

FORM

UPC



0 47700 25716 2

C6665841

INCLUDES 1 IN CHAMBER

MODEL 700 TM M24

ORDER NO. 5716

BARREL LENGTH

CAPACITY*

BARBER - M24 0103226

Remington



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

MODEL 700TM M24

SERIAL NO.

C6665841

ORDER NO.

5716

20

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



5716 C6665841

ORDER 5716

MODEL 700TM M24

UPC



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ORDER 5716

MODEL 700TM M24

UPC



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GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6665841

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/1/91	KL
600	Proof		10/1/91	KL
607	Check Headspace		10/1/91	KL
610	Dis-assemble Gun		10/1/91	KL
612	Magnaflux Barrel Action		OCT 8 1991	KR
	Magnaflux Bolt		OCT 8 1991	KR
615	Rollmark Caliber		OCT 8 1991	JB
617	Drill and Tap Sight Holes		OCT 8 1991	LB
618	Polish Barrel		10/15/91	WB
620	Apply Coatings (Barrel Action)		11/2/91	KL
	Apply Coating (Bolt)		11/2/91	KL
625	Final Assembly A) Clean inside of Bolt Assembly		11/26/91	KL
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/26/91	KL
	C) Inspect Ejector Hole for Chamfer		11/26/91	KL
	D) Oil Firing Pin Ass'y		11/26/91	KL
	E) Adjust Trigger Pull to Min Setting and Stake		11-27-91	KL

op. #	OP. NAME	READINGS				DATE	INIT
625 cont.	F) Safety On Force	6	6	6		11-27-91	SH
	G) Safety Off Force	4	4	4		11-27-91	SH
	H) Trigger Pull Test & Retainability					11-27-91	SH
	I) Firing Pin Indent	.020	.0205	.0205		11-27-91	SH
	J) Assemble Stock					11/27/91	SH
	K) Assemble Swivel Studs					12-3-91	Ac
	L) Attach Front and Rear Sight Assemblies					11/27/91	SH
	M) Iron Sight Alignment					11/27/91	SH
	N) Detach Front & Rear Sights & place in numbered container					11/27/91	SH
	O) Attach Scope to Rifle					11/27/91	SH
	P) Detach & Attach Scope 20 Times					11/27/91	SH
640	Gallery Target & Test					12-2-91	DH
	A) Time					12-2-91	DH
	B) Malfunctions					12-2-91	DH
	C) Pierced Primers					12-2-91	DH
	D) Optical Clarity of Scope					12-2-91	DH
645	Inspect for Live Ammo					12-2-91	DH
655	Final Inspection						
	A) Headspace					12-3-91	Ac
	B) Trigger Pull	268	275	274	267	272	12-2-91 DH
	C) Function					12-3-91	Ac
660	Pack					12-19-91	NF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C-6665841DATE 11-27-91TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.56	2.50	2.49	2.68	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.44	2.46	2.44	2.75	
PULL #3	2.55	2.46	2.51	2.74	
PULL #4	2.48	2.51	2.57	2.67	
PULL #5	2.45	2.56	2.44	2.72	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.55	3.60		
PULL #2	3.30	3.65		
PULL #3	3.48	3.54		
PULL #4	3.54	3.50		
PULL #5	3.56	3.52		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.30	4.28		4.25
PULL #2	4.38	4.25		4.20
PULL #3	4.23	4.26		4.22
PULL #4	4.20	4.25		4.22
PULL #5	4.28	4.23		4.18
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665841
3 Dec 1991

CENTROIDAL DISTANCES

0 TO 1	.490408
1 TO 2	.36809
1 TO 3	.4211
1 TO 4	.346883
1 TO 5	.38297

#1 <----FOR

AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1212
AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2306
RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .251782
FOR THIS RIFLE IS: 1.049

