

FORM

UPC



0 47700 25716 7

C6666003

*INCLUDES 1 IN CHAMBER

5716

ORDER NO.

BARREL LENGTH

CAPACITY*

MODEL 700 TM M24

BARBER - M24 0104887

Remington



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

MODEL 700™ M24

SERIAL NO.

C6666003

ORDER NO.

5716

20

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



5716 C6666003

ORDER 5716

MODEL 700™ M24

UPC

ORDER 5716

MODEL 700™ M24

UPC



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GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6666003

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/1/91	KH
600	Proof		10/1/91	KH
607	Check Headspace		10/1/91	KH
610	Dis-assemble Gun		10/1/91	KH
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	LS
618	Polish Barrel		10/14/91	WB
620	Apply Coatings (Barrel Action)		11/1/91	AS
	Apply Coating (Bolt)		11/1/91	AS
625	Final Assembly A) Clean inside of Bolt Assembly		11/6/91	KH
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/6/91	KH
	C) Inspect Ejector Hole for Chamfer		11/6/91	KH
	D) Oil Firing Pin Ass'y		11/6/91	KH
	E) Adjust Trigger Pull to Min Setting and Stake		11-7-91	SC

op. #	BARBER M24 0104889 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			11-7-91	JH
	G) Safety Off Force	3	3	3			11-7-91	JH
	H) Trigger Pull Test & Retainability						11-7-91	JH
	I) Firing Pin Indent	.022	.0215	.0215			11-7-91	JH
	J) Assemble Stock						11/7/91	KL
	K) Assemble Swivel Studs						11-19-91	DH
	L) Attach Front and Rear Sight Assemblies						11/7/91	KL
	M) Iron Sight Alignment						11/7/91	KL
	N) Detach Front & Rear Sights & place in numbered container						11/7/91	KL
	O) Attach Scope to Rifle						11/7/91	KL
	P) Detach & Attach Scope 20 Times						11/7/91	KL
640	Gallery Target & Test						11-11-91	KL
	A) Time						11	KL
	B) Malfunctions						11	KL
	C) Pierced Primers						11	KL
	D) Optical Clarity of Scope						11	KL
645	Inspect for Live Ammo						11-11-91	KL
655	Final Inspection							
	A) Headspace						11-19-91	DH
	B) Trigger Pull	2.71	2.70	2.74	2.74	2.74	11-13-91	KL
	C) Function						11-17-91	DH
660	Pack						12-19-91	KL

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

SERIAL NO. C-6666003DATE 11-7-91TESTER JM

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.33	2.60	2.52	2.71	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.35	2.61	2.50	2.70	
PULL #3	2.56	2.49	2.58	2.74	
PULL #4	2.54	2.37	2.49	2.74	
PULL #5	2.54	2.41	2.46	2.74	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.60	3.59		
PULL #2	3.56	3.54		
PULL #3	3.55	3.63		
PULL #4	3.28	3.63		
PULL #5	3.59	3.61		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.49	4.48		4.54
PULL #2	4.41	4.45		4.51
PULL #3	4.48	4.40		4.55
PULL #4	4.46	4.47		4.55
PULL #5	4.40	4.52		4.56
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6666003
11 Nov 1991

CENTROIDAL DISTANCES

0 TO	1	.200385
1 TO	2	.185852
1 TO	3	.154858
1 TO	4	.129757
1 TO	5	.489197

#5 <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0888
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0418
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0909/19

