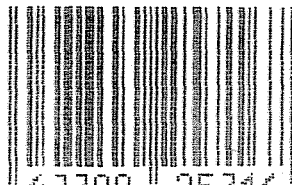


FORM

UPC



0 47700 25716 7

06665951

BARREL LENGTH
CAPACITY*
*INCLUDES 1 IN CHAMBER

MODEL 780 TM M24

ORDER NO.

5716

Remington



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

MODEL 700 TM M24

SERIAL NO.

C6665951

ORDER NO.

5716

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

20



5716 C6665951

ORDER 5716

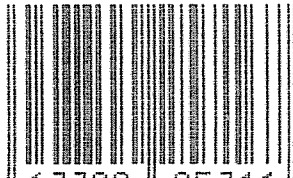
MODEL 700 TM M24

UPC

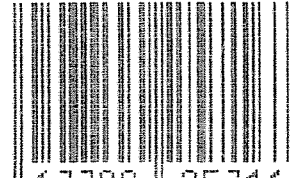
ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6665951

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		9/25/91	KH
600	Proof		9/25/91	KH
607	Check Headspace		9/25/91	KH
610	Dis-assemble Gun		9/25/91	KH
612	Magnaflux Barrel Action		OCT 2 1991	KR
	Magnaflux Bolt		OCT 2 1991	KR
615	Rollmark Caliber		OCT 2 1991	GL
617	Drill and Tap Sight Holes		OCT 2 1991	FB
618	Polish Barrel		OCT 4 1991	WB
620	Apply Coatings (Barrel Action)		10-14-91	JA
	Apply Coating (Bolt)		10-14-91	JA
625	Final Assembly A) Clean inside of Bolt Assembly		10/18/91	KH
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/18/91	KH
	C) Inspect Ejector Hole for Chamfer		10/18/91	KH
	D) Oil Firing Pin Ass'y		10/18/91	KH
	E) Adjust Trigger Pull to Min Setting and Stake		10/21/91	GL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5	5	5	10-22-91	DH
	G) Safety Off Force	3	2 1/2	2 1/4	2 1/4	2 1/4	10-22-91	DH
	H) Trigger Pull Test & Retainability						10-21-91	JH
	I) Firing Pin Indent	.020	.020	.020	.020	.020	10-22-91	DH
	J) Assemble Stock						10-22-91	TS
	K) Assemble Swivel Studs						10-30-91	AC
	L) Attach Front and Rear Sight Assemblies						10-22-91	TS
	M) Iron Sight Alignment						10-22-91	TS
	N) Detach Front & Rear Sights & place in numbered container						10-22-91	TS
	O) Attach Scope to Rifle						10-22-91	TS
	P) Detach & Attach Scope 20 Times						10-22-91	TS
640	Gallery Target & Test						10-23-91	AC
	A) Time						10-23-91	AC
	B) Malfunctions						10-23-91	AC
	C) Pierced Primers						10-23-91	AC
	D) Optical Clarity of Scope						10-23-91	AC
645	Inspect for Live Ammo						10-23-91	AC
655	Final Inspection							
	A) Headspace						10-30-91	A
	B) Trigger Pull	240	241	240	240	244	10-24-91	DH
	C) Function						10-30-91	AC
660	Pack						12-18-91	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-6665951DATE 10/21/91TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.37	2.53	2.40	240	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.46	2.62	2.55	241	
PULL #3	2.52	2.65	2.60	240	
PULL #4	2.60	2.62	2.65	240	
PULL #5	2.53	2.58	2.59	244	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.60	3.57		
PULL #2	3.61	3.56		
PULL #3	3.61	3.61		
PULL #4	3.55	3.56		
PULL #5	3.39	3.57		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.46	4.45		4.46
PULL #2	4.36	4.55		4.37
PULL #3	4.43	4.52		4.47
PULL #4	4.53	4.55		4.51
PULL #5	4.45	4.54		4.59
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665951
24 Oct 1991

