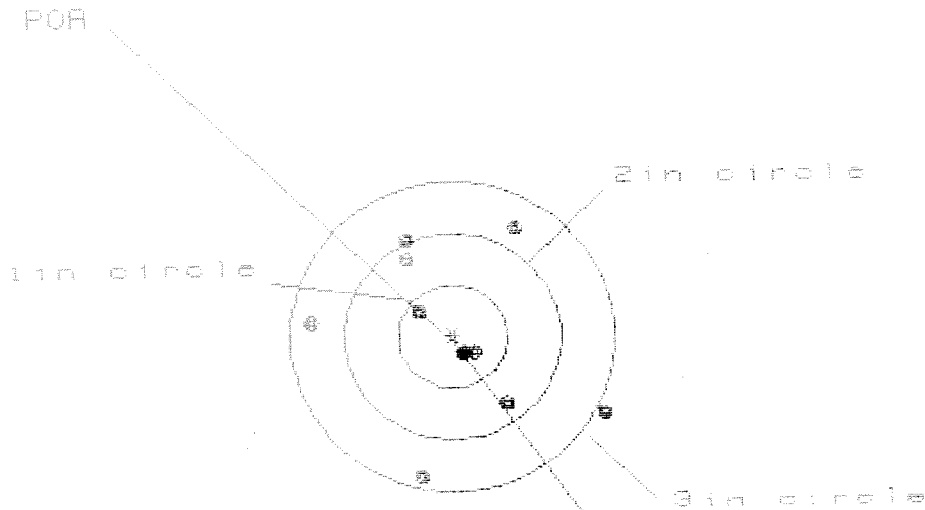
345 <----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .039
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.044
THE RESULTING AVERAGE POI RANGE FOR THIS RIFLE IS: .0527969
THE RANGE FOR THIS RIFLE IS: .9944

28 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06665314

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 2.773

VS= 2.439

GS= 2.889

CENTROID #

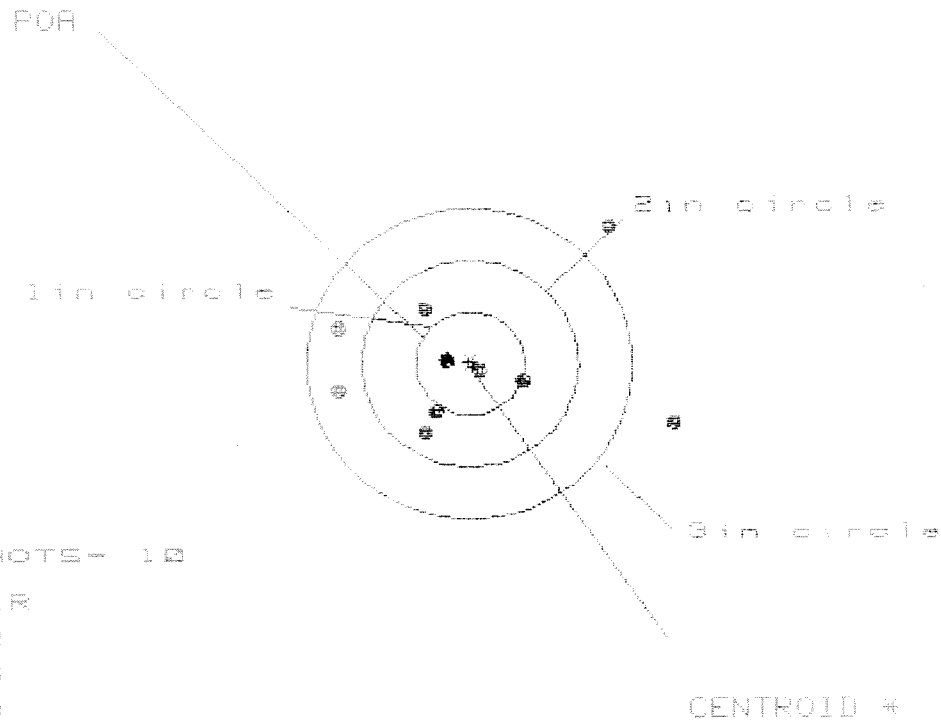
PATTERN #

	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.433	.794	.682
MINIMUM X	-1.348	-1.188	-1.282
MAXIMUM Y	1.066	.988	.806
MINIMUM Y	-1.373	-1.451	-.915
CENTROID X	-.090	-.250	-.228
CENTROID Y	.149	.227	.409
POA TO CENTROID IN.	.174	.338	.468
MIN RADIUS	.173	.216	.172
MEAN RADIUS	.905	.824	.730
MAX RADIUS	1.596	1.462	1.212
HORIZONTAL SPREAD	2.773	1.884	1.884
VERTICAL SPREAD	2.439	2.439	1.721
EXTREME SPREAD	2.889	2.592	2.114
NUMBER IN ONE INCH CIRCLE	=	3	
NUMBER IN TWO INCH CIRCLE	=	5	
NUMBER IN THREE INCH CIRCLE	=	9	

