

FORM

UPC



0 47700 25716 7

BARREL LENGTH

CAPACITY*

*INCLUDES 1 IN CHAMBER

C6666021

ORDER NO.

5715

MODEL 700 TM M24

BARBER - M24 0105064

Remington



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

MODEL 700™ M24

SERIAL NO.

C6666021

ORDER NO.

5716

20

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



5716 C6666021

ORDER 5716

MODEL 700™ M24

UPC



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ORDER 5716

MODEL 700™ M24

UPC



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GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6666021

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		9/30/91	KA
600	Proof		9/30/91	KA
607	Check Headspace		9/30/91	KA
610	Dis-assemble Gun		9/30/91	KA
612	Magnaflux Barrel Action	OCT	8 1991	KR
	Magnaflux Bolt	OCT	8 1991	KR
615	Rollmark Caliber	OCT	8 1991	LS.
617	Drill and Tap Sight Holes	OCT	8 1991	LB
618	Polish Barrel		10/14/91	WB
620	Apply Coatings (Barrel Action)		11-91	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/26/91	KA
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/26/91	KA
	C) Inspect Ejector Hole for Chamfer		11/26/91	KA
	D) Oil Firing Pin Ass'y		11/24/91	KA
	E) Adjust Trigger Pull to Min Setting and Stake		12-2-91	JP

op. #	BARBER - M24 0105066	READINGS					DATE	INIT
	OP. NAME							
625 cont.	F) Safety On Force	6	6	6			12/2/91	JK
	G) Safety Off Force	3	3	3			12/2/91	JK
	H) Trigger Pull Test & Retainability						12-2-91	JK
	I) Firing Pin Indent	10205	1020	1020			12-2-91	JK
	J) Assemble Stock						12/2/91	JK
	K) Assemble Swivel Studs						12-7-91	AC
	L) Attach Front and Rear Sight Assemblies						12/5/91	JK
	M) Iron Sight Alignment						12/2/91	JK
	N) Detach Front & Rear Sights & place in numbered container						12/2/91	JK
	O) Attach Scope to Rifle						12/2/91	JK
	P) Detach & Attach Scope 20 Times						12/5/91	JK
640	Gallery Target & Test						12-3-91	N
	A) Time						"	N
	B) Malfunctions						"	N
	C) Pierced Primers						"	N
	D) Optical Clarity of Scope						"	N
645	Inspect for Live Ammo						12-3-91	N
655	Final Inspection							
	A) Headspace						12-7-91	AC
	B) Trigger Pull	2.49	2.46	2.51	2.44	2.43	12-7-91	DIK
	C) Function						12-7-91	AC
660	Pack						12-17-91	N

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C-6666021

DATE 12-2-91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.36	2.24	2.52	2.49	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.30	2.50	2.50	2.46	
PULL #3	2.50	2.31	2.48	2.51	
PULL #4	2.42	2.44	2.46	2.44	
PULL #5	2.50	2.48	2.51	2.43	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.37	3.37		
PULL #2	3.37	3.40		
PULL #3	3.43	3.45		
PULL #4	3.25	3.24		
PULL #5	3.44	3.44		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.65	4.47		4.43
PULL #2	4.30	4.33		4.57
PULL #3	4.28	4.47		4.48
PULL #4	4.46	4.46		4.27
PULL #5	4.30	4.42		4.50
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6666021
3 Dec 1991

