

BARBER - M24 0104292

FURN

UPC



0 47700 25716 7

C6665941

*INCLUDES 1 IN CHAMBER

CAPACITY*

BARREL LENGTH

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.
C6665941

20

ORDER NO.
5716

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



5716 C6665941

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 #

C6665941

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

op. #	BARBER - M24 0104296 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	5	6			10-9-91	Ac
	G) Safety Off Force	4	3	3			10-9-91	Ac
	H) Trigger Pull Test & Retainability						10/9/91	JH
	I) Firing Pin Indent	.020	.020	.020			10-9-91	Ac
	J) Assemble Stock						10/10/91	RW
	K) Assemble Swivel Studs						10-17-91	Ac
	L) Attach Front and Rear Sight Assemblies						10/10/91	RW
	M) Iron Sight Alignment						10/10/91	RW
	N) Detach Front & Rear Sights & place in numbered container						10/10/91	RW
	O) Attach Scope to Rifle						10/10/91	RW
	P) Detach & Attach Scope 20 Times						10/10/91	RW
640	Gallery Target & Test						10-11-91	DH
	A) Time						10-11-91	DH
	B) Malfunctions						10-11-91	DH
	C) Pierced Primers						10-11-91	DH
	D) Optical Clarity of Scope						10-11-91	DH
645	Inspect for Live Ammo						10-11-91	DH
655	Final Inspection							
	A) Headspace						10-17-91	Ac
	B) Trigger Pull	2.45	2.34	2.54	2.45	2.47	10-11-91	DH
	C) Function						10-17-91	Ac
660	Pack						12-17-91	VF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C-6665941

DATE 10/9/91

TESTER JU

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.49	2.41	2.42	2.45	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.19	2.22	2.40	2.34	
PULL #3	2.49	2.47	2.25	2.54	
PULL #4	2.22	2.45	2.48	2.45	
PULL #5	2.46	2.39	2.48	2.47	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.62	3.48		
PULL #2	3.55	3.44		
PULL #3	3.48	3.50		
PULL #4	3.44	3.43		
PULL #5	3.45	3.39		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.33	4.27		4.26
PULL #2	4.27	4.28		4.33
PULL #3	4.30	4.30		4.30
PULL #4	4.31	4.29		4.26
PULL #5	4.31	4.28		4.26
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS.
FOR RIFLE # 06665941
14 Oct 1991

CENTROIDAL DISTANCES

0 TO	1	.278007
1 TO	2	.202425
1 TO	3	.54733
1 TO	4	.201817
1 TO	5	.393731

14.3 <----POA
5

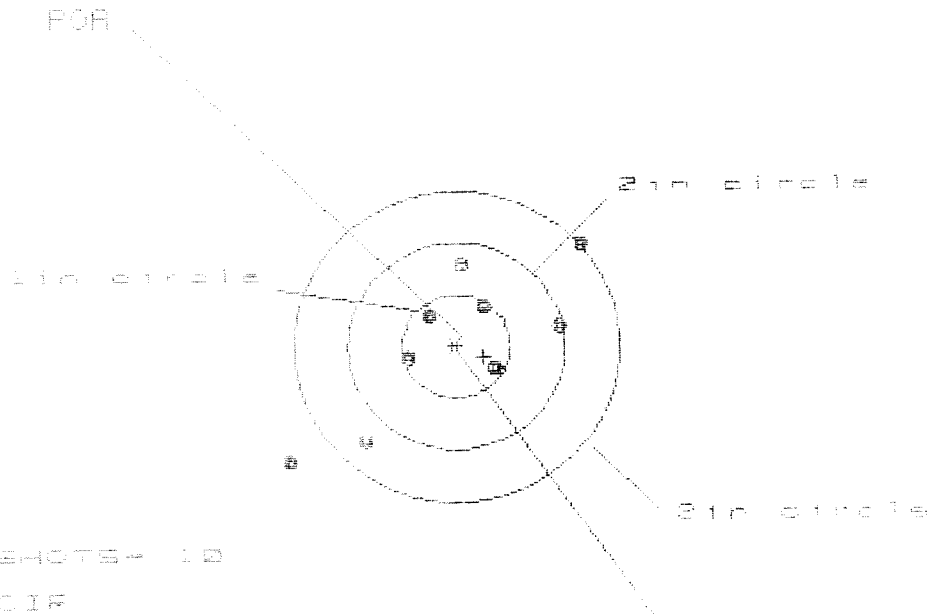
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0428
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0224
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .048307;

