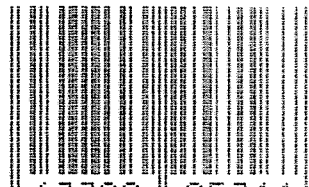


FORM

UPC



0 47700 25716 7

06665783

INCLUDED 1 IN CHAMBER

MODEL 700 TM M24

5716

ORDER NO.

BARREL LENGTH

CAPACITY*

Remington



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

MODEL 700 TM M24

SERIAL NO.

C6665783

ORDER NO.

5716

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

20



5716 C6665783

ORDER 5716

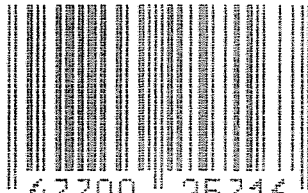
MODEL 700 TM M24

UPC

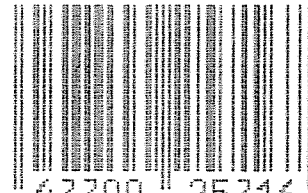
ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6665783

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 26	91	RW
600	Proof	9 26	91	RW
607	Check Headspace	9 26	91	RW
610	Dis-assemble Gun	9 26	91	RW
612	Magnaflux Barrel Action		SEP 30 1991	KR
	Magnaflux Bolt		SEP 30 1991	KR
615	Rollmark Caliber		SEP 30 1991	SL
617	Drill and Tap Sight Holes		SEP 30 1991	FB
618	Polish Barrel		OCT 2 1991	WB
620	Apply Coatings (Barrel Action)		10-13-91	JA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		10/13/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/13/91	RW
	C) Inspect Ejector Hole for Chamfer		10/13/91	RW
	D) Oil Firing Pin Ass'y		10/13/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		10/18/91	JU

Op. #	DESCRIPTION	READINGS					DATE	INIT.
625 cont.	F) Safety On Force	5	5	5			10/18/91	RI
	G) Safety Off Force	3	3	3			10/18/91	RI
	H) Trigger Pull Test & Retainability						10/18/91	RI
	I) Firing Pin Indent	.021	.0205	.0205			10/18/91	RI
	J) Assemble Stock						10/18/91	RW
	K) Assemble Swivel Studs						10-22-91	A
	L) Attach Front and Rear Sight Assemblies						10/18/91	RW
	M) Iron Sight Alignment						10/18/91	RW
	N) Detach Front & Rear Sights & place in numbered container						10/18/91	RW
	O) Attach Scope to Rifle						10/18/91	RW
	P) Detach & Attach Scope 20 Times						10/18/91	RW
640	Gallery Target & Test						10/18/91	KJ
	A) Time							KJ
	B) Malfunctions							KJ
	C) Pierced Primers							KJ
	D) Optical Clarity of Scope							KJ
645	Inspect for Live Ammo						10/18/91	KJ
655	Final Inspection							
	A) Headspace						10-22-91	A
	B) Trigger Pull	231	226	226	230	222	10-21-91	D/H
	C) Function						10-22-91	A
660	Pack						12-18-91	N

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C-6665783

DATE 10/18/91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.29	2.36	2.38	231	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.32	2.22	2.46	226	
PULL #3	2.34	2.40	2.44	226	
PULL #4	2.35	2.38	2.36	230	
PULL #5	2.36	2.39	2.30	222	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.36	3.29		
PULL #2	3.28	3.34		
PULL #3	3.31	3.35		
PULL #4	3.34	3.34		
PULL #5	3.31	3.38		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.22	4.58		4.23
PULL #2	4.32	4.37		4.32
PULL #3	4.17	4.59		4.40
PULL #4	4.37	4.39		4.29
PULL #5	4.35	4.29		4.29
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665783
18 Oct 1991