CENTROIDAL DISTANCES

0 TO	1	.303534
1 TO	2	.09827
1 TO	3	.256445
1 TO	4	.601103
1 TO	5	.254751

5
3
4

<----POA

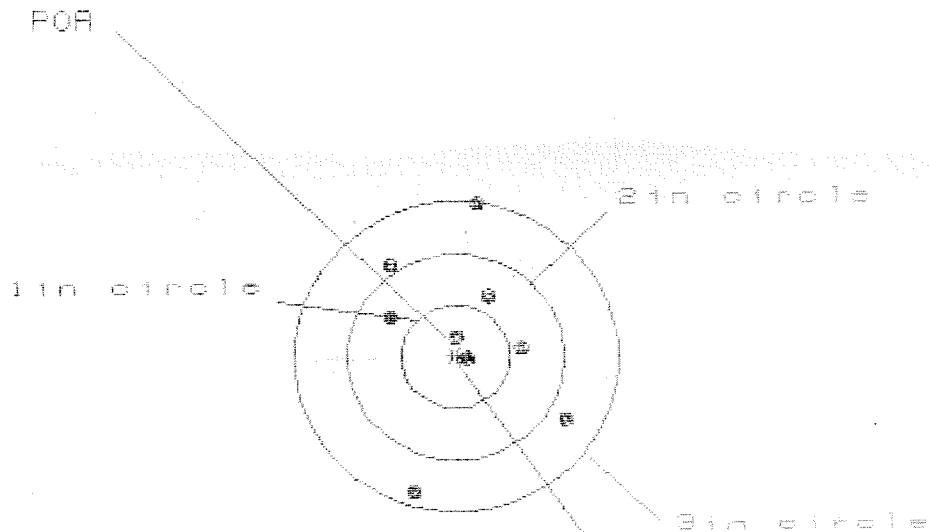
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1558
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.8252
THE RESULTING AVERAGE POI RANGE FOR THIS RIFLE IS: .360505

THE AMP FOR THIS RIFLE IS: 1.194

3 Dec 1991

FILE:/PATTERNING/CENTERFIRE PATT/06666021

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1in = 2

2in = 5

3in = 8

HS = 1.780

VS = 3.301

CS = 3.455

CENTROID #

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.999	.912	.931
MINIMUM X	-.781	-.649	-.630
MAXIMUM Y	1.536	1.340	.866
MINIMUM Y	-1.765	-1.468	-1.300
CENTROID X	-.104	-.017	-.036
CENTROID Y	.011	.207	.040
POA TO CENTROID in.	.104	.208	.053
MIN RADIUS	.127	.104	.086
MEAN RADIUS	.928	.782	.710
MAX RADIUS	1.930	1.532	1.366
HORIZONTAL SPREAD	1.780	1.561	1.561
VERTICAL SPREAD	3.301	2.808	2.166
EXTREME SPREAD	3.455	2.870	2.176
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		8	

3 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6586021

CENTERFIRE PATTERNS # 4

POA

1in circle

2in circle

3in circle

OF SHOTS - 10

IN CIR

1in = 0

2in = 1

3in = 5

HS = 2.395

VS = 4.560

GS = 4.647

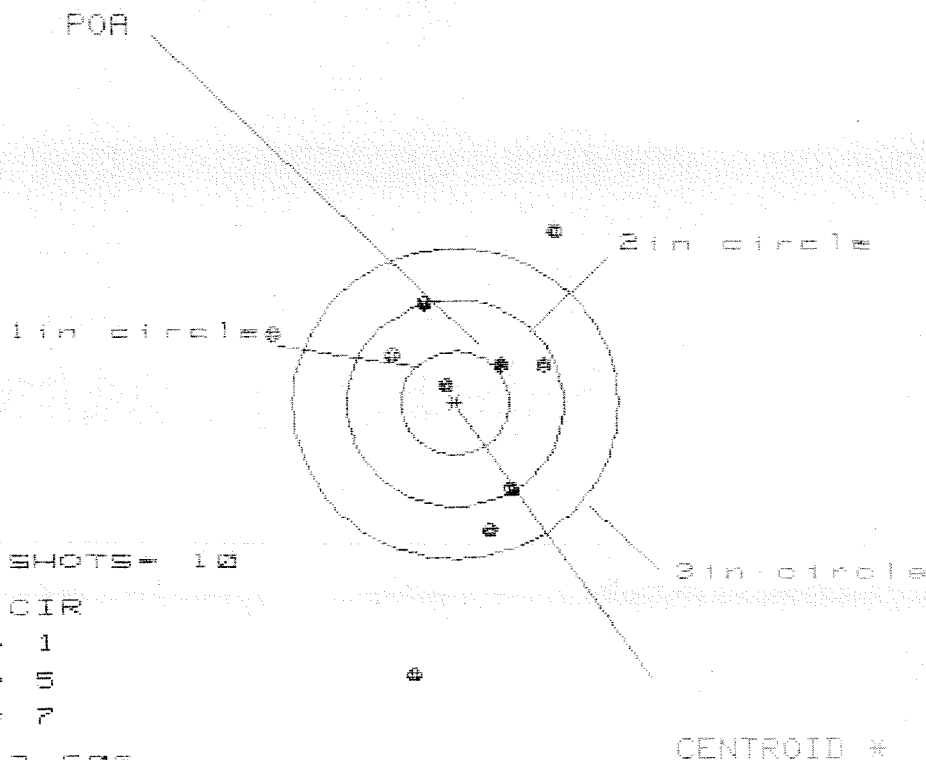
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.152	1.072	.932
MINIMUM X	:	-1.243	-1.323	-1.463
MAXIMUM Y	:	1.730	1.415	1.160
MINIMUM Y	:	-2.830	-2.044	-2.084
CENTROID X	:	.103	.183	.323
CENTROID Y	:	-.737	-.422	-.167
POA TO CENTROID in.	:	.744	.460	.384
MIN RADIUS	:	.732	.434	.308
MEAN RADIUS	:	1.576	1.339	1.128
MAX RADIUS	:	2.920	2.331	2.276
HORIZONTAL SPREAD	:	2.395	2.395	2.395
VERTICAL SPREAD	:	4.560	3.459	3.244
EXTREME SPREAD	:	4.647	3.728	3.392
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		1	
NUMBER IN THREE INCH CIRCLE	=		5	

