

FORM

UPC



C6665793

INCLUDES 1 IN CHAMBER

MODEL 700 TM M24

ORDER NO. 5716

BARREL LENGTH

CAPACITY*

Remington



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

MODEL 700TM M24

SERIAL NO.

C6665793

ORDER NO.

5716

20

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



5716 C6665793

ORDER 5716

MODEL 700TM M24

UPC

ORDER 5716

MODEL 700TM M24

UPC



0 47700 25716 7



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6665793

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	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/16/91	KL
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/16/91	KL
	C) Inspect Ejector Hole for Chamfer		10/16/91	KL
	D) Oil Firing Pin Ass'y		10/16/91	KL
	E) Adjust Trigger Pull to Min Setting and Stake		10/24/91	JA

op. #	OP. NAME	READINGS				DATE	INIT
625 cont.	F) Safety On Force	6	6	6		10/24/91	SH
	G) Safety Off Force	4	4	4		10/24/91	SH
	H) Trigger Pull Test & Retainability					10/24/91	SH
	I) Firing Pin Indent	.0205	.020	.0205		10/24/91	SH
	J) Assemble Stock					10/24/91	SH
	K) Assemble Swivel Studs					10-30-91	SH
	L) Attach Front and Rear Sight Assemblies					10/24/91	SH
	M) Iron Sight Alignment					10/24/91	SH
	N) Detach Front & Rear Sights & place in numbered container					10/24/91	SH
	O) Attach Scope to Rifle					10/24/91	SH
	P) Detach & Attach Scope 20 Times					10/24/91	SH
640	Gallery Target & Test					10-25-91	NF
	A) Time					"	NF
	B) Malfunctions					"	NF
	C) Pierced Primers					"	NF
	D) Optical Clarity of Scope					"	NF
645	Inspect for Live Ammo					10-25-91	NF
655	Final Inspection						
	A) Headspace					10-30-91	SH
	B) Trigger Pull	254	254	268	274	259	10-29-91
	C) Function					10-30-91	SH
660	Pack					12-11-91	NF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C-666579-3

DATE 10/24/91

TESTER JP

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.34	2.39	2.38	2.54	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.46	2.36	2.44	2.54	
PULL #3	2.38	2.44	2.40	2.68	
PULL #4	2.36	2.40	2.43	2.74	
PULL #5	2.35	2.42	2.41	2.59	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.68	3.56		
PULL #2	3.55	3.31		
PULL #3	3.58	3.55		
PULL #4	3.53	3.36		
PULL #5	3.63	3.47		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.60	4.37		4.43
PULL #2	4.40	4.36		4.29
PULL #3	4.47	4.49		4.28
PULL #4	4.44	4.43		4.18
PULL #5	4.42	4.45		4.34
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06665793
25 Oct 1991

CENTROIDAL DISTANCES

0	TO	1	176511
1	TO	2	128787
1	TO	3	08422
1	TO	4	281585
1	TO	5	469596

5
43 <---POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0022
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0256
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0256944
THE AMR FOR THIS RIFLE IS: 1.043

25 Oct 1991

FILE: PATTERNING/CENTERFIRE_PATT/C8665793

CENTERFIRE PATTERNS

1

POA

1 in circle

2 in circle

3 in circle

CENTROID #

OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 9

HS = 0.405

VS = 0.000

GS = 0.000

PATTERN #

1

SHOTS (BEST OF)

	10	9	8
MAXIMUM X	1.263	1.143	1.123
MINIMUM X	-1.232	-1.342	-1.199
MAXIMUM Y	2.150	.747	.789
MINIMUM Y	-1.145	-.906	-.864
CENTROID X	.060	.180	.037
CENTROID Y	-.166	-.405	-.447
POA TO CENTROID in.	.176	.443	.449
MIN RADIUS	.163	.112	.141
MEAN RADIUS	1.000	.786	.722
MAX RADIUS	2.405	1.416	1.373
HORIZONTAL SPREAD	2.485	2.485	2.322
VERTICAL SPREAD	3.295	1.653	1.653
EXTREME SPREAD	3.622	2.488	2.341
NUMBER IN ONE INCH CIRCLE =	2	2	
NUMBER IN TWO INCH CIRCLE =	5	5	
NUMBER IN THREE INCH CIRCLE =	9	9	

25 Oct 1991

FILE: PATTERNING/CENTERFIRE PATT/C6665793

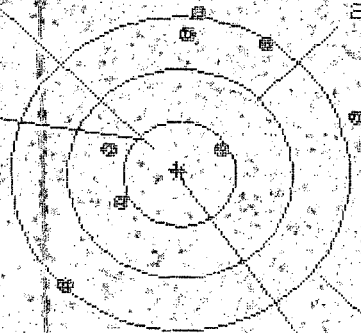
CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 3

3 in = 5

HS= 2.620

VS= 3.495

GS= 3.669

CENTROID #

PATTERN #

2

SHOTS (BEST OF)

