

FORM

UPC



0 47700 25716 7

BARREL LENGTH

CAPACITY*

*INCLUDES 1 IN CHAMBER

C6649196

MODEL 700 TM M24

ORDER NO.

5716

Remington



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

MODEL 700™ M24

SERIAL NO.

C6649196

ORDER NO.

5716

20

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



5716 C6649196

ORDER 5716

MODEL 700™ M24

UPC

ORDER 5716

MODEL 700™ M24

UPC



0 47700 25716 7



0 47700 25716 7

TEST INIT. ACTION TO CORRECT		ASSEM. #
PROOF	100 Rds OK AC 12-12-91	
TEST OK		
TGT		
PROOF		
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		

MOD. _____ GA. CAL. _____ GUN # 9196

# TEST	DATE	MALFUNCTION/DEFECT	ASSEM. #
	1st		
N	12/5	Shaver Brass	RW
	2nd		
	12/11/91	Repaired yes	
	3rd		
AL		100 Rds OK 12-12-92	1
	4th		

FUNCTION

RD 6654 Rev 1

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6649196

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10 1	91	RW
600	Proof	10 1	91	RW
607	Check Headspace	10 1	91	RW
610	Dis-assemble Gun	10 1	91	RW
612	Magnaflux Barrel Action		OCT 10 1991	KR
	Magnaflux Bolt		OCT 10 1991	KR
615	Rollmark Caliber		OCT 10 1991	GL
617	Drill and Tap Sight Holes		OCT 10 1991	LB
618	Polish Barrel		10/15/91	WB
620	Apply Coatings (Barrel Action)		11-2-91	HA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/11/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/11/91	RW
	C) Inspect Ejector Hole for Chamfer		11/11/91	RW
	D) Oil Firing Pin Ass'y		11/11/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		12-5-91	HA

Op. #	Op. NAME	READINGS						
625 cont.	F) Safety On Force	5	5	5	12-5-91	YU		
	G) Safety Off Force	3	3	3	12-5-91	YU		
	H) Trigger Pull Test & Retainability				12-5-91	YU		
	I) Firing Pin Indent	.0205	.0205	.020	12-5-91	YU		
	J) Assemble Stock				12/5/91	RW		
	K) Assemble Swivel Studs				12-12-91	YU		
	L) Attach Front and Rear Sight Assemblies				12/5/91	RW		
	M) Iron Sight Alignment				12/5/91	RW		
	N) Detach Front & Rear Sights & place in numbered container				12/5/91	RW		
	O) Attach Scope to Rifle				12/5/91	RW		
	P) Detach & Attach Scope 20 Times				12/5/91	RW		
640	Gallery Target & Test				12-5-91	NF		
	A) Time				"	NF		
	B) Malfunctions				"	NF		
	C) Pierced Primers				"	NF		
	D) Optical Clarity of Scope				"	NF		
645	Inspect for Live Ammo				12-5-91	NF		
655	Final Inspection							
	A) Headspace				12-12-91	YU		
	B) Trigger Pull	234	227	232	239	240	12-7-91	D/H
	C) Function						12-12-91	YU
660	Pack						12-14-91	NF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C-6649/96DATE 12-5-91TESTER JJ

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.36	2.42	2.48	2.34	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.41	2.42	2.45	2.27	
PULL #3	2.40	2.44	2.39	2.32	
PULL #4	2.44	2.45	2.49	2.39	
PULL #5	2.47	2.51	2.55	2.40	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.59	3.20		
PULL #2	3.55	3.49		
PULL #3	3.60	3.51		
PULL #4	3.62	3.51		
PULL #5	3.55	3.60		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR - TARGET & ACCURACY
PULL #1	4.34	4.21		4.20
PULL #2	4.27	4.21		4.36
PULL #3	4.33	4.20		4.37
PULL #4	4.32	4.23		4.32
PULL #5	4.32	4.18		4.27
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6649196
6 Dec 1991

CENTROIDAL DISTANCES

Ø TO	1	.38825
1 TO	2	.57625
1 TO	3	.658438
1 TO	4	.43568
1 TO	5	.837809

2 5
1 2
-----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2332
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1228
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .253557

