

C6611735

MODEL 700™ M24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Remington[®]

MODEL 700TM M24

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

DUPONT
REG. U.S. PAT. & T.M. OFF.

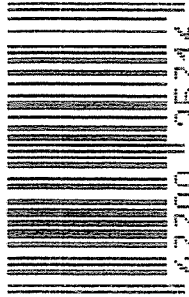
VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

SERIAL NO. C6611735	ORDER NO. 5716
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5716 C6611735

UPC



0 47700 25716

7

MOD. _____		GA. CAL. _____	GUN # _____
# TEST	DATE	MALFUNCTION/DEFECT	ASSEM. #
	1st	Shower brass Ejector sticks	RW
	2nd	Reamed Ejector hole & Polish Ejector 700 Rd test Needed	RW
	3rd	100 Rd OK AC March 11, 1991	
	4th		
		FUNCTION	RD 6654 Rev 1

TEST INIT. ACTION TO CORRECT		ASSEM. #
PROOF		
TEST		
TGT		
PROOF		
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611735

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1 10 91		RW
600	Proof	1 10 91		RW
607	Check Headspace	1 10 91		RW
610	Dis-assemble Gun	1 10 91		RW
612	Magnaflux Barrel Action		11/14/91	KR
	Magnaflux Bolt		11	KR
615	Rollmark Caliber		11	JS
617	Drill and Tap Sight Holes	1 17 91		CB
618	Polish Barrel	1 17 91		WB
620	Apply Coatings (Barrel Action)		2-12-91	JS
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/19/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/19/91	RW
	C) Inspect Ejector Hole for Chamfer		2/19/91	RW
	D) Oil Firing Pin Ass'y		2/19/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		3/6/91	MM

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4 1/2	4 1/2	4 1/2			3/6/91	WB
	G) Safety Off Force	2 1/2	2 1/2	2 1/2			3/6/91	WB
	H) Trigger Pull Test & Retainability						3-6-91	MF
	I) Firing Pin Indent	.0215	.0225	.022			3/6/91	WB
	J) Assemble Stock						3/7/91	RW
	K) Assemble Swivel Studs						3-11-91	DH
	L) Attach Front and Rear Sight Assemblies						3/7/91	RW
	M) Iron Sight Alignment						3/7/91	RW
	N) Detach Front & Rear Sights & place in numbered container						3/7/91	RW
	O) Attach Scope to Rifle						3/7/91	RW
	P) Detach & Attach Scope 20 Times						3/7/91	RW
640	Gallery Target & Test						3-8-91	DH
	A) Time						3-8-91	DH
	B) Malfunctions						3-8-91	DH
	C) Pierced Primers						3-8-91	DH
	D) Optical Clarity of Scope						3-8-91	DH
645	Inspect for Live Ammo						3-8-91	DH
655	Final Inspection							
	A) Headspace						3-11-91	DH
	B) Trigger Pull	2.16	2.14	2.24	2.24	2.23	3/11/91	DH
	C) Function						3-11-91	DH
660	Pack						3-20-91	DH

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6611735DATE 3-6-91TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.30	2.36	2.38	2.16	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.35	2.36	2.40	2.14	
PULL #3	2.36	2.33	2.36	2.24	
PULL #4	2.35	2.40	2.34	2.24	
PULL #5	2.35	2.36	2.38	2.23	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.34	3.26		
PULL #2	3.37	3.24		
PULL #3	3.48	3.25		
PULL #4	3.50	3.22		
PULL #5	3.55	3.23		
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	4.28		4.31
PULL #2	4.29	4.30		4.24
PULL #3	4.22	4.31		4.32
PULL #4	4.32	4.30		4.34
PULL #5	4.31	4.33		4.33
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611735
8 Mar 1991

CENTROIDAL DISTANCES

0 TO	1	.389997
1 TO	2	.469064
1 TO	3	.381914
1 TO	4	.20787
1 TO	5	.35805

4
4E <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .245
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1288
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .276793

THE AMR FOR THIS RIFLE IS: .6542

8 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611735

CENTERFIRE PATTERNS

1

POA

1 in circle

2 in circle

3 in circle

OF SHOTS= 10

IN CIR

1 in = 2

2 in = 7

3 in = 9

HS= 2.262

VS= 1.802

GS= 2.685

CENTROID *

PATTERN



SHOTS (BEST OF)

	10	9	8
MAXIMUM X	1.277	.845	.751
MINIMUM X	-.985	-.843	-.937
MAXIMUM Y	.875	.860	.584
MINIMUM Y	-.927	-.830	-.906
CENTROID X	.203	.061	.155
CENTROID Y	.333	.235	.311
POA TO CENTROID in.	.390	.243	.348
MIN RADIUS	.242	.240	.219
MEAN RADIUS	.806	.730	.677
MAX RADIUS	1.548	1.019	1.061
HORIZONTAL SPREAD	2.262	1.688	1.688
VERTICAL SPREAD	1.802	1.490	1.490
EXTREME SPREAD	2.685	1.842	1.842
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	