2 Dec 1991

FILE:/PATTERNING/CENTERFIRE PATT/08685841

CENTERFIRE PATTERNS # 1

FOR

1 in circle

2 in circle

3 in circle

CENTROID #

OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

ME = 3.430

VS = 2.262

GS = 3.657

PATTERN

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.662	1.340	1.142
MINIMUM X	-1.768	-1.583	-1.722
MAXIMUM Y	1.038	1.029	1.014
MINIMUM Y	-1.224	-1.109	-1.124
CENTROID X	.380	.195	.393
CENTROID Y	-.310	-.425	-.410
FOR TO CENTROID in.	.490	.468	.568
Q1 RADIUS	.151	.368	.205
MEAN RADIUS	.982	.867	.767
Q3 RADIUS	1.959	1.588	1.172
HORIZONTAL SPREAD	3.430	2.923	1.864
VERTICAL SPREAD	2.262	2.138	2.138
EXTREME SPREAD	3.657	2.926	2.141
NUMBER IN ONE INCH CIRCLE	= 1		
NUMBER IN TWO INCH CIRCLE	= 5		
NUMBER IN THREE INCH CIRCLE	= 8		

2 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/G8665841

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS= 10

IN CIR

1in = 0

2in = 4

3in = 6

HS= 2.178

VS= 3.720

GS= 3.905

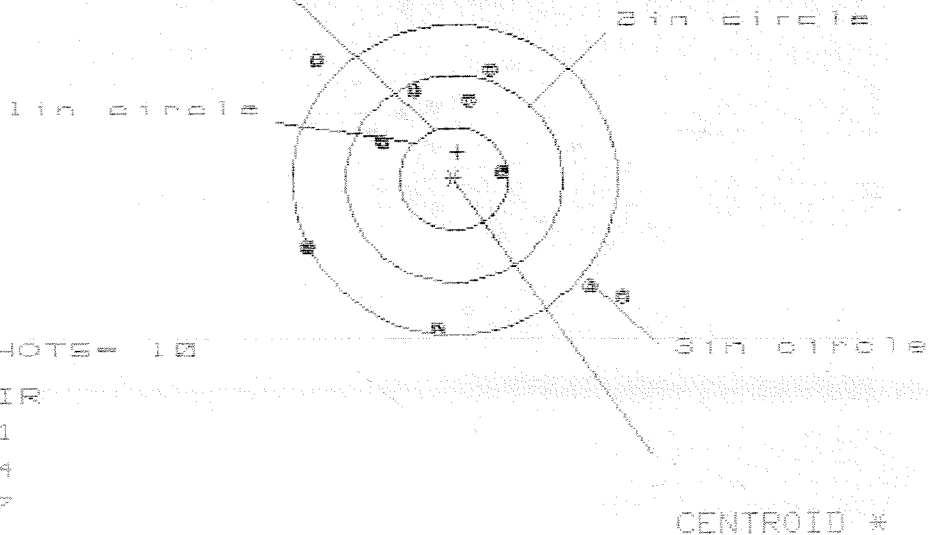
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.353	1.425	1.365
MINIMUM X	-0.825	-0.753	-0.813
MAXIMUM Y	2.079	1.854	1.677
MINIMUM Y	-1.641	-1.410	-1.074
CENTROID X	0.077	0.005	0.064
CENTROID Y	-0.101	-0.332	-0.155
POA TO CENTROID in.	0.127	0.332	0.168
MIN RADIUS	0.507	0.399	0.477
MEAN RADIUS	1.266	1.135	1.090
MAX RADIUS	2.176	1.913	1.760
HORIZONTAL SPREAD	2.178	2.178	2.178
VERTICAL SPREAD	3.720	3.264	2.751
EXTREME SPREAD	3.905	3.264	3.006
NUMBER IN ONE INCH CIRCLE =	0	4	6
NUMBER IN TWO INCH CIRCLE =	0	4	6
NUMBER IN THREE INCH CIRCLE =	0	4	6

2 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08685841

CENTERFIRE PATTERNS # 3

FOR



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 7

HS= 2.895

VS= 2.672

GS= 3.688

PATTERN #

3

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.568

1.420

1.284

MINIMUM X

-1.327

-1.153

-1.289

MAXIMUM Y

1.185

1.055

1.024

MINIMUM Y

-1.487

-1.617

-1.486

CENTROID X

-.038

-.212

-.076

CENTROID Y

-.259

-.129

-.260

FOR TO CENTROID in.