THE AMR FOR THIS RIFLE IS: 1.068

6 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6649186

CENTERFIRE PATTERNS # 1

POA

1in circle

2in circle

3in circle

CENTROID #

OF SHOTS- 10

IN CIR

1in = 2

2in = 4

3in = 8

HS= 1.580

VS= 3.284

GS= 3.328

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.731	.713	.732
MINIMUM X	-.849	-.867	-.848
MAXIMUM Y	1.286	1.064	.835
MINIMUM Y	-1.998	-1.827	-1.897
CENTROID X	-.050	-.032	-.051
CENTROID Y	-.383	-.161	.068
POA TO CENTROID in.	.386	.164	.085
MIN RADIUS	.295	.075	.051
MEAN RADIUS	1.117	.927	.748
MAX RADIUS	2.005	1.834	1.923
HORIZONTAL SPREAD	1.580	1.580	1.580
VERTICAL SPREAD	3.284	2.891	2.732
EXTREME SPREAD	3.328	2.899	2.820
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	8		

6 Dec 1991

FILE: \PATTERNING\CENTERFIRE_PATT\06645196

CENTERFIRE PATTERNS

5

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS= 10

IN CIR

1 in = 0

2 in = 5

3 in = 8

HS= 3.447

VS= 1.809

GS= 3.464

PATTERN #

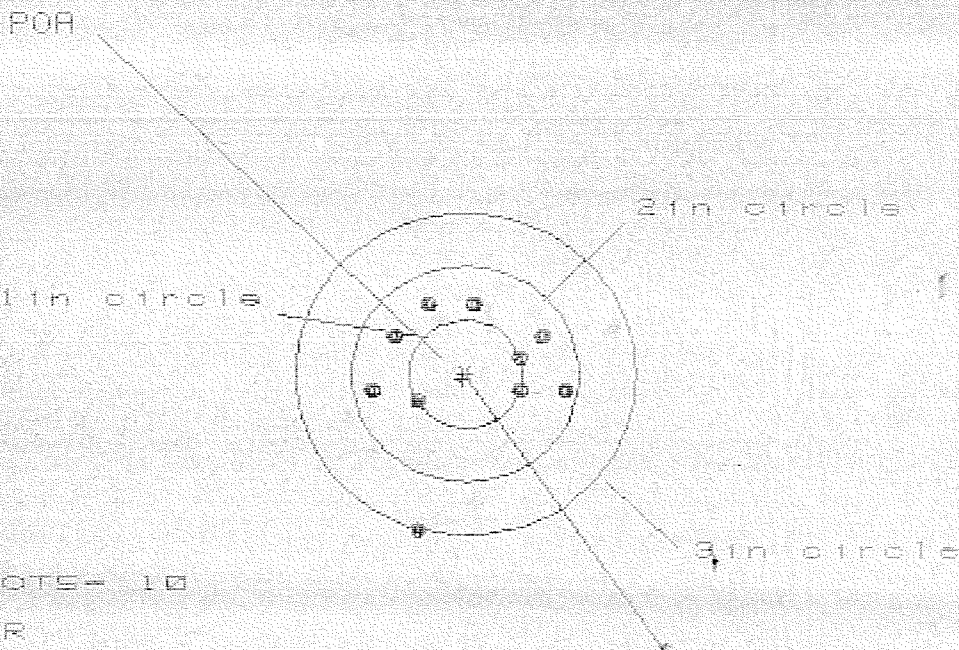
5

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.528	1.315	1.323
MINIMUM X	-1.919	-1.107	-1.943
MAXIMUM Y	.619	.630	.686
MINIMUM Y	-1.190	-1.179	-1.123
CENTROID X	.582	.795	.631
CENTROID Y	.167	.156	.100
POA TO CENTROID in.	.605	.810	.639
MIN RADIUS	.536	.480	.576
MEAN RADIUS	1.054	.958	.882
MAX RADIUS	1.921	1.391	1.327
HORIZONTAL SPREAD	3.447	2.422	2.266
VERTICAL SPREAD	1.809	1.809	1.809
EXTREME SPREAD	3.464	2.441	2.304
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		8	

