

FORM

UPC



0 47700 25716 7

C6665831

*INCLUDES 1 IN CHAMBER

MODEL 700 TM M24

ORDER NO. 5716

BARREL LENGTH

CAPACITY*

RemingtonVERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.**MODEL 700™ M24****SERIAL NO.****C6665831****ORDER NO.****5716**

20

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



5716 C6665831

ORDER 5716

MODEL 700™ M24

UPC

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MODEL 700™ M24

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GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6665831

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		9/26/91	KA
600	Proof		9/26/91	KA
607	Check Headspace		9/26/91	KA
610	Dis-assemble Gun		9/26/91	KA
612	Magnaflux Barrel Action		OCT 1 0 1991	KCR
	Magnaflux Bolt		OCT 1 0 1991	KCR
615	Rollmark Caliber		OCT 1 0 1991	GB
617	Drill and Tap Sight Holes		OCT 1 5 1991	LB
618	Polish Barrel		OCT 1 5 1991	WB
620	Apply Coatings (Barrel Action)		11/8-91	KA
	Apply Coating (Bolt)			KA
625	Final Assembly A) Clean inside of Bolt Assembly		12/3/91	KA
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		12/3/91	KA
	C) Inspect Ejector Hole for Chamfer		12/3/91	KA
	D) Oil Firing Pin Ass'y		12/3/91	KA
	E) Adjust Trigger Pull to Min Setting and Stake		12-4-91	KA

op. #	BARBER M24 0103132	READINGS				DATE	INIT
625 cont.	F) Safety On Force	6	6	6	6	12-4-91	SM
	G) Safety Off Force	4	4	4	4	12-4-91	SM
	H) Trigger Pull Test & Retainability					12-4-91	SM
	I) Firing Pin Indent	.020	.021	.021	.021	12-4-91	SM
	J) Assemble Stock					12/4/91	SM
	K) Assemble Swivel Studs					12-7-91	AC
	L) Attach Front and Rear Sight Assemblies					12/4/91	SM
	M) Iron Sight Alignment					12/4/91	SM
	N) Detach Front & Rear Sights & place in numbered container					12/4/91	SM
	O) Attach Scope to Rifle					12/4/91	SM
	P) Detach & Attach Scope 20 Times					12/4/91	SM
640	Gallery Target & Test					12/4/91	KT
	A) Time					12/4/91	KT
	B) Malfunctions					12/4/91	KT
	C) Pierced Primers					12/4/91	KT
	D) Optical Clarity of Scope					12/4/91	KT
645	Inspect for Live Ammo					12/4/91	KT
655	Final Inspection					12-7-91	AC
	A) Headspace					12-7-91	AC
	B) Trigger Pull	249	250	252	252	12-5-91	DH
	C) Function					12-7-91	AC
660	Pack					12-11-91	V

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6665831

DATE 12-4-91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.26	2.36	2.45	2.49	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.31	2.35	2.49	2.50	
PULL #3	2.42	2.34	2.51	2.52	
PULL #4	2.27	2.34	2.38	2.52	
PULL #5	2.32	2.41	2.35	2.52	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.33	3.44		
PULL #2	3.28	3.57		
PULL #3	3.44	3.45		
PULL #4	3.33	3.37		
PULL #5	3.39	3.49		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.21	4.50		4.66
PULL #2	4.54	4.43		4.56
PULL #3	4.56	4.48		4.68
PULL #4	4.50	4.55		4.20
PULL #5	4.46	4.66		4.20
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS

FOR RIFLE # C6665831

4 Dec 1991

CENTROIDAL DISTANCES

0 TO 1	.175204
1 TO 2	.0623699
1 TO 3	.203806
1 TO 4	.413948
1 TO 5	.324785

POA

IS: -.0456

IS: -.0256

RIFLE IS: .0561689

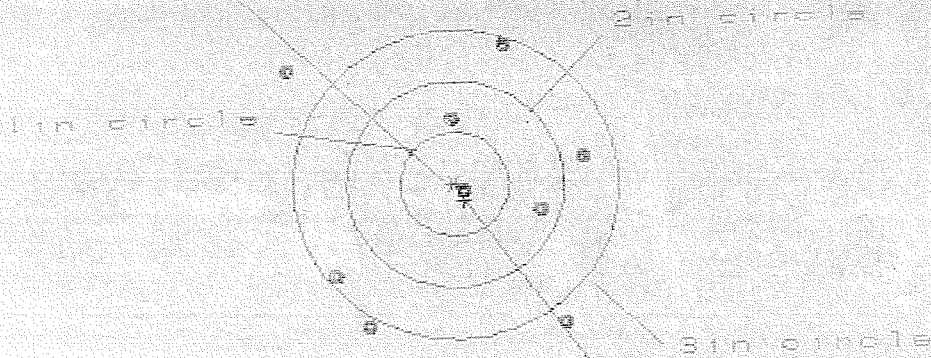
1 Dec 1991

FILE: /PATTERNING/CENTERFIRE_PATT/C8665831

CENTERFIRE PATTERNS

1

FOR



OF SHOTS = 10

IN CIR

1
4
7

CENTROID #

1.748
1.666
1.888

1.748

1.666

1.888

1.748

1.666

1.888

1.748

1.666

1.888

1.748

1.666

1.888

1.748

1.666

1.888

10

1.248

1.173

1.084

1.014

.994

.954

.937

.925

.917

1.878

2.748

1.878

1.928

9

1.049

-1.291

1.446

-1.250

.892

.833

.897

.887

1.035

1.599

2.340

2.696

2.975

8

1.154

-1.186

1.294

-1.403

-.013

.186

.186

.101

.357

1.662

2.340

2.696

2.975

4 Oct 1991

FILE: PATTERNING/CENTERFIRE_PATT/C8565031

CENTERFIRE PATTERNS

2

POA

2 in circle

1 in circle

3 in circle

OF SHOTS- 10

IN CIRCLE

1 in = 1

2 in = 5

3 in = 7

1st = 2.220

2nd = 2.638

3rd = 3.795

CENTROID *

PATTERN #

1.2

POINTS (BEST OF)

10

9

8

MAXIMUM X

1.469

1.203

1.004

MINIMUM X

-1.751

-1.587

-1.749

MAXIMUM Y

1.190

1.029

1.079

MINIMUM Y

-1.440

-1.217

-1.167

CENTROID X

-.091

-.255

-.056

CENTROID Y

.097

.258

.208

AVG TO CENTROID (in)

.134

.363

.216

1st RADIUS

.094

.323

.174

2nd RADIUS

1.162

1.058

.953

3rd RADIUS

2.063

1.711

1.758

HORIZONTAL SPREAD

3.220

2.790

2.753

VERTICAL SPREAD

2.638

2.246

2.246

1st RANGE SPREAD

3.795

3.225

2.926

NUMBER IN ONE INCH CIRCLE =

1

NUMBER IN TWO INCH CIRCLE =

5

NUMBER IN THREE INCH CIRCLE =

7

4 Oct 1991

FILE: PATTERNING/CENTERFIRE_PATT/06065081

CENTERFIRE PATTERNS # 3

POB

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 4

2in = 5

3in = 10

HS= 2.180

VS= 1.590

GE= 2.366

CENTROID *

PATTERN #

SHOTS (BEST OF)

MAXIMUM X

MINIMUM X

MAXIMUM Y

MINIMUM Y

CENTROID X

CENTROID Y

POB TO CENTROID in.