8 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611735

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS = 10

IN CIR

1in = 1

2in = 6

3in = 9

HS = 1.218

VS = 3.006

GS = 3.173

PATTERN #

2

SHOTS (BEST OF)	10	9	8
MAXIMUM X	.691	.655	.622
MINIMUM X	-.527	-.563	-.481
MAXIMUM Y	1.119	.909	.979
MINIMUM Y	-1.887	-1.067	-.953
CENTROID X	.317	.353	.271
CENTROID Y	-.122	.088	-.026
POA TO CENTROID in.	.339	.363	.272
MIN RADIUS	.114	.303	.167
MEAN RADIUS	.927	.827	.759
MAX RADIUS	1.915	1.121	1.037
HORIZONTAL SPREAD	1.218	1.218	1.103
VERTICAL SPREAD	3.006	1.976	1.932
EXTREME SPREAD	3.173	2.129	1.973
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	

8 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611735

CENTERFIRE PATTERNS # 3

POR

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS = 10

IN CIR

1in = 1

2in = 7

3in = 10

PS = 1.886

VS = 2.023

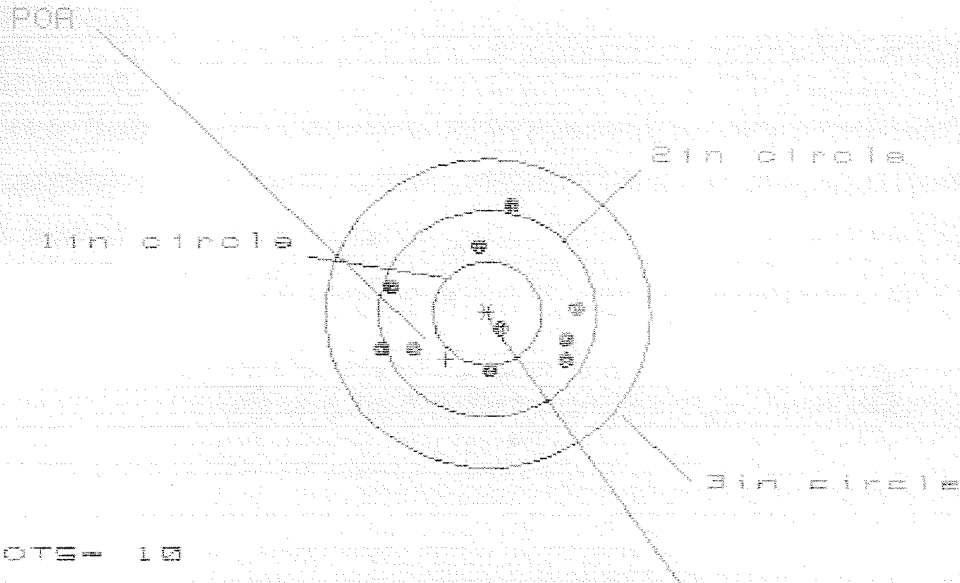
GS = 2.321

PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.036	1.124	.620
MINIMUM X	-1.850	-1.782	-.621
MAXIMUM Y	.972	.855	.850
MINIMUM Y	-1.051	-1.102	-1.107
CENTROID X	.016	-.072	-.213
CENTROID Y	.000	.117	.122
POR TO CENTROID in.	.016	.138	.245
MIN RADIUS	.252	.108	.140
MEAN RADIUS	.831	.742	.674
MAX RADIUS	1.317	1.125	1.109
HORIZONTAL SPREAD	1.886	1.886	1.241
VERTICAL SPREAD	2.023	1.957	1.957
EXTREME SPREAD	2.321	1.965	1.965
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

8 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/CGB11735

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 8

3 in = 10

HS= 1.783

VS= 1.526

GS= 1.872

CENTROID *

PATTERN #	1	4	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.787	.676	.695
MINIMUM X	-.996	-.956	-.938
MAXIMUM Y	1.017	.975	.755
MINIMUM Y	-.509	-.551	-.429
CENTROID X	.380	.491	.473
CENTROID Y	.442	.484	.362
POA TO CENTROID in.	.583	.689	.595
MIN RADIUS	.193	.181	.071
MEAN RADIUS	.737	.690	.626
MAX RADIUS	1.064	.986	.993
HORIZONTAL SPREAD	1.783	1.632	1.632
VERTICAL SPREAD	1.526	1.526	1.184
EXTREME SPREAD	1.872	1.649	1.649
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	10		

8 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611735

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS = 10

IN CIR

1in = 2

2in = 7

3in = 9

HS = 3.192

VS = 1.927

GS = 3.519

PATTERN #

5

SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.125	1.137	1.042
MINIMUM X	-1.067	-.831	-.926
MAXIMUM Y	.986	.914	.982
MINIMUM Y	-.941	-1.013	-.898
CENTROID X	.309	.073	.168
CENTROID Y	-.009	.064	-.051
POA TO CENTROID in.	.309	.097	.175
MIN RADIUS	.317	.348	.229
MEAN RADIUS	.970	.808	.742
MAX RADIUS	2.221	1.186	1.043
HORIZONTAL SPREAD	3.192	1.968	1.968
VERTICAL SPREAD	1.927	1.927	1.880
EXTREME SPREAD	3.519	2.314	1.992
NUMBER IN ONE INCH CIRCLE	=	2	
NUMBER IN TWO INCH CIRCLE	=	7	
NUMBER IN THREE INCH CIRCLE	=	9	