

Handwritten mark

FORM

UPC



66665858

*INCLUDES 1 IN CHAMBER

CAPACITY*

BARREL LENGTH

MODEL 700 TM M24

ORDER NO.

5716

Remington



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

MODEL 700TM M24

SERIAL NO.

C6665858

ORDER NO.

5716

20

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



5716 C6665858

ORDER 5716

MODEL 700TM M24

UPC

ORDER 5716

MODEL 700TM M24

UPC



0 47700 25716 7



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

(4)

GUN SERIAL #

C6665858

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		9/26/91	KH
600	Proof		9/26/91	KH
607	Check Headspace		9/26/91	KH
610	Dis-assemble Gun		9/26/91	KH
612	Magnaflux Barrel Action	OCT	4 1991	KCR
	Magnaflux Bolt	OCT	4 1991	KCR
615	Rollmark Caliber	OCT	4 1991	CS
617	Drill and Tap Sight Holes	OCT	4 1991	FB
618	Polish Barrel	OCT	4 1991	WB
620	Apply Coatings (Barrel Action)		10-12-91	DA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/21/91	KH
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/21/91	KH
	C) Inspect Ejector Hole for Chamfer		11/21/91	KH
	D) Oil Firing Pin Ass'y		11/21/91	KH
	E) Adjust Trigger Pull to Min Setting and Stake		11-22-91	gcl

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			11-22-91	SL
	G) Safety Off Force	3	3	3			11-22-91	SL
	H) Trigger Pull Test & Retainability						11-22-91	SL
	I) Firing Pin Indent	1020	.0205	.0205			11-22-91	SL
	J) Assemble Stock						11-25-91	SL
	K) Assemble Swivel Studs						12-3-91	AC
	L) Attach Front and Rear Sight Assemblies						11-26-91	SL
	M) Iron Sight Alignment						11-26-91	SL
	N) Detach Front & Rear Sights & place in numbered container						11-26-91	SL
	O) Attach Scope to Rifle						11-26-91	SL
	P) Detach & Attach Scope 20 Times						11-26-91	SL
640	Gallery Target & Test						11-27-91	KT
	A) Time							KT
	B) Malfunctions							KT
	C) Pierced Primers							KT
	D) Optical Clarity of Scope							KT
645	Inspect for Live Ammo						11-27-91	KT
655	Final Inspection							
	A) Headspace						12-3-91	AC
	B) Trigger Pull	234	241	240	241	238	12-29-91	SL
	C) Function						12-3-91	AC
660	Pack						12-19-91	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-6665858DATE 11-22-91TESTER JLL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.24	2.28	2.39	234	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.43	2.32	2.35	241	
PULL #3	2.43	2.48	2.48	240	
PULL #4	2.31	2.41	2.44	241	
PULL #5	2.27	2.41	2.40	238	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.53	3.57		
PULL #2	3.43	3.67		
PULL #3	3.67	3.70		
PULL #4	3.57	3.62		
PULL #5	3.41	3.64		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX. SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.42	4.20		4.17
PULL #2	4.31	4.25		4.28
PULL #3	4.26	4.32		4.20
PULL #4	4.26	4.29		4.31
PULL #5	4.26	4.38		4.35
TOTAL				
AVG.				

18. AIR DISTANCE CALCULATIONS
FOR FILE # 06665858
20 NOV 1991

CENTROIDAL DISTANCES

1 TO 1	.0350143
1 TO 2	.109202
1 TO 3	.119419
1 TO 4	.174402
1 TO 5	.0223607

#1 <----POA

11 - .0945

.4334

45 101 .0337133

14 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08665858

CENTERFIRE PATTERNS

1

POA

1in circle

2in circle

3in circle

CENTROID *

* OF SHOTS = 10

* 14.012

* 1.0

* 1.0

* 1.0

* 1.0

* 1.0

* 1.0

* 1.0

* 1.0

* 1.0

* 1.0

* 1.0

* 1.0

* 1.0

* 1.0

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* 1.0

* 1.0

* 1.0

* 1.0

* 1.0

* 1.0

10	9	8
.407	.571	.510
.000	-1.538	-1.599
.111	1.847	.857
.000	-1.826	-1.023
.000	.036	.097
.000	.084	.394
.000	.287	.406
.000	.088	.351
.000	.777	.672
.000	1.558	1.871
.000	1.100	1.189
.000	2.567	1.880
.000	2.567	2.091