MIN RADIUS

MEAN RADIUS

MAX RADIUS

HORIZONTAL SPREAD

VERTICAL SPREAD

EXTREME SPREAD

NUMBER IN ONE INCH CIRCLE =

NUMBER IN TWO INCH CIRCLE =

NUMBER IN THREE INCH CIRCLE =

10

9

8

.972

.840

.673

-1.288

-1.340

-.644

.460

.508

.537

-1.133

-1.090

-1.061

.085

.218

.385

.037

-.011

-.040

.094

.218

.387

.085

.146

.053

.728

.652

.553

1.264

1.360

1.242

2.180

2.180

1.317

1.590

1.598

1.598

2.366

2.295

1.804

4

6

10

4 Dec 1991

FILE: PATTERNING/CENTERFIRE PATT/C6685031

CENTERFIRE PATTERNS

4

FOR

1 in circle

2 in circle

3 in circle

CENTROID

OF SHOTS= 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS= 3.030

VS= 2.881

CS= 3.723

PATTERN

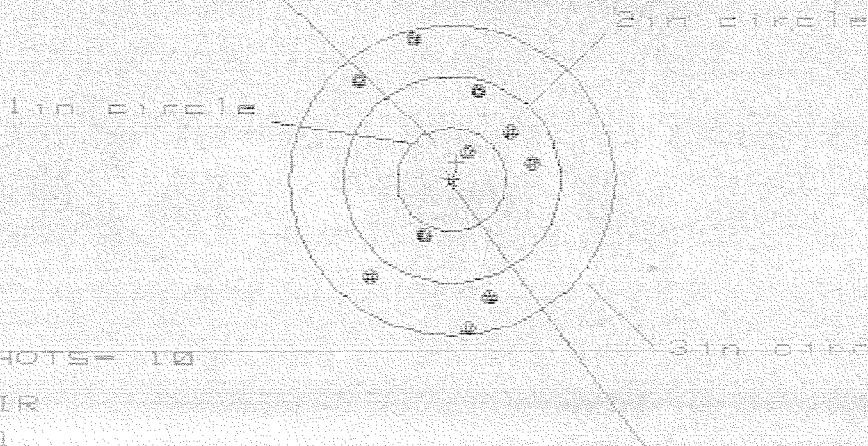
	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.085	1.869	1.715
MINIMUM X	-1.935	-1.235	-1.072
MAXIMUM Y	1.377	1.210	1.566
MINIMUM Y	-1.584	-1.679	-1.528
CENTROID X	-1.106	1.109	1.263
CENTROID Y	-1.255	-1.088	-1.239
FOR TO CENTROID in.	1.276	1.140	1.355
MIN RADIUS	1.221	1.170	1.235
MEAN RADIUS	1.952	1.738	1.576
APR RADIUS	2.451	1.728	1.872
HORIZONTAL SPREAD	3.020	2.104	1.787
VERTICAL SPREAD	3.881	1.809	1.194
EXTREME SPREAD	3.720	2.542	1.918
NUMBER IN ONE INCH CIRCLE	=	2	
NUMBER IN TWO INCH CIRCLE	=	6	
NUMBER IN THREE INCH CIRCLE	=	8	

4 Dec 1991

FILE: PATTERNING/CENTERFIRE_PATT/C8685831

CENTERFIRE PATTERN # 5

POB



OF SHOTS= 10

3 in circle

IN CIR

1 in = 1

2 in = 5

3 in = 10

CENTROID *

HS= 1.557

VS= 2.835

CS= 2.888

PATTERN #

5

SHOTS (BEST OF)

10

9

8

MAXIMUM X

.734

.753

.714

MINIMUM X

-.833

-.814

-.853

MAXIMUM Y

1.656

1.192

.969

MINIMUM Y

-1.479

-1.286

-1.137

CENTROID X

-.044

-.063

-.024

CENTROID Y

-.165

-.001

-.158

POB TO CENTROID IN.

.171

.063

.152

MIN RADIUS

.338

.229

.314

MEAN RADIUS

.902

.903

.863

MED RADIUS

1.489

1.358

1.291

HORIZONTAL SPREAD

1.567

1.567

1.567

VERTICAL SPREAD

2.835

2.478

2.186

EXTREME SPREAD

2.888

2.582

2.435

NUMBER IN ONE INCH CIRCLE =

1

NUMBER IN TWO INCH CIRCLE =

5

NUMBER IN THREE INCH CIRCLE =

10