6 Dec 1991

FILE: \PATTERNING\CENTERFIRE_PATT\06B45196

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 1

2in = 9

3in = 10

HS= 1.668

VS= 2.089

GS= 2.138

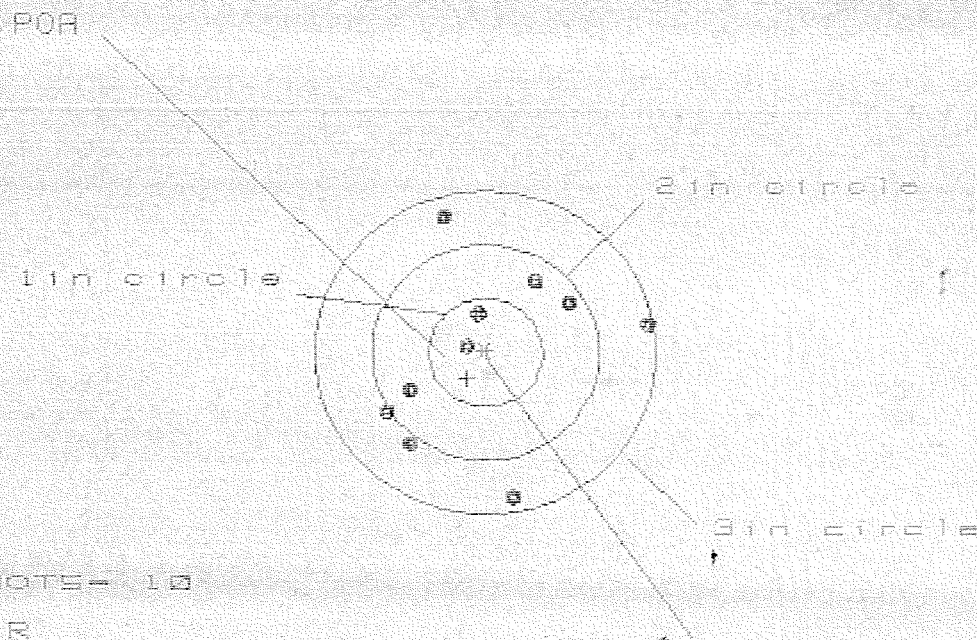
CENTROID *

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.870	.826	.766
MINIMUM X	:	-.798	-.842	-.739
MAXIMUM Y	:	.676	.519	.487
MINIMUM Y	:	-1.413	-.413	-.445
CENTROID X	:	.026	.070	-.033
CENTROID Y	:	.046	.203	.235
POA TO CENTROID in.	:	.053	.215	.238
MIN RADIUS	:	.456	.480	.501
MEAN RADIUS	:	.756	.655	.624
MAX RADIUS	:	1.467	.907	.826
HORIZONTAL SPREAD	:	1.668	1.668	1.505
VERTICAL SPREAD	:	2.089	.932	.932
EXTREME SPREAD	:	2.138	1.670	1.587
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	9		
NUMBER IN THREE INCH CIRCLE	=	10		

6 Dec 1991

FILE: \PATTERNING\CENTERFIRE_PATT\CB649196

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 2

2in = 5

3in = 10

HS = 2.265

VS = 2.585

GS = 2.646

CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.388	.912	.886
MINIMUM X	:	-.877	-.723	-.749
MAXIMUM Y	:	1.293	1.320	.837
MINIMUM Y	:	-1.292	-1.265	-1.100
CENTROID X	:	.166	.012	.038
CENTROID Y	:	.239	.212	.047
PORA TO CENTROID in.	:	.291	.212	.061
MIN RADIUS	:	.209	.069	.223
MEAN RADIUS	:	.919	.839	.788
MAX RADIUS	:	1.409	1.337	1.146
HORIZONTAL SPREAD	:	2.265	1.635	1.635
VERTICAL SPREAD	:	2.585	2.585	1.997
EXTREME SPREAD	:	2.646	2.646	1.963
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			5	
NUMBER IN THREE INCH CIRCLE =			10	

01 Oct 1981

FILE:/PATTERNING/CENTERFIRE_PATT/C6648186

CENTERFIRE PATTERNS

2

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 0

2 in = 2

3 in = 7

HS= 2.198

VS= 5.214

GS= 5.287

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.989	1.068	1.059
MINIMUM X	:	-1.209	-1.130	-1.139
MAXIMUM Y	:	2.751	1.557	1.288
MINIMUM Y	:	-2.463	-2.158	-1.464
CENTROID X	:	.442	.363	.372
CENTROID Y	:	-.683	-.988	-.719
POA TO CENTROID in.	:	.814	1.053	.809
MIN RADIUS	:	.810	.901	.900
MEAN RADIUS	:	1.494	1.337	1.202
MAX RADIUS	:	2.843	2.159	1.687
HORIZONTAL SPREAD	:	2.198	2.198	2.198
VERTICAL SPREAD	:	5.214	3.715	2.752
EXTREME SPREAD	:	5.287	3.723	3.018
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		2	
NUMBER IN THREE INCH CIRCLE	=		7	