

FORM

UPC



0 47700 25716 7

C6665961

*INCLUDES 1 IN CHAMBER

CAPACITY*

DANIEL LENGTH

MODEL 700 TM M24

ORDER NO.

5716

BARBER - M24 0104517

Remington



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

MODEL 700 TM M24

SERIAL NO.

C6665961

ORDER NO.

5716

20

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



5716 C6665961

ORDER 5716

MODEL 700 TM M24

UPC

ORDER 5716

MODEL 700 TM M24

UPC



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GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6665961

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		9/25/91	KL
600	Proof		9/25/91	KL
607	Check Headspace		9/25/91	KL
610	Dis-assemble Gun		9/25/91	KL
612	Magnaflux Barrel Action		OCT 2 1991	KR
	Magnaflux Bolt		OCT 2 1991	KR
615	Rollmark Caliber		OCT 2 1991	GB
617	Drill and Tap Sight Holes		OCT 2 1991	LB
618	Polish Barrel		OCT 4 1991	WB
620	Apply Coatings (Barrel Action)		10/14/91	TH
	Apply Coating (Bolt)		10/14/91	TH
625	Final Assembly A) Clean inside of Bolt Assembly		10/31/91	KL
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/31/91	KL
	C) Inspect Ejector Hole for Chamfer		10/31/91	KL
	D) Oil Firing Pin Ass'y		10/31/91	KL
	E) Adjust Trigger Pull to Min Setting and Stake		11/1/91	TH

op. #	BARBER M24 0104519	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			11-1-91	RU
	G) Safety Off Force	4	4	4			11-1-91	RU
	H) Trigger Pull Test & Retainability						11-1-91	RU
	I) Firing Pin Indent	.021	.0205	.0205			11-1-91	RU
	J) Assemble Stock						11/4/91	RU
	K) Assemble Swivel Studs						11/12/91	D/H
	L) Attach Front and Rear Sight Assemblies						11/4/91	RU
	M) Iron Sight Alignment						11/4/91	RU
	N) Detach Front & Rear Sights & place in numbered container						11/4/91	RU
	O) Attach Scope to Rifle						11/4/91	RU
	P) Detach & Attach Scope 20 Times						11/4/91	RU
640	Gallery Target & Test						11-5-91	D/H
	A) Time						11-5-91	D/H
	B) Malfunctions						11-5-91	D/H
	C) Pierced Primers						11-5-91	D/H
	D) Optical Clarity of Scope						11-5-91	D/H
645	Inspect for Live Ammo						11-5-91	D/H
655	Final Inspection						11-19-91	D/H
	A) Headspace						11-19-91	RU
	B) Trigger Pull	2.73	2.69	2.74	2.73	2.58	11-13-91	RU
	C) Function						11-19-91	D/H
660	Pack						12-19-91	RU

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6665961

DATE 11-1-91

TESTER JL.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.47	2.40	2.49	2.73	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.43	2.45	2.55	2.69	
PULL #3	2.41	2.59	2.58	2.74	
PULL #4	2.47	2.56	2.51	2.73	
PULL #5	2.48	2.56	2.50	2.58	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.28	3.21		
PULL #2	3.34	3.35		
PULL #3	3.29	3.22		
PULL #4	3.29	3.28		
PULL #5	3.22	3.30		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.37	4.46		4.57
PULL #2	4.36	4.46		4.51
PULL #3	4.42	4.46		4.21
PULL #4	4.39	4.58		4.46
PULL #5	4.38	4.54		4.48
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665961
5 Nov 1991

