

BARBER - M24 0104647

11111111

FOEN

UPC



0 47700 25716 7

6665974

*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.
C6665974

ORDER NO.
5716

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



5716 C6665974

ORDER 5716

MODEL 700™ M24

UPC

ORDER 5716

MODEL 700™ M24

UPC



0 47700 25716 7



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GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6665974

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		9/27/91	KA
600	Proof		9/27/91	KA
607	Check Headspace		9/27/91	KA
610	Dis-assemble Gun		9/27/91	KA
612	Magnaflux Barrel Action		OCT 4 1991	KCD
	Magnaflux Bolt		OCT 4 1991	KCD
615	Rollmark Caliber		OCT 4 1991	GS
617	Drill and Tap Sight Holes		OCT 4 1991	EB
618	Polish Barrel		OCT 4 1991	WB
620	Apply Coatings (Barrel Action)		10-18-91	KA
	Apply Coating (Bolt)		10-18-91	KA
625	Final Assembly A) Clean inside of Bolt Assembly		10/31/91	KA
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/31/91	KA
	C) Inspect Ejector Hole for Chamfer		10/31/91	KA
	D) Oil Firing Pin Ass'y		10/31/91	KA
	E) Adjust Trigger Pull to Min Setting and Stake		11-1-91	KA

op. #	BARBER - M24 0104651	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	6	6			11-1-91	JK
	G) Safety Off Force	4	4	4			11-1-91	JK
	H) Trigger Pull Test & Retainability						11-1-91	JK
	I) Firing Pin Indent	.021	.021	.021			11-1-91	JK
	J) Assemble Stock						11/1/91	JK
	K) Assemble Swivel Studs						11-9-91	DH
	L) Attach Front and Rear Sight Assemblies						11/1/91	JK
	M) Iron Sight Alignment						11/1/91	JK
	N) Detach Front & Rear Sights & place in numbered container						11/1/91	JK
	O) Attach Scope to Rifle						11/1/91	JK
	P) Detach & Attach Scope 20 Times						11/1/91	JK
640	Gallery Target & Test						11-4-91	AC
	A) Time						11-4-91	AC
	B) Malfunctions						11-4-91	AC
	C) Pierced Primers						11-4-91	AC
	D) Optical Clarity of Scope						11-4-91	AC
645	Inspect for Live Ammo						11-4-91	AC
655	Final Inspection							
	A) Headspace						11-9-91	DH
	B) Trigger Pull	2.53	2.70	2.66	2.72	2.63	11-13-91	JK
	C) Function						11-9-91	DH
660	Pack						12-19-91	JK

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C-6665974

DATE 11-1-91

TESTER *JL*

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.45	2.58	2.56	2.53	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.60	2.64	2.51	2.70	
PULL #3	2.48	2.55	2.48	2.66	
PULL #4	2.53	2.42	2.55	2.72	
PULL #5	2.68	2.49	2.53	2.63	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.49	3.50		
PULL #2	3.45	3.58		
PULL #3	3.50	3.58		
PULL #4	3.55	3.52		
PULL #5	3.51	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	4.37	4.39		4.43
PULL #2	4.39	4.27		4.37
PULL #3	4.29	4.45		4.33
PULL #4	4.38	4.38		4.37
PULL #5	4.30	4.35		4.39
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665974
5 Nov 1991