THE AMR FOR THIS RIFLE IS: .8404

14 DEC 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08885941

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 4

2 in = 7

3 in = 8

ME = 2.733

SE = 2.897

CE = 3.436

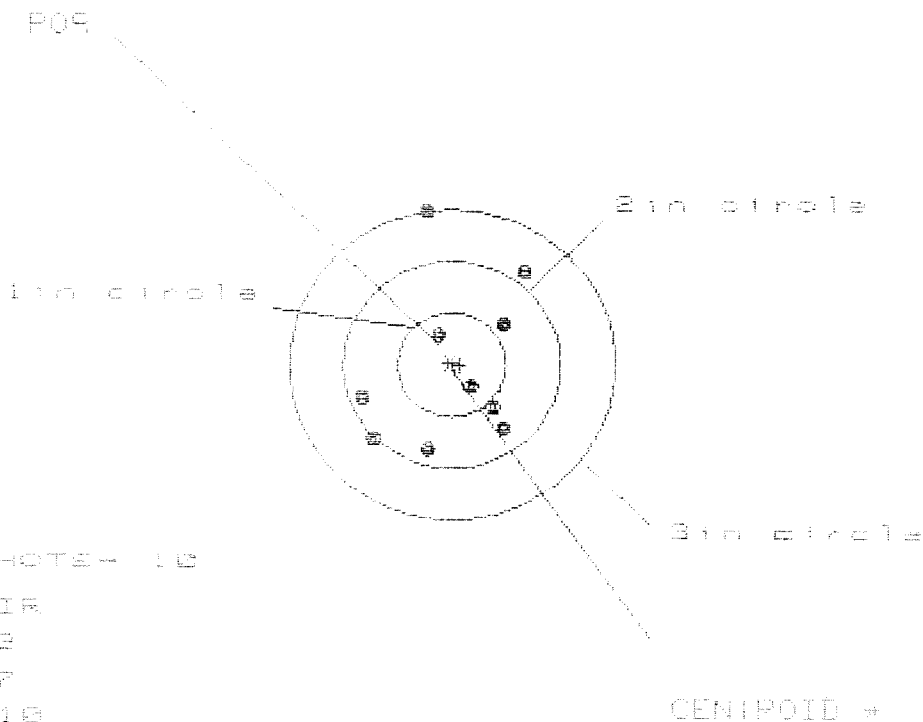
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.166	.993	.878
MINIMUM X	-1.556	-1.051	-.926
MAXIMUM Y	.956	.829	.776
MINIMUM Y	-1.141	-1.034	-.930
CENTROID X	-.254	-.081	-.205
CENTROID Y	.188	.235	.131
POA TO CENTROID IN.	.275	.248	.244
1 IN RADIUS	.342	.315	.346
2 IN RADIUS	.853	.706	.681
3 IN RADIUS	1.929	1.474	1.313
HORIZONTAL SPREAD	2.722	2.044	1.804
VERTICAL SPREAD	2.097	1.963	1.786
CIRCULAR SPREAD	3.436	2.766	2.096
SHOTS IN ONE INCH CIRCLE	=	4	
SHOTS IN TWO INCH CIRCLE	=	7	
SHOTS IN THREE INCH CIRCLE	=	8	