3 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8866021

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 7

HS = 2.605

VS = 4.254

GS = 4.466

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.959	.915	.932
MINIMUM X	:	-1.646	-1.690	-1.576
MAXIMUM Y	:	1.658	1.369	.866
MINIMUM Y	:	-2.596	-1.493	-1.322
CENTROID X	:	-.415	-.371	-.485
CENTROID Y	:	-.372	-.083	-.254
POA TO CENTROID in.	:	.557	.380	.548
MIN RADIUS	:	.167	.226	.042
MEAN RADIUS	:	1.195	.994	.901
MAX RADIUS	:	2.627	1.728	1.663
HORIZONTAL SPREAD	:	2.605	2.605	2.508
VERTICAL SPREAD	:	4.254	2.862	2.188
EXTREME SPREAD	:	4.466	2.938	2.683
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	7		

3 Dec 1991

FILE: \PATTERNING\CENTERFIRE_PATT\08668021

CENTERFIRE PATTERNS # 2

POR

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 0

2in = 3

3in = 7

HS= 2.409

VS= 4.415

GS= 4.518

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.106	1.029	1.052
MINIMUM X	:	-1.383	-1.460	-1.437
MAXIMUM Y	:	2.068	1.808	1.087
MINIMUM Y	:	-2.347	-2.011	-1.785
CENTROID X	:	-1.156	-0.079	-1.102
CENTROID Y	:	-1.306	-0.046	-1.272
POR TO CENTROID in.	:	.344	.091	.290
MIN RADIUS	:	.615	.523	.667
MEAN RADIUS	:	1.380	1.220	1.154
MAX RADIUS	:	2.448	2.259	2.072
HORIZONTAL SPREAD	:	2.489	2.489	2.489
VERTICAL SPREAD	:	4.415	3.819	2.072
EXTREME SPREAD	:	4.518	3.912	3.115
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		7	

3 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6668021

CENTERFIRE PATTERNS # 1

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 3

2 in = 8

3 in = 8

HS= 1.241

VS= 3.482

GS= 3.489

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.478	.432	.346
MINIMUM X	:	-.762	-.809	-.895
MAXIMUM Y	:	1.972	1.173	1.611
MINIMUM Y	:	-1.510	-1.291	-.785
CENTROID X	:	-.287	-.161	-.075
CENTROID Y	:	-.222	-.441	-.279
POA TO CENTROID in.	:	.304	.463	.289
MIN RADIUS	:	.328	.152	.236
MEAN RADIUS	:	.892	.718	.621
MAX RADIUS	:	2.016	1.463	1.064
HORIZONTAL SPREAD	:	1.241	1.241	1.241
VERTICAL SPREAD	:	3.482	2.464	1.716
EXTREME SPREAD	:	3.489	2.589	1.832
NUMBER IN ONE INCH CIRCLE	=	3		
NUMBER IN TWO INCH CIRCLE	=	8		
NUMBER IN THREE INCH CIRCLE	=	8		