CENTROIDAL DISTANCES

0 TO	1	.271061
1 TO	2	.178844
1 TO	3	.63936
1 TO	4	.101415
1 TO	5	.301811

$\frac{3}{21}$ (----)FOR

THE RIFLE IS: -.2530
THE RIFLE IS: -.0298
THE RIFLE IS: .254940

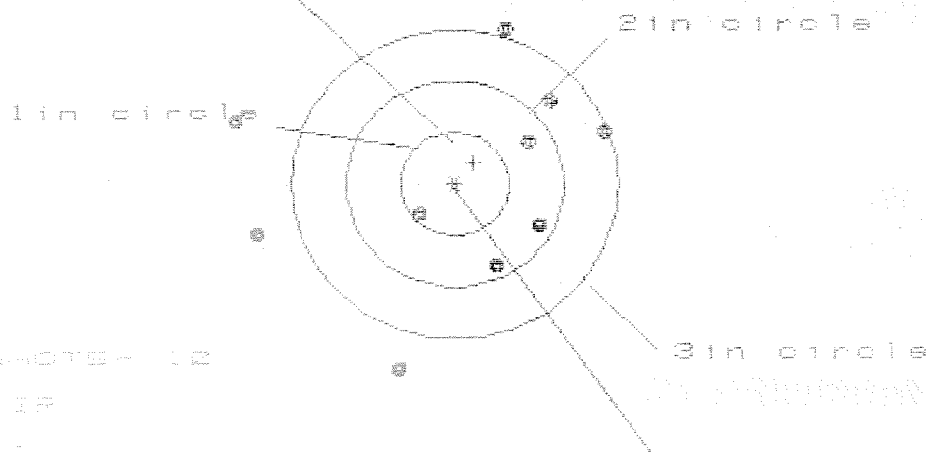
FOR THE RIFLE IS: .254940

4 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8885974

CENTERFIRE PATTERNS # 1

POB



4.00 SHOTS- 12

4.00 CIP

4.00 CIP

4.00 CIP

4.00 CIP

4.00

4.00

4.00

CENTROID *

1

1.00

10

9

8

-3.885

1.159

.986

2.014

-2.024

-.976

1.430

1.649

1.489

1.700

-1.700

-1.769

1.031

.031

.304

1.271

-1.271

-.211

1.276

.276

.370

1.591

.591

.444

1.166

1.166

.999

1.066

1.066

2.020

1.161

1.161

1.692

1.258

1.258

3.258

1.400

1.400

3.400

1.000

1.000

1.000

1.000

1.000

1.000

1.000

1.000

1.000

4 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8885374

CENTERFIRE PATTERNS

2

POA

1in circle

2in circle

2in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 - 0

2 - 0

3 - 0

4 - 0

5 - 0

6 - 0

PATTERN #

1

2

SHOTS (BEST OF)

1

10

9

8

MINIMUM

1

.964

.690

.751

MINIMUM

1

-1.033

-1.109

-.543

MINIMUM

1

1.104

.917

.774

MINIMUM

1

-1.684

-1.141

-.924

MINIMUM

1

.542

-.268

-.129

MINIMUM

1

.127

-.084

.059

MINIMUM

1

.431

.281

.142

MINIMUM

1

.398

.383

.496

MINIMUM

1

.801

.793

.694

MINIMUM

1

.911

1.532

.941

MINIMUM

1

1.775

1.699

1.294

MINIMUM

1

2.101

2.056

1.698

MINIMUM

1

2.901

2.724

1.783

MINIMUM

1

0

0

0

MINIMUM

1

0

0

0

MINIMUM

1

0

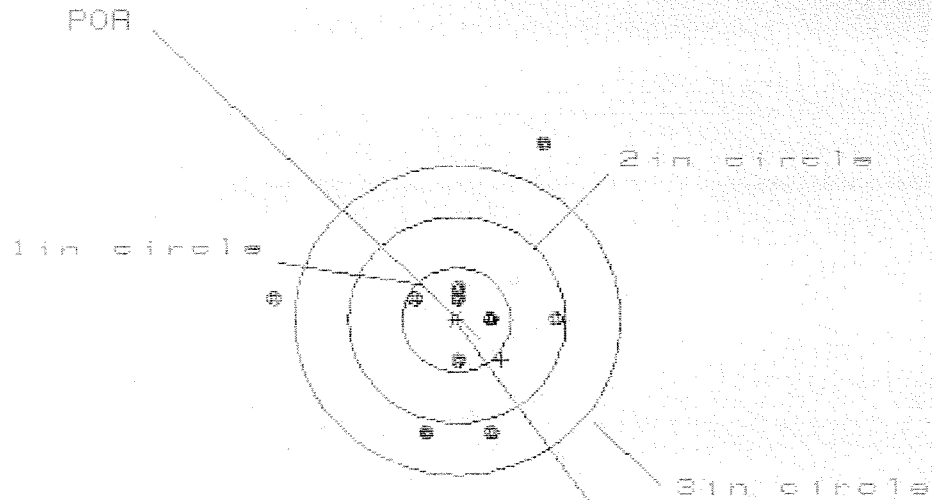
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4 Nov 1991