14 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PAT/08080341

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 7

3 in = 10

HE# 1.542

VS# 2.270

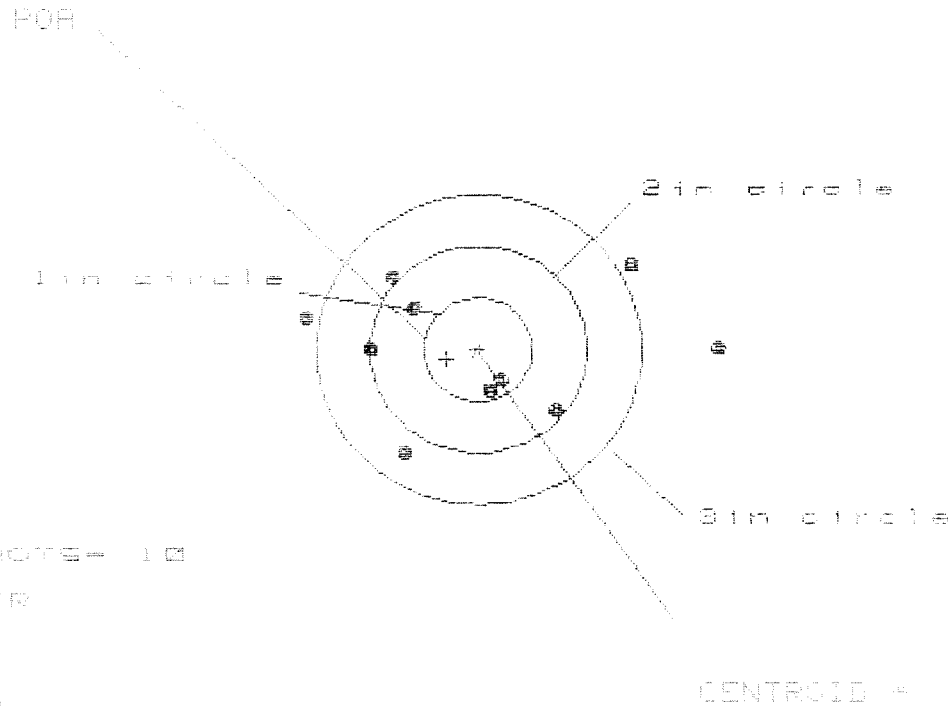
GS# 2.270

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.682	1.659	1.565
MINIMUM X	-1.801	-1.884	-1.882
MAXIMUM Y	1.450	1.038	1.641
MINIMUM Y	-1.821	-1.659	-1.530
CENTROID X	-1.078	-1.055	-1.137
CENTROID Y	1.000	-1.153	-1.282
POB TO CENTROID in.	1.078	1.162	1.314
1 in RADIUS	1.267	1.172	1.275
2 in RADIUS	1.783	1.683	1.615
3 in RADIUS	1.464	1.229	1.808
HORIZONTAL SPREAD	1.543	1.543	1.367
VERTICAL SPREAD	2.270	1.697	1.171
EXTREME SPREAD	2.270	2.105	1.559
SHOTS IN ONE INCH CIRCLE =	2		
SHOTS IN TWO INCH CIRCLE =	7		
SHOTS IN THREE INCH CIRCLE =	10		