CENTROIDAL DISTANCES

0	TO	1	319089
1	TO	2	569646
1	TO	3	171493
1	TO	4	555313
1	TO	5	432185

-----FOIA

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THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.082
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0108
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0827082
THE AMR FOR THIS RIFLE IS: 17.125
```

18 Oct 1991

FILE: /PATTERNING/CENTERFIRE_PATT/C66657B3

CENTERFIRE PATTERNS # 1

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS = 10

IN CIR

1 in = 2

2 in = 4

3 in = 8

HS = 3.052

VS = 3.201

GS = 3.843

PATTERN #

1

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.898

1.378

1.376

MINIMUM X

-1.154

-.943

-.945

MAXIMUM Y

1.633

1.459

1.068

MINIMUM Y

-1.568

-1.286

-1.104

CENTROID X

-.087

-.298

-.296

CENTROID Y

-.307

-.133

-.315

POA TO CENTROID in

.319

.326

.432

MIN RADIUS

.150

.285

.127

MEAN RADIUS

1.126

.960

.865

MAX RADIUS

2.462

1.474

1.546

HORIZONTAL SPREAD

3.052

2.321

2.321

VERTICAL SPREAD

3.201

2.745

2.172

EXTREME SPREAD

3.843

2.778

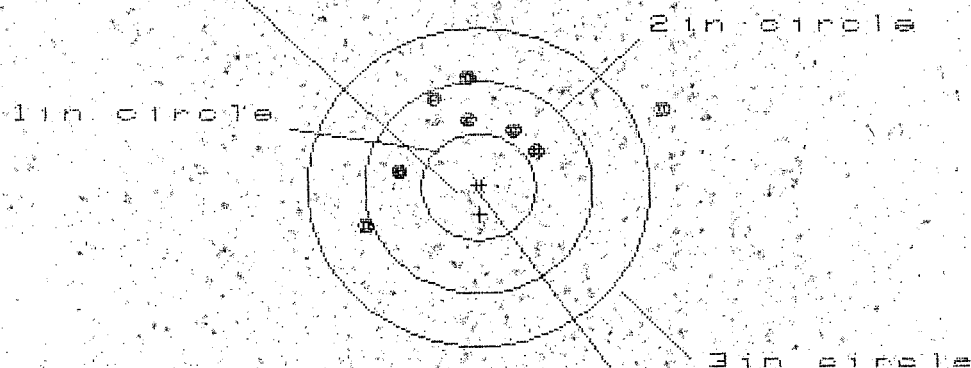
2.619

18 Oct 1991

FILE: PATTERNING/CENTERFIRE_PATT/C6B65783.

CENTERFIRE PATTERNS # 2

FOR



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 5

3 in = 7

HS= 0.588

VS= 0.076

GS= 0.322

CENTROID *

PATTERN #

2

SHOTS (BEST OF)

		10	9	8
MAXIMUM	X	1.582	1.611	1.552
MINIMUM	X	-1.004	-.975	-1.034
MAXIMUM	Y	.999	.768	.504
MINIMUM	Y	-2.077	-2.114	-.980
CENTROID	X	-.007	-.036	.023
CENTROID	Y	.257	.488	.752

BARBER - M24 0102482

POINT TO CENTROID IN.	:	257	489	753
MIN RADIUS	:	659	439	198
MEAN RADIUS	:	1.151	.967	.729
MAX RADIUS	:	2.093	2.165	1.567
HORIZONTAL SPREAD	:	2.586	2.586	2.586
VERTICAL SPREAD	:	3.076	2.882	1.384
EXTREME SPREAD	:	3.322	3.322	2.809
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

18 Oct 1991

FILE: PATTERNING/CENTERFIRE/PATT/C86657B3

CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

CENTROID #

OF SHOTS = 10

IN CIR

1 in = 3

2 in = 6

3 in = 7

HS = 1.209

VS = 4.384

GS = 4.421

PATTERN #

3

SHOTS (BEST OF)

10

9

8

MAXIMUM X : .405

.443

.428

MINIMUM X : -.804

-.759

-.774

MAXIMUM Y : 2.134

1.884

1.596

MINIMUM Y : -2.250

-1.605

-1.370

CENTROID X : .084

.039

.054

CENTROID Y : -.294

-.044

-.279

POA TO CENTROID in. : .305

.059

.284

MIN RADIUS : .132

.197

.098

MEAN RADIUS : 1.029

.924

.733

MAX RADIUS : 2.287

1.887

1.652

HORIZONTAL SPREAD : 1.209

1.202

1.202

VERTICAL SPREAD : 4.384

3.489

2.966

EXTREME SPREAD : 4.421

3.511

2.971

NUMBER IN ONE INCH CIRCLE =

3

NUMBER IN TWO INCH CIRCLE =

6

