

FORM

UPC



0 47700 25716 7

06665806

MODEL 700 TM M24

ORDER NO. 5716

BARREL LENGTH

CAPACITY*

*INCLUDES 1 IN CHAMBER

Remington



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

MODEL 700™ M24

SERIAL NO.

C6665806

ORDER NO.

5716

20

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



5716 C6665806

ORDER 5716

MODEL 700™ M24

UPC



0 47700 25716 7

ORDER 5716

MODEL 700™ M24

UPC



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6665806

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		9/25/91	KH
600	Proof		9/25/91	KH
607	Check Headspace		9/25/91	KH
610	Dis-assemble Gun		9/25/91	KH
612	Magnaflux Barrel Action		OCT 2 1991	KR
	Magnaflux Bolt		OCT 2 1991	KR
615	Rollmark Caliber		OCT 2 1991	YJ
617	Drill and Tap Sight Holes		OCT 2 1991	LB
618	Polish Barrel		OCT 2 1991	WB
620	Apply Coatings (Barrel Action)		10-14-91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/18/91	KH
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/18/91	KH
	C) Inspect Ejector Hole for Chamfer		10/18/91	KH
	D) Oil Firing Pin Ass'y		10/18/91	KH
	E) Adjust Trigger Pull to Min Setting and Stake		10/23/91	JCH

op. #	BARBER - M24 0102823	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5 1/2	5			10-23-91	DH
	G) Safety Off Force	3	2 1/2	2			10-23-91	DH
	H) Trigger Pull Test & Retainability						10/23/91	JY
	I) Firing Pin Indent	.020	.020	.020			10-23-91	DH
	J) Assemble Stock						10/25/91	KJ
	K) Assemble Swivel Studs						11-12-91	AC
	L) Attach Front and Rear Sight Assemblies						10/25/91	KJ
	M) Iron Sight Alignment						10/25/91	KJ
	N) Detach Front & Rear Sights & place in numbered container						10/25/91	KJ
	O) Attach Scope to Rifle						10/25/91	KJ
	P) Detach & Attach Scope 20 Times						10/25/91	KJ
640	Gallery Target & Test						10/28/91	KT
	A) Time							KT
	B) Malfunctions							KT
	C) Pierced Primers							KT
	D) Optical Clarity of Scope							KT
645	Inspect for Live Ammo						10/28/91	KT
655	Final Inspection							
	A) Headspace						11-12-91	AC
	B) Trigger Pull	235	237	248	252	252	10-30-91	DH
	C) Function						11-12-91	AC
660	Pack						12-17-91	NE

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

SERIAL NO. C-6665806DATE 10/23/91TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.60	2.36	2.25	2.35	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.43	2.44	2.33	3.37	
PULL #3	2.43	2.20	2.25	2.48	
PULL #4	2.38	2.32	2.31	2.52	
PULL #5	2.36	2.22	2.30	2.52	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.29	3.55		
PULL #2	3.54	3.53		
PULL #3	3.46	3.57		
PULL #4	3.44	3.57		
PULL #5	3.54	3.55		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.35	4.38		4.30
PULL #2	4.35	4.35		4.34
PULL #3	4.28	4.35		4.46
PULL #4	4.34	4.44		4.33
PULL #5	4.23			4.30
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665806
29 Oct 1991

CENTROIDAL DISTANCES

0 TO	1	.0478017
1 TO	2	.0840952
1 TO	3	.148762
1 TO	4	.243846
1 TO	5	.241232

<----POI

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0156
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0908
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .092304
THE AMR FOR THIS RIFLE IS: .9684

29 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665806

CENTERFIRE PATTERNS # 1

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 9

HS= 2.426

VS= 2.246

GS= 2.727

CENTROID *

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.968	.806	.816
MINIMUM X	-1.458	-.764	-.755
MAXIMUM Y	1.288	1.212	1.299
MINIMUM Y	-.958	-1.034	-.883
CENTROID X	.046	.208	.199
CENTROID Y	-.013	.063	-.088
POA TO CENTROID in.	.048	.217	.217
MIN RADIUS	.033	.193	.155
MEAN RADIUS	.944	.889	.817
MAX RADIUS	1.612	1.214	1.308
HORIZONTAL SPREAD	2.426	1.570	1.570
VERTICAL SPREAD	2.246	2.246	2.182
EXTREME SPREAD	2.727	2.254	2.224
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	9		