A 001 1981

FILE:/PATTERNING/CENTERFIRE_PATT/06685941

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 2

2in = 4

3in = 7

HST= 3.828

VSE= 1.756

QSE= 3.817

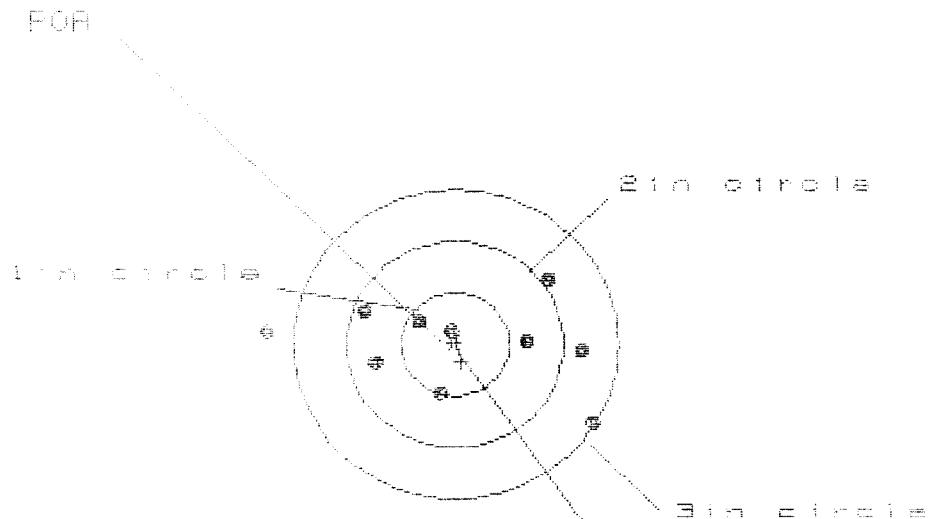
PATTERN #	1	3	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.182	1.631	1.453
MINIMUM X	-1.626	-1.383	-1.937
MAXIMUM Y	.764	.769	.809
MINIMUM Y	-1.986	-1.981	-1.941
CENTROID X	.293	.050	.223
CENTROID Y	.089	.084	.044
POB TO CENTROID in.	.396	.098	.227
MIN RADIUS	.397	.532	.389
MEAN RADIUS	1.115	.974	.907
MR RADIUS	2.183	1.803	1.667
HORIZONTAL SPREAD	3.808	3.014	2.395
VERTICAL SPREAD	1.756	1.750	1.750
EXTREME SPREAD	3.817	3.848	2.718
COUNT IN ONE INCH CIRCLE	=	2	
COUNT IN TWO INCH CIRCLE	=	4	
COUNT IN THREE INCH CIRCLE	=	7	

14 Oct 1951

FILE:/PATTERNING/CENTERFIRE_PATT/C8665341

CENTERFIRE PATTERNS

4



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 5

3 in = 9

HS= 2.026

VS= 1.417

GS= 3.138

CENTROID #

PATTERN #

4

SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.252	1.055	1.084
MINIMUM X	:	-1.774	-1.012	-0.930
MAXIMUM Y	:	1.679	1.690	1.599
MINIMUM Y	:	-1.738	-1.727	-1.696
CENTROID X	:	-1.061	1.136	1.084
CENTROID Y	:	1.167	1.156	1.247
FOR TO CENTROID IN.	:	1.178	1.207	1.247
MIN RADIUS	:	1.152	1.297	1.138
MEAN RADIUS	:	1.896	1.805	1.717
MAX RADIUS	:	1.777	1.281	1.091
HORIZONTAL SPREAD	:	3.026	2.067	1.964
VERTICAL SPREAD	:	1.417	1.417	1.185
EXTREME SPREAD	:	3.138	2.340	2.066
SHOTS IN ONE INCH CIRCLE	=		2	
SHOTS IN TWO INCH CIRCLE	=		6	
SHOTS IN THREE INCH CIRCLE	=		9	

(4 Dec 1981)

FILE: PATTERNING/CENTERFIRE_PATT/08665941

CENTERFIRE PATTERNS # 5

POR

1 in circle

2 in circle

3 in circle

CENTROID *

* OF SHOTS = 12

IN CIR

1 in = 1

2 in = 6

3 in = 10

MEAN = 1.621

MS = 6.608

SE = 2.475

PATTERN #

5

SHOTS (BEST OF)	1	10	9	8
MAXIMUM X	1.735	1.800	1.700	
MINIMUM X	-1.806	-1.801	-1.655	
MAXIMUM Y	1.883	1.758	1.971	
MINIMUM Y	-1.125	-1.443	-1.348	
CENTROID X	-1.114	-1.179	-1.079	
CENTROID Y	-1.260	-1.135	-1.208	
CL OF CENTROID (in)	1.284	1.224	1.248	
MIN RADIUS	1.115	1.188	1.072	
MEAN RADIUS	1.554	1.488	1.375	
MAX RADIUS	1.286	1.103	1.742	
STANDARD SPREAD	1.601	1.601	1.355	
MEAN SPREAD	2.008	1.201	1.719	
MAX SPREAD	2.475	1.738	1.938	
CL OF ONE INCH CIRCLE	=	6		
CL OF TWO INCH CIRCLE	=	8		
CL OF THREE INCH CIRCLE	=	10		