20 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8865914

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 8

HE= 3.108

VS= 2.065

CS= 3.243

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.892	1.450	.893
MINIMUM X	-1.216	-1.006	-.825
MAXIMUM Y	1.353	1.287	.598
MINIMUM Y	-.712	-.778	-.617
CENTROID X	.216	.006	-.175
CENTROID Y	-.034	.032	-.129
POA TO CENTROID in.	.219	.032	.218
MIN RADIUS	.132	.049	.223
MEAN RADIUS	.920	.778	.622
MAX RADIUS	1.981	1.939	.942
HORIZONTAL SPREAD	3.108	2.456	1.718
VERTICAL SPREAD	2.065	2.065	1.215
EXTREME SPREAD	3.249	2.899	1.784
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		8	

28 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06865314

CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS = 10

IN CIR

1in = 0

2in = 5

3in = 8

HS = 1.587

VS = 3.654

CS = 3.697

PATTERN #

SHOTS (BEST OF)

MAXIMUM X

MINIMUM X

MAXIMUM Y

MINIMUM Y

CENTROID X

CENTROID Y

POA TO CENTROID in.

MIN RADIUS

MEAN RADIUS

MAX RADIUS

HORIZONTAL SPREAD

VERTICAL SPREAD

EXTREME SPREAD

NUMBER IN ONE INCH CIRCLE =

NUMBER IN TWO INCH CIRCLE =

NUMBER IN THREE INCH CIRCLE =



10

9

8

.888

.758

.766

-.779

-.829

-.821

1.545

1.311

1.089

-2.189

-1.197

-1.038

.141

.191

.182

-.328

-.086

-.249

.358

.209

.309

.579

.461

.537

1.188

.978

.919

2.156

1.400

1.268

1.587

1.587

1.587

3.654

2.508

2.122

3.697

2.593

2.323

0

5

8

28 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08665914

CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 9

CENTROID *

HS= 2.295

VS= 2.745

GS= 2.783

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.170	1.213	1.324
MINIMUM X	-1.125	-1.082	-.971
MAXIMUM Y	.999	.805	.784
MINIMUM Y	-1.746	-1.342	-1.241
CENTROID X	-.223	-.266	-.377
CENTROID Y	.025	.219	.118
POA TO CENTROID in.	.224	.344	.395
MIN RADIUS	.360	.327	.255
MEAN RADIUS	.993	.870	.823
MAX RADIUS	1.788	1.347	1.327
HORIZONTAL SPREAD	2.295	2.295	2.295
VERTICAL SPREAD	2.745	2.147	2.025
EXTREME SPREAD	2.783	2.518	2.419
NUMBER IN ONE INCH CIRCLE	=	2	
NUMBER IN TWO INCH CIRCLE	=	5	
NUMBER IN THREE INCH CIRCLE	=	9	

28 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/05685914

CENTERFIRE PATTERNS # 2

POR

1 in circle

2 in circle

2 in circle

OF SHOTS- 10

IN CIR

1 in = 2

2 in = 6

3 in = 8

MEAN = 2.768

VSE = 3.348

GSE = 4.181

CENTROID *

PATTERN #

12

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.328	1.430	1.300
MINIMUM X	-1.448	-1.301	-1.430
MAXIMUM Y	1.545	1.344	.936
MINIMUM Y	-1.907	-1.063	-1.895
CENTROID X	.151	.004	.133
CENTROID Y	-.040	.161	-.007
POR TO CENTROID IN	.156	.161	.134
MIN. RADII	.296	.328	.323
MEAN RADII	1.046	.912	.787
MR. RADII	2.235	1.698	1.471
HORIZONTAL SPREAD	2.768	2.731	2.731
VERTICAL SPREAD	3.348	2.407	1.531
EXTREME SPREAD	4.181	2.748	2.731
NUMBER IN ONE INCH CIRCLE	=	2	
NUMBER IN TWO INCH CIRCLE	=	6	
NUMBER IN THREE INCH CIRCLE	=	8	