29 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08685886

CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS= 2.014

VS= 3.935

GS= 4.024

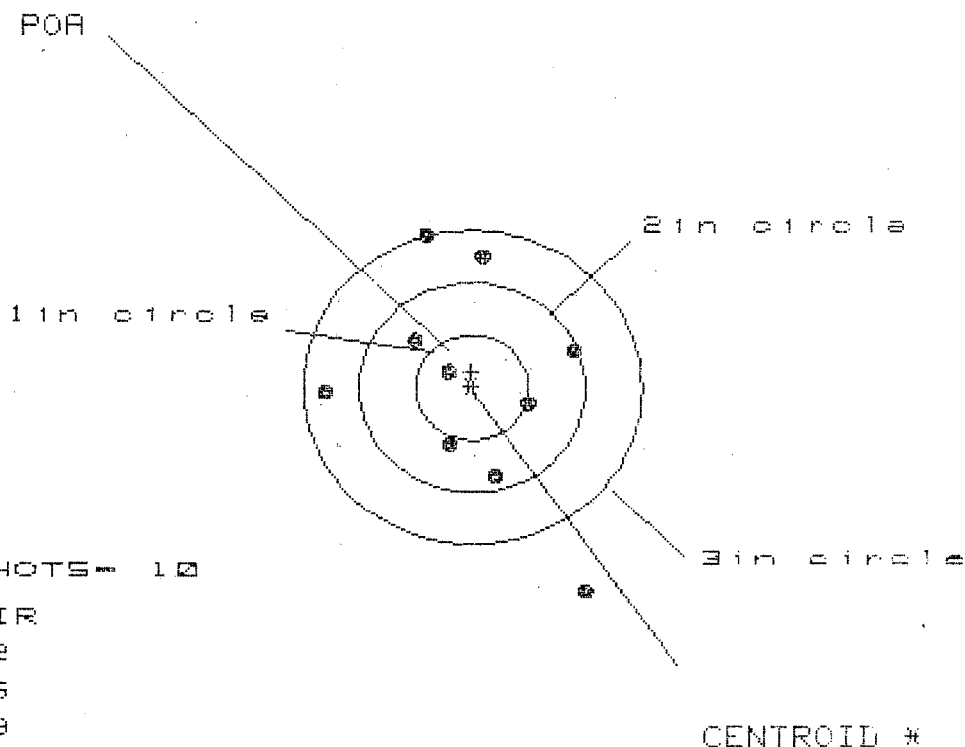
CENTROID #

PATTERN #	2	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.158	1.109	1.154
MINIMUM X	-.857	-.905	-.860
MAXIMUM Y	2.336	1.013	.845
MINIMUM Y	-1.599	-1.340	-1.129
CENTROID X	.082	.130	.085
CENTROID Y	.063	-.197	-.030
POA TO CENTROID in.	.103	.236	.090
MIN RADIUS	.210	.283	.277
MEAN RADIUS	1.008	.847	.757
MAX RADIUS	2.376	1.387	1.206
HORIZONTAL SPREAD	2.014	2.014	2.014
VERTICAL SPREAD	3.935	2.553	1.975
EXTREME SPREAD	4.024	2.559	2.220
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

29 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C66658B6

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 6

3 in = 9

HS = 2.220

VS = 3.416

GS = 3.677

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	.955
MINIMUM X	-1.266
MAXIMUM Y	1.427
MINIMUM Y	-1.989
CENTROID X	.005
CENTROID Y	-.156
POA TO CENTROID in.	.156
MIN RADIUS	.286
MEAN RADIUS	.997
MAX RADIUS	2.206
HORIZONTAL SPREAD	2.220
VERTICAL SPREAD	3.416
EXTREME SPREAD	3.677
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	6
NUMBER IN THREE INCH CIRCLE =	9

29 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665886

CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

CENTROID #

OF SHOTS- 10

IN CIR

1in - 1

2in - 6

3in = 10

HS= 2.035

VS= 2.237

GS= 2.619

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.038	.927	.993
MINIMUM X	:	-.997	-.853	-.787
MAXIMUM Y	:	1.199	1.311	1.195
MINIMUM Y	:	-1.038	-.926	-.693
CENTROID X	:	.127	.238	.172
CENTROID Y	:	-.234	-.346	-.230
POA TO CENTROID in.	:	.266	.420	.287
MIN RADIUS	:	.286	.144	.249
MEAN RADIUS	:	.870	.785	.757
MAX RADIUS	:	1.418	1.320	1.198
HORIZONTAL SPREAD	:	2.035	1.780	1.780
VERTICAL SPREAD	:	2.237	2.237	1.888
EXTREME SPREAD	:	2.619	2.338	1.931
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

29 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665806

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in - 2

2in - 4

3in = 8

HS= 2.819

VS= 2.525

GS= 2.849

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.169	.986	1.020
MINIMUM X	-1.649	-1.551	-1.517
MAXIMUM Y	.990	.953	.757
MINIMUM Y	-1.535	-1.572	-1.488
CENTROID X	-.177	.006	-.028
CENTROID Y	-.105	-.068	.128
POA TO CENTROID in.	.206	.068	.131
MIN RADIUS	.264	.280	.242
MEAN RADIUS	1.023	.919	.811
MAX RADIUS	1.683	1.595	1.559
HORIZONTAL SPREAD	2.819	2.537	2.537
VERTICAL SPREAD	2.525	2.525	1.245
EXTREME SPREAD	2.849	2.545	2.545
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		8	