CENTROIDAL DISTANCES

0 TO	1	.58849
1 TO	2	.182628
1 TO	3	.629382
1 TO	4	.886397
1 TO	5	.376703

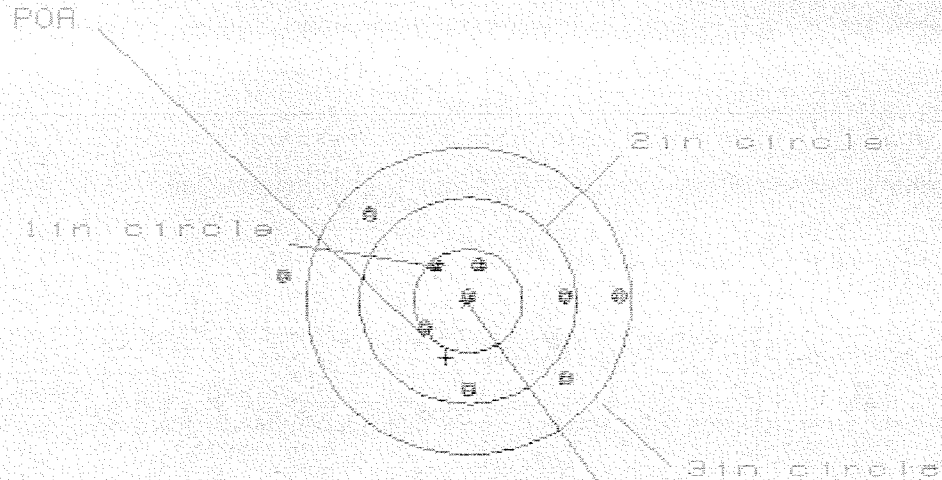
dist
<----POR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1644
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1628
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .231368
THE SDP FOR THIS RIFLE IS: .9516

24 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08683951

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 4

2in = 6

3in = 8

HS= 3.099

VS= 1.724

GS= 3.111

PATTERN #

SHOTS (BEST OF)

	10	9	8
MAXIMUM X	1.442	1.258	.906
MINIMUM X	-1.657	-1.892	-1.935
MAXIMUM Y	.830	.863	.869
MINIMUM Y	-.894	-.861	-.855
CENTROID X	.204	.388	.231
CENTROID Y	.552	.519	.513
POA TO CENTROID in.	.588	.648	.563
MIN RADIUS	.014	.201	.056
MEAN RADIUS	.874	.804	.711
MAX RADIUS	1.682	1.392	1.276
HORIZONTAL SPREAD	3.099	2.350	1.841
VERTICAL SPREAD	1.724	1.724	1.724
EXTREME SPREAD	3.111	2.486	2.446
NUMBER IN ONE INCH CIRCLE	= 4		
NUMBER IN TWO INCH CIRCLE	= 6		
NUMBER IN THREE INCH CIRCLE	= 9		

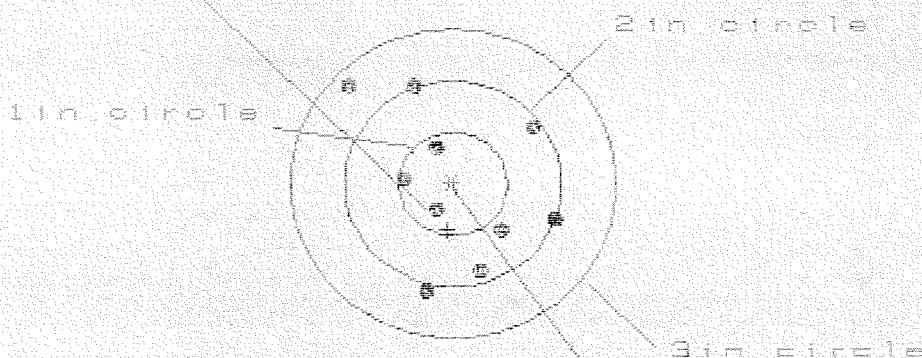
24 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665951

CENTERFIRE PATTERNS

2

FOR



OF SHOTS- 10

IN CIR

1 in - 2

2 in - 6

3 in - 10

HS- 1.902

VS- 2.030

GS- 2.298

CENTROID +

PATTERN #

2

SHOTS (BEST OF)

10

9

8

MAXIMUM X

.971

.867

.828

MINIMUM X

-.931

-.608

-.647

MAXIMUM Y

.968

1.053

.933

MINIMUM Y

-1.070

-.962

-.825

CENTROID X

.056

.168

.199

CENTROID Y

.445

.337

.457

FOR TO CENTROID in.