.262

.248

.271

MIN RADIUS

.453

.526

.491

MEAN RADIUS

1.231

1.115

1.077

MAX RADIUS

1.961

1.843

1.654

HORIZONTAL SPREAD

2.895

2.573

2.573

VERTICAL SPREAD

2.672

2.672

2.510

EXTREME SPREAD

3.688

3.356

2.603

NUMBER IN ONE INCH CIRCLE =

1

NUMBER IN TWO INCH CIRCLE =

4

NUMBER IN THREE INCH CIRCLE =

7

2 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/CGB65841

CENTERFIRE PATTERNS # 4

POR

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS= 10

IN CIR

1 in = 1

2 in = 6

3 in = 10

HS= 2.559

VS= 2.349

GS= 2.685

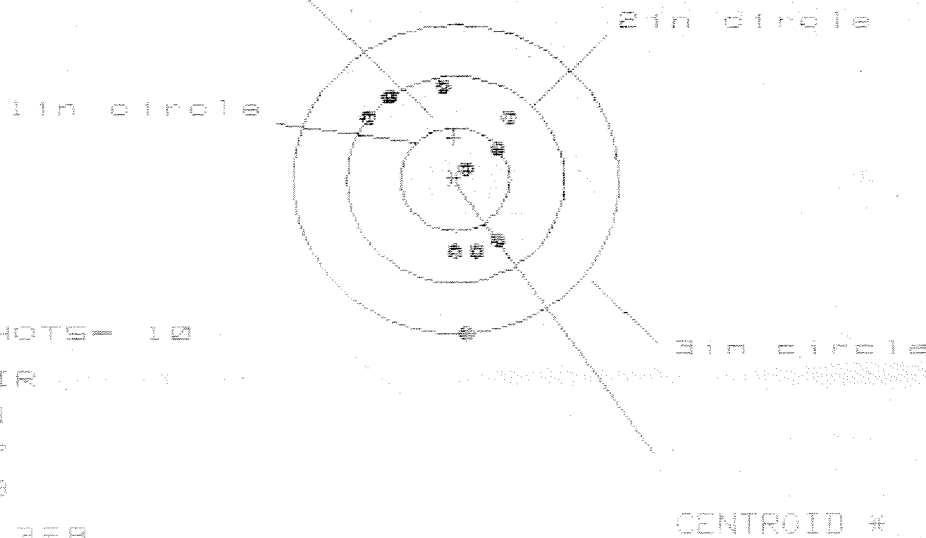
PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.462	1.062	1.075
MINIMUM X	-1.097	-.935	-.922
MAXIMUM Y	.918	.907	.727
MINIMUM Y	-1.431	-1.442	-.761
CENTROID X	.178	.016	.003
CENTROID Y	-.028	-.017	.163
POR TO CENTROID in.	.188	.023	.163
MIN RADIUS	.378	.228	.217
MEAN RADIUS	.952	.865	.770
MAX RADIUS	1.465	1.445	1.095
HORIZONTAL SPREAD	2.559	1.997	1.997
VERTICAL SPREAD	2.349	2.349	1.489
EXTREME SPREAD	2.685	2.380	2.137
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		

2 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8865841

CENTERFIRE PATTERNS # 5

POR



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 7

3 in = 9

HS= 1.228

VS= 2.467

CS= 2.475

CENTROID #

PATTERN #	1	5	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.518	.525	.429
MINIMUM X	-.858	-.842	-.693
MAXIMUM Y	.926	.755	.815
MINIMUM Y	-1.548	-.905	-.846
CENTROID X	.009	.001	.107
CENTROID Y	-.405	-.234	-.293
POR TO CENTROID in.	.406	.234	.312
1 in RADIUS	.166	.101	.038
MEAN RADIUS	.813	.711	.655
MAX RADIUS	1.542	.966	1.005
HORIZONTAL SPREAD	1.368	1.368	1.113
VERTICAL SPREAD	2.467	1.668	1.668
EXTREME SPREAD	2.475	1.706	1.697
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	