	10	9	8
MAXIMUM X	1.596	1.493	1.498
MINIMUM X	-1.024	-1.127	-1.123
MAXIMUM Y	1.539	1.321	1.067
MINIMUM Y	-1.956	-2.034	-1.554
CENTROID X	.029	.132	.127
CENTROID Y	-.041	.177	.431
POA TO CENTROID in.	.050	.221	.449
MIN RADIUS	.459	.295	.386
MEAN RADIUS	1.334	1.211	1.079
MAX RADIUS	2.166	2.034	1.917
HORIZONTAL SPREAD	2.620	2.620	2.620
VERTICAL SPREAD	3.495	3.355	2.621
EXTREME SPREAD	3.669	3.355	3.070
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	5		

25 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665793

CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

CENTROID .*

OF SHOTS = 10

IN CIR

1 in = 3

2 in = 9

3 in = 10

HS = 1.870

VS = 1.203

GS = 1.995

PATTERN #

3

SHOTS (BEST OF)

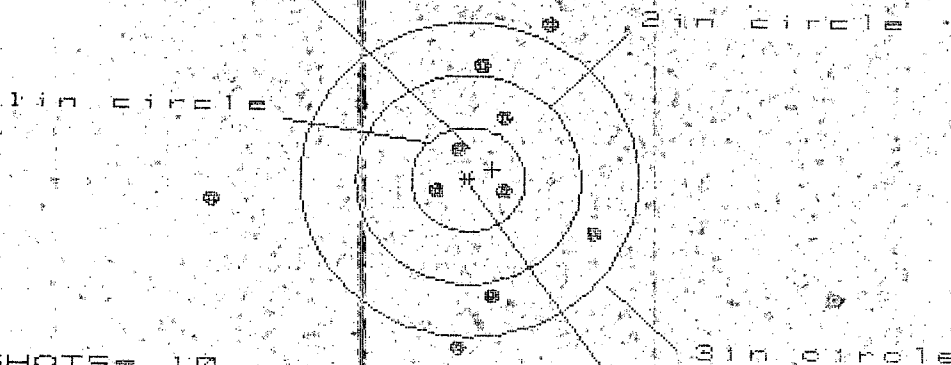
	10	9	8
MAXIMUM X	.810	.692	.562
MINIMUM X	-1.060	-1.043	-.824
MAXIMUM Y	.694	.640	.681
MINIMUM Y	-.509	-.563	-.522
CENTROID X	.133	.251	.381
CENTROID Y	-.124	-.070	-.111
POA TO CENTROID in.	.182	.261	.397
MIN RADIUS	.296	.295	.292
MEAN RADIUS	.712	.646	.571
MAX RADIUS	1.164	1.092	.852
HORIZONTAL SPREAD	1.870	1.735	1.386
VERTICAL SPREAD	1.203	1.203	1.203
EXTREME SPREAD	1.995	1.908	1.529
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	9		
NUMBER IN THREE INCH CIRCLE =	10		

25 Oct 1991

FILE: PATTERNING/CENTERFIRE_PATT/CS665793

CENTERFIRE PATTERNS # 4

POA



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 4

3 in = 7

HS = 3.356

VS = 3.039

GS = 3.396

CENTROID *

PATTERN #

4

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.068

.814

.870

MINIMUM X

-2.288

-1.496

-1.440

MAXIMUM Y

1.450

1.432

1.286

MINIMUM Y

-1.589

-1.607

-1.428

CENTROID X

-1.213

-.041

-.015

CENTROID Y

-.097

-.079

-.258

POA TO CENTROID in.

.234

.089

.259

MIN RADIUS

.259

.121

.101

MEAN RADIUS

1.050

.893

.814

MAX RADIUS

2.294

1.635

1.449

HORIZONTAL SPREAD

3.356

1.310

1.310

VERTICAL SPREAD

3.039

3.039

2.714

EXTREME SPREAD

3.396

3.131

2.719

NUMBER IN ONE INCH CIRCLE =

3

NUMBER IN TWO INCH CIRCLE =

4

NUMBER IN THREE INCH CIRCLE =

7

25 Oct 1991

FILE: PATTERNING/CENTERFIRE_PATT/C6685793

CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 2

2 in = 7

3 in = 8

HS= 1.563

VS= 5.527

GS= 5.544

CENTROID #

PATTERN #

5

SHOTS (BEST OF)

	10	9	8
MAXIMUM X	.693	.731	.726
MINIMUM X	-.870	-.832	-.837
MAXIMUM Y	3.770	1.400	1.232
MINIMUM Y	-1.757	-1.338	-.788
CENTROID X	.002	-.036	-.031
CENTROID Y	.300	-.119	.049
POA TO CENTROID in.	.300	.124	.058
MIN RADIUS	.236	.090	.046
MEAN RADIUS	1.117	.710	.628
MAX RADIUS	3.786	1.401	1.234
HORIZONTAL SPREAD	1.563	1.563	1.563
VERTICAL SPREAD	5.527	2.738	2.020
EXTREME SPREAD	5.544	2.740	2.074
NUMBER IN ONE INCH CIRCLE	= 2		
NUMBER IN TWO INCH CIRCLE	= 7		
NUMBER IN THREE INCH CIRCLE	= 8		