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 5

2in = 5

3in = 0

ACF = 0.574

VG = 0.787

GS = 0.904

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.930	1.020	.826
MINIMUM X	-1.644	-1.554	-.518
MAXIMUM Y	1.684	.482	.527
MINIMUM Y	-1.100	-.916	-.871
CENTROID X	-.409	-.499	-.305
CENTROID Y	.388	.301	.156
FOR TO CENTROID	.584	.538	.342
MIN RADIUS	.246	.232	.190
MEAN RADIUS	.866	.736	.608
MS. RADIUS	1.000	1.595	.944
ACF (X) SPREAD	2.814	2.574	1.344
VERT. (Y) SPREAD	2.787	1.938	1.398
EXTREME SPREAD	2.904	2.586	1.625
NUMBER IN ONE INCH CIRCLE	5	5	5
NUMBER IN TWO INCH CIRCLE	6	6	6
NUMBER IN THREE INCH CIRCLE	8	8	8

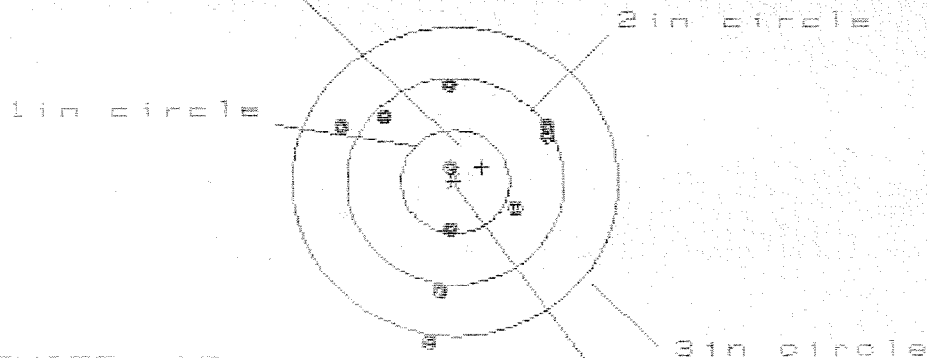
4 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8685974

CENTERFIRE PATTERNS

4

FOR



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 8

ME = 1.000

V0 = 2.501

G0 = 0.000

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.053	.821	.690
MINIMUM X	-1.014	-1.046	-.761
MAXIMUM Y	.937	.761	.811
MINIMUM Y	-1.584	-1.225	-1.174
CENTROID X	-.252	-.220	-.089
CENTROID Y	-.141	.035	-.015
FOR TO CENTROID	.189	.222	.090
MIN RADIUS	.133	.060	.172
MEAN RADIUS	.377	.776	.728
MAX RADIUS	1.610	1.245	1.227
HORIZONTAL SPREAD	1.887	1.067	1.451
VERTICAL SPREAD	2.021	1.986	1.986
EXTREME SPREAD	2.000	1.991	1.991
NUMBER IN ONE INCH CIRCLE	0	2	0
NUMBER IN TWO INCH CIRCLE	0	6	0
NUMBER IN THREE INCH CIRCLE	0	9	8

4 Nov 1991

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CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

OF SHOTS - 10

IN CIR

1in = 1

2in = 7

3in = 8

MEAN = 2.065

MS = 2.770

SS = 2.876

CENTROID #

PATTERN #

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.125	1.033	.955
MINIMUM X	-.940	-1.032	-1.110
MAXIMUM Y	1.367	.970	.713
MINIMUM Y	-1.411	-1.260	-1.884
MEAN X	-.086	.004	.082
MEAN Y	-.022	-.070	.087
POA TO CENTROID	.120	.070	.120
X-SPREAD	.310	.456	.329
Y-SPREAD	.310	.348	.743
SPREAD	.407	1.407	1.361
SPREAD	.061	2.065	2.865
SPREAD	2.770	2.130	1.997
SPREAD	2.876	2.250	2.260
SPREAD	1	1	1
SPREAD	7	7	7
SPREAD	8	8	8