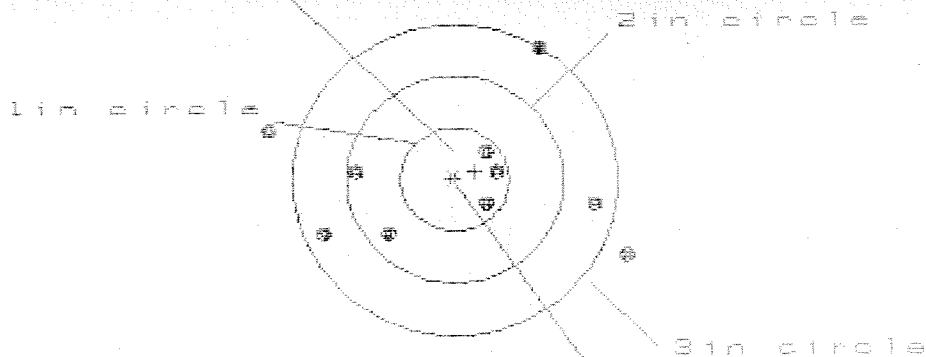
WPE FOR THIS RIFLE IS: .9564

[1] May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8666003

CENTERFIRE PATTERNS # 1

POA



OF SHOTS = 10

IN CIR

1in = 3

2in = 5

3in = 8

HS = 3.258

VS = 1.986

GS = 3.479

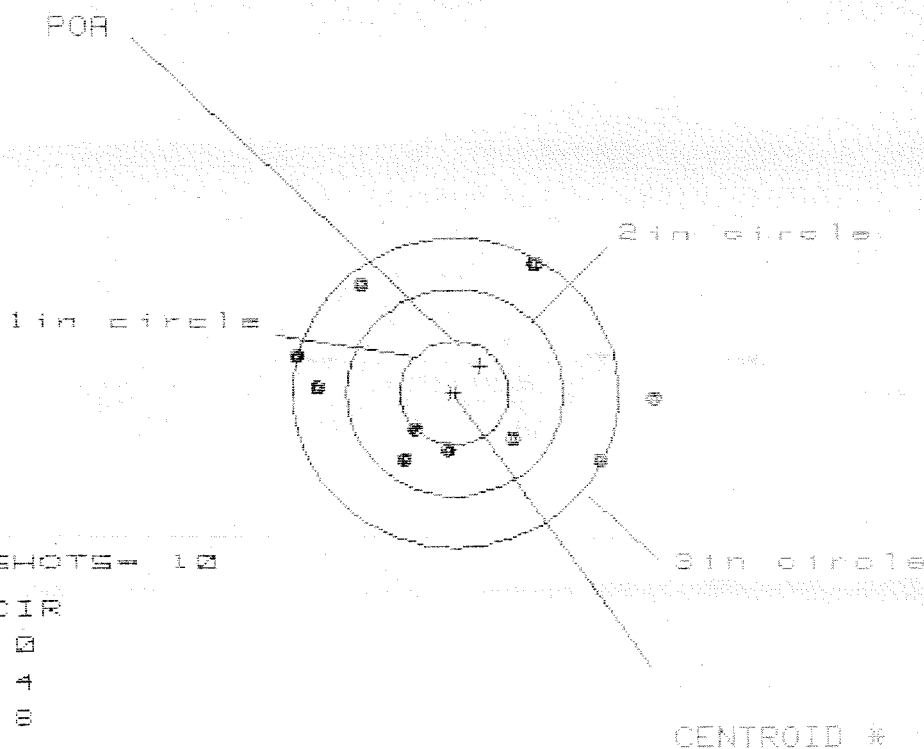
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.544	1.354	1.227
MINIMUM X	-1.714	-1.436	-1.267
MAXIMUM Y	1.271	1.327	1.244
MINIMUM Y	-0.715	-0.659	-0.563
CENTROID X	-0.185	0.005	-0.164
CENTROID Y	-0.077	-0.133	-0.050
POA TO CENTROID in.	0.201	0.133	0.172
MIN RADIUS	0.379	0.221	0.354
MEAN RADIUS	1.051	0.934	0.874
MAX RADIUS	1.786	1.514	1.449
HORIZONTAL SPREAD	3.258	2.790	2.494
VERTICAL SPREAD	1.986	1.986	1.807
EXTREME SPREAD	3.479	2.796	2.702
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

11 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8666003

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 4

3 in = 8

HS= 3.243

VS= 1.925

GS= 3.276

CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.804	1.548	1.177
MINIMUM X	:	-1.439	-1.239	-1.045
MAXIMUM Y	:	1.258	1.251	1.167
MINIMUM Y	:	-.667	-.674	-.729
CENTROID X	:	-.235	-.435	-.629
CENTROID Y	:	-.256	-.249	-.165
POA TO CENTROID in.	:	.347	.501	.650
MIN RADIUS	:	.539	.435	.475
MEAN RADIUS	:	1.148	1.048	.961
MAX RADIUS	:	1.805	1.689	1.657
HORIZONTAL SPREAD	:	3.243	2.787	2.222
VERTICAL SPREAD	:	1.925	1.925	1.896
EXTREME SPREAD	:	3.276	2.985	2.381
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

11 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6666003

CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 0

2 in = 6

3 in = 9

HS = 2.0000

VS = 2.0226

GS = 3.017

CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.638	1.395	1.269
MINIMUM X	:	-1.192	-1.004	-.807
MAXIMUM Y	:	.985	.942	1.002
MINIMUM Y	:	-1.042	-1.084	-1.024
CENTROID X	:	-.075	-.263	-.138
CENTROID Y	:	.032	.074	.014
POA TO CENTROID in.	:	.082	.273	.138
MIN RADIUS	:	.564	.628	.606
MEAN RADIUS	:	1.019	.920	.892
MAX RADIUS	:	1.731	1.397	1.270
HORIZONTAL SPREAD	:	2.880	2.399	2.077
VERTICAL SPREAD	:	2.026	2.026	2.026
EXTREME SPREAD	:	3.017	2.460	2.172
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

11 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08686083

CENTERFIRE PATTERNS # 4

POR

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 4

2in = 6

3in = 9

HS= 2.186

VS= 2.045

GS= 2.888

CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.181	.948	.857
MINIMUM X	:	-1.005	-.873	-.964
MAXIMUM Y	:	.828	.693	.444
MINIMUM Y	:	-1.217	-.872	-.785
CENTROID X	:	-.199	-.331	-.240
CENTROID Y	:	.052	.187	.190
POR TO CENTROID in.	:	.206	.380	.260
MIN RADIUS	:	.051	.064	.044
MEAN RADIUS	:	.751	.595	.558
MAX RADIUS	:	1.696	1.197	1.071
HORIZONTAL SPREAD	:	2.186	1.821	1.821
VERTICAL SPREAD	:	2.045	1.565	1.229
EXTREME SPREAD	:	2.888	2.200	1.827
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

11 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8666003

CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS - 10

IN CIR

1 in = 2

2 in = 8

3 in = 10

IS = 1.884

VS = 1.889

GS = 2.083

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.889	.833	.702
MINIMUM X	:	-.995	-1.051	-.685
MAXIMUM Y	:	.980	1.043	1.071
MINIMUM Y	:	-.909	-.800	-.772
CENTROID X	:	.290	.346	.477
CENTROID Y	:	.040	-.069	-.097
POA TO CENTROID in.	:	.292	.353	.487
MIN RADIUS	:	.408	.422	.289
MEAN RADIUS	:	.813	.768	.698
MAX RADIUS	:	1.104	1.113	1.190
HORIZONTAL SPREAD	:	1.884	1.884	1.387
VERTICAL SPREAD	:	1.889	1.843	1.843
EXTREME SPREAD	:	2.083	1.972	1.972
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	