2

7

9

27 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06665858

CENTERFIRE PATTERNS

2

POR

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN-CIR

1 in = 1

2 in = 5

3 in = 10

1 in = 1.000

2 in = 1.710

3 in = 2.503

CENTROID #

PAT #

2

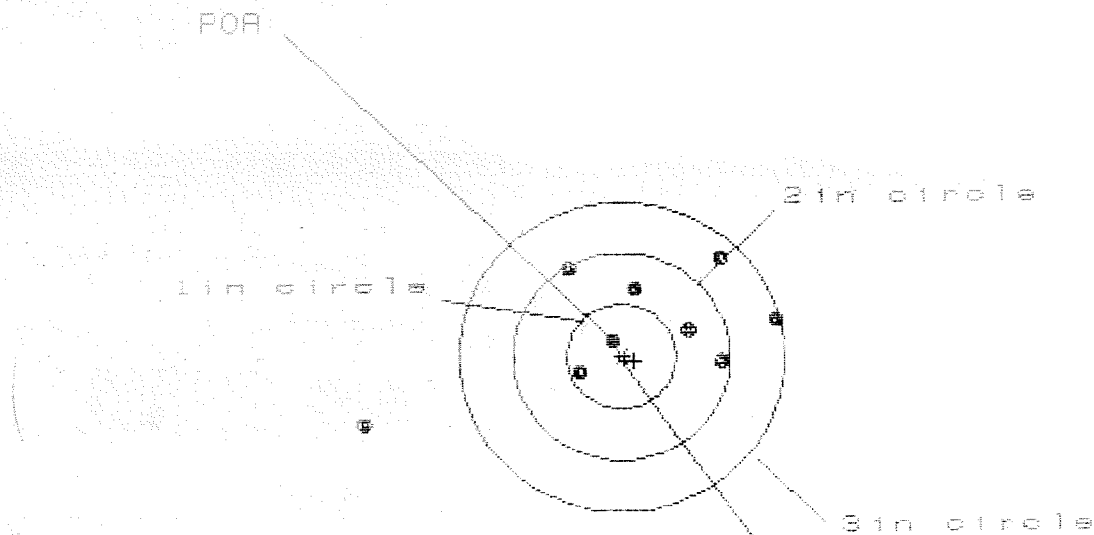
SHOTS (BEST OF)	10	9	8
MA-1000	1.302	1.340	1.206
MA-1000	-1.220	-1.073	-1.190
MA-1000	1.065	1.038	.954
MA-1000	-1.543	-1.672	-1.756
MA-1000	-1.881	-1.237	-1.103
CENTROID	.067	-.040	.044
POR TO SHOOTER	.101	.240	.111
1 in radius	.314	.468	.348
2 in radius	.943	.890	.821
3 in radius	1.409	1.450	1.364
4 in radius	2.015	2.413	2.395
5 in radius	2.710	1.710	1.710
6 in radius	3.545	2.503	2.503
7 in radius		1	
8 in radius		5	
9 in radius		10	

27 Nov 1991

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CENTERFIRE PATTERNS

3



OF SHOTS- 10

IN CIR

1in = 3

2in = 6

3in = 8

ME = 3.771

VE = 3.417

GE = 3.663

CENTROID #

PATTERN

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.487	1.321	1.014
MINIMUM X	-2.364	-2.450	-1.863
MAXIMUM Y	.942	.667	.556
MINIMUM Y	-2.475	-1.890	-1.558
CENTROID X	-.118	-.032	.275
CENTROID Y	.045	.320	.431
POA TO CENTROID in.	.126	.321	.511
MIN RADIUS	.124	.203	.247
MEAN RADIUS	1.162	.942	.691
MAX RADIUS	2.594	2.607	1.015
HORIZONTAL SPREAD	3.771	3.771	1.878
VERTICAL SPREAD	3.417	1.557	1.114
EXTREME SPREAD	3.902	3.902	1.941
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		8	

Nov 1991

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CENTERFIRE PATTERNS

4

POR

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 4

2in = 7

3in = 8

ME = 2.133

VE = 1.954

GE = 3.141

CENTROID *

PATTERN # 4

5-16

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.087	.860	.388
MINIMUM X	-2.046	-.837	-.730
MAXIMUM Y	1.047	1.007	.928
MINIMUM Y	-.907	-.947	-1.026
CENTROID X	.141	.368	.261
CENTROID Y	.139	.179	.258
POR TO CENTROID IN.	.198	.418	.367
MIN. RADIUS	.156	.066	.151
MEAN RADIUS	.789	.608	.548
MAX. RADIUS	2.078	1.066	1.034
HORIZONTAL SPREAD	3.133	1.697	1.118
VERTICAL SPREAD	1.954	1.954	1.954
EXTREME SPREAD	3.141	1.971	1.971
NUMBER IN ONE INCH CIRCLE =		4	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		8	

1991

FILE: \PATTERNING\CENTERFIRE_PATT\08685858

CENTERFIRE PATTERNS # 5

POR

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 0

2in = 4

3in = 8

CE- 2.117

VE- 3.220

DE- 2.413

CENTROID #

PATTERN #

5

SHOTS BEST OF	10	9	8
MAXIMUM	1.258	.873	.810
MINIMUM	-.867	-.728	-.790
MAXIMUM	1.351	1.143	.925
MINIMUM	-1.869	-1.746	-1.326
CENTROID	-.009	-.148	-.085
CENTROID	.015	.223	.441
POR TO CENTROID	.018	.267	.449
MIN RANGE	.582	.352	.381
MEAN RANGE	1.164	.979	.853
MAX RANGE	2.249	1.816	1.447
HORIZONTAL SPREAD	2.117	1.601	1.601
VERTICAL SPREAD	3.220	2.866	2.251
EXTREME SPREAD	3.413	3.006	2.283
NUMBER IN ONE INCH CIRCLE	0		
NUMBER IN TWO INCH CIRCLE	4		
NUMBER IN THREE INCH CIRCLE	8		