.448

.373

.499

MIN RADIUS

.306

.323

.419

MEAN RADIUS

.810

.743

.710

MAX RADIUS

1.343

1.165

1.077

HORIZONTAL SPREAD

1.902

1.475

1.475

VERTICAL SPREAD

2.030

2.015

1.758

EXTREME SPREAD

2.298

2.023

1.873

NUMBER IN ONE INCH CIRCLE =

2

NUMBER IN TWO INCH CIRCLE =

6

NUMBER IN THREE INCH CIRCLE =

10

24 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08585951

CENTERFIRE PATTERNS

3

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 7

CENTROID *

HS= 3.019

VS= 3.151

GS= 3.801

PATTERN

3

SHOTS (BEST OF)

	10	9	8
MAXIMUM X	1.767	1.628	.661
MINIMUM X	-1.251	-.857	-.654
MAXIMUM Y	1.572	1.047	.977
MINIMUM Y	-1.579	-1.404	-1.474
CENTROID X	.053	.192	-.012
CENTROID Y	-.059	-.234	-.164
POA TO CENTROID in.	.080	.303	.164
MIN RADIUS	.132	.102	.118
MEAN RADIUS	1.024	.919	.779
MAX RADIUS	2.009	1.723	1.616
HORIZONTAL SPREAD	3.018	2.485	1.315
VERTICAL SPREAD	3.151	2.451	2.451
EXTREME SPREAD	3.801	2.843	2.626
NUMBER IN ONE INCH CIRCLE =	2	2	2
NUMBER IN TWO INCH CIRCLE =	7	7	7
NUMBER IN THREE INCH CIRCLE =	7	7	7

24 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/CBB05951

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS= 10

IN CIR

1 in = 2

2 in = 6

3 in = 8

HS= 2.687

VS= 2.992

GS= 3.144

PATTERN #

4

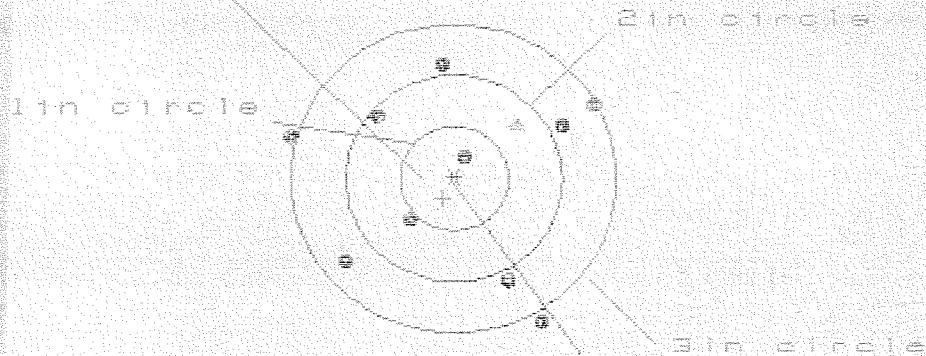
SHOTS (BEST OF)

	10	9	8
MAXIMUM X	1.373	.776	.817
MINIMUM X	-1.314	-1.161	-1.128
MAXIMUM Y	1.453	1.314	1.184
MINIMUM Y	-1.539	-1.678	-1.548
CENTROID X	.462	.249	.208
CENTROID Y	-.312	-.173	.037
POA TO CENTROID in.	.589	.304	.212
MIN RADIUS	.053	.238	.292
MEAN RADIUS	.952	.838	.715
MAX RADIUS	1.860	1.710	1.223
HORIZONTAL SPREAD	2.687	1.937	1.937
VERTICAL SPREAD	2.992	2.992	1.644
EXTREME SPREAD	3.144	3.019	2.123
NUMBER IN ONE INCH CIRCLE	=	2	
NUMBER IN TWO INCH CIRCLE	=	6	
NUMBER IN THREE INCH CIRCLE	=	8	

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CENTERFIRE PATTERNS # 5

POR



OF SHOTS= 10

IN CIR

1in = 1

2in = 3

3in = 7

CENTROID *

HS= 2.859

VS= 2.444

GS= 2.927

PATTERN #

5

SHOTS (BEST OF)

10

9

8

MAXIMUM X	1.342	1.434	1.256
MINIMUM X	-1.517	-1.425	-1.120
MAXIMUM Y	1.070	.917	.946
MINIMUM Y	-1.374	-1.114	-1.085
CENTROID X	.102	.015	.193
CENTROID Y	.188	.341	.312
POR TO CENTROID (in)	.216	.341	.367
MIN RADIOS	.235	.197	.091
MEAN RAD.	1.098	1.024	.959
MAY RADIO	1.604	1.555	1.425
HORIZONTAL SPREAD	2.859	2.859	2.376
VERTICAL SPREAD	2.444	2.031	2.031
EXTREME SPREAD	2.927	2.883	2.816
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		3	
NUMBER IN THREE INCH CIRCLE =		7	