CENTROIDAL DISTANCES

0 TO	1	.183
1 TO	2	.173358
1 TO	3	.300852
1 TO	4	.0643506
1 TO	5	.278756

42 <----POA

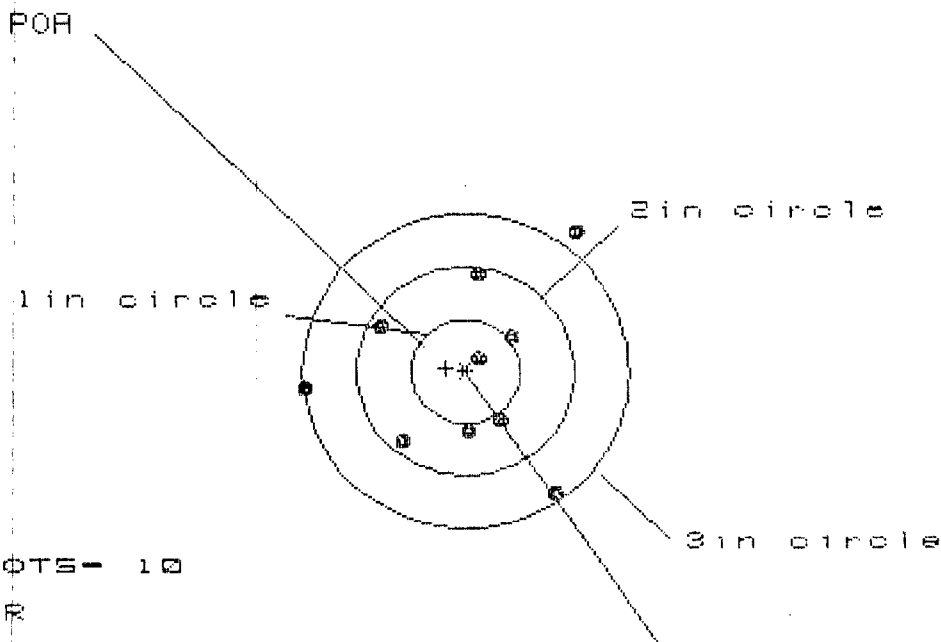
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1144
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.082
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .140753

THE AMP FOR THIS RIFLE IS: 1.015

5 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6865961

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 1

2in = 7

3in = 9

HS= 2.415

VS= 2.505

GS= 2.841

CENTROID *

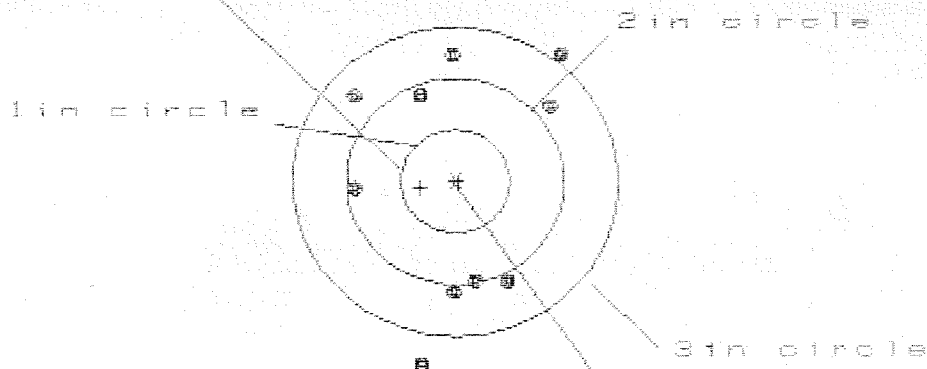
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.978	.894	.728
MINIMUM X	+1.437	-1.329	-.805
MAXIMUM Y	1.359	1.053	1.055
MINIMUM Y	-1.146	-.995	-.993
CENTROID X	.180	.072	.238
CENTROID Y	-.033	-.184	-.186
POA TO CENTROID in.	.183	.198	.302
MIN RADIUS	.172	.350	.255
MEAN RADIUS	.911	.825	.736
MAX RADIUS	1.674	1.338	1.232
HORIZONTAL SPREAD	2.415	2.223	1.533
VERTICAL SPREAD	2.505	2.048	2.048
EXTREME SPREAD	2.841	2.441	2.199
NUMBERS IN ONE INCH CIRCLE	= 1		
NUMBERS IN TWO INCH CIRCLE	= 7		
NUMBERS IN THREE INCH CIRCLE	= 9		

5 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06665961

CENTERFIRE PATTERNS # 2

POR



OF SHOTS - 10

IN CIR

1in = 0

2in = 3

3in = 8

HS = 1.960

VS = 2.973

GS = 3.207

CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.007	.976	.974
MINIMUM X	:	-.953	-.984	-.862
MAXIMUM Y	:	1.244	1.051	1.178
MINIMUM Y	:	-1.729	-1.237	-1.109
CENTROID X	:	.323	.354	.232
CENTROID Y	:	.065	.258	.130
POR TO CENTROID in.	:	.329	.438	.266
MIN RADIUS	:	.850	.688	.759
MEAN RADIUS	:	1.182	1.103	1.054
MAX RADIUS	:	1.752	1.409	1.182
HORIZONTAL SPREAD	:	1.960	1.960	1.836
VERTICAL SPREAD	:	2.973	2.288	2.288
EXTREME SPREAD	:	3.207	2.495	2.289
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		8	

5 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8865961

CENTERFIRE PATTERNS # 3

POR

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS= 10

IN CIR

1in = 3

2in = 4

3in = 8

HS= 1.930

VS= 3.678

GS= 3.690

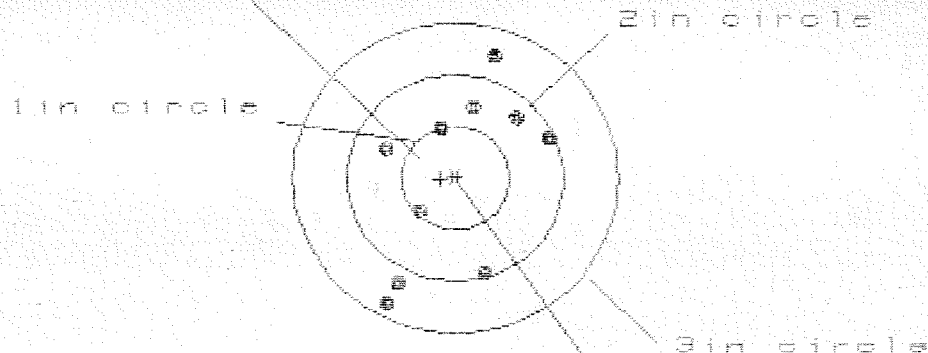
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.898	.911	.964
MINIMUM X	:	-1.032	-1.019	-.966
MAXIMUM Y	:	1.601	1.370	.871
MINIMUM Y	:	-2.077	-1.355	-1.184
CENTROID X	:	-.064	-.077	-.130
CENTROID Y	:	-.209	.022	-.149
POR TO CENTROID in.	:	.218	.080	.197
MIN RADIUS	:	.201	.262	.131
MEAN RADIUS	:	.990	.862	.764
MAX RADIUS	:	2.081	1.433	1.216
HORIZONTAL SPREAD	:	1.930	1.930	1.930
VERTICAL SPREAD	:	3.678	2.725	2.055
EXTREME SPREAD	:	3.690	2.732	2.207
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

5 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8885961

CENTERFIRE PATTERNS # 4

POB



OF SHOTS= 10

IN CIR

1in = 2

2in = 7

3in = 10

HS= 1.565

VS= 2.387

GS= 2.586

CENTROID #

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.893	.822	.857
MINIMUM X	-.672	-.743	-.708
MAXIMUM Y	1.145	1.007	.633
MINIMUM Y	-1.242	-1.104	-.978
CENTROID X	.134	.205	.169
CENTROID Y	.012	.150	.024
POB TO CENTROID in.	.135	.254	.171
MIN RADIUS	.422	.370	.456
MEAN RADIUS	.870	.788	.763
MAX RADIUS	1.396	1.267	1.140
HORIZONTAL SPREAD	1.565	1.565	1.565
VERTICAL SPREAD	2.387	2.111	1.611
EXTREME SPREAD	2.586	2.298	1.964
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

5 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8885361

CENTERFIRE PATTERNS # 5

POR

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIR

1in = 1

2in = 2

3in = 9

HS = 3.127

VS = 2.266

GS = 3.305

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.662	1.227	1.067
MINIMUM X	:	-1.465	-1.281	-1.029
MAXIMUM Y	:	1.211	1.298	1.273
MINIMUM Y	:	-1.055	-0.968	-0.993
CENTROID X	:	-0.001	-0.185	-0.025
CENTROID Y	:	-0.245	-0.332	-0.307
POR TO CENTROID in.	:	.245	.380	.308
MIN RADIUS	:	.159	.292	.142
MEAN RADIUS	:	1.126	1.034	.986
MAX RADIUS	:	1.838	1.407	1.312
HORIZONTAL SPREAD	:	3.127	2.588	2.895
VERTICAL SPREAD	:	2.266	2.266	2.266
EXTREME SPREAD	:	3.305	2.582	2.582
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		2	
NUMBER IN THREE INCH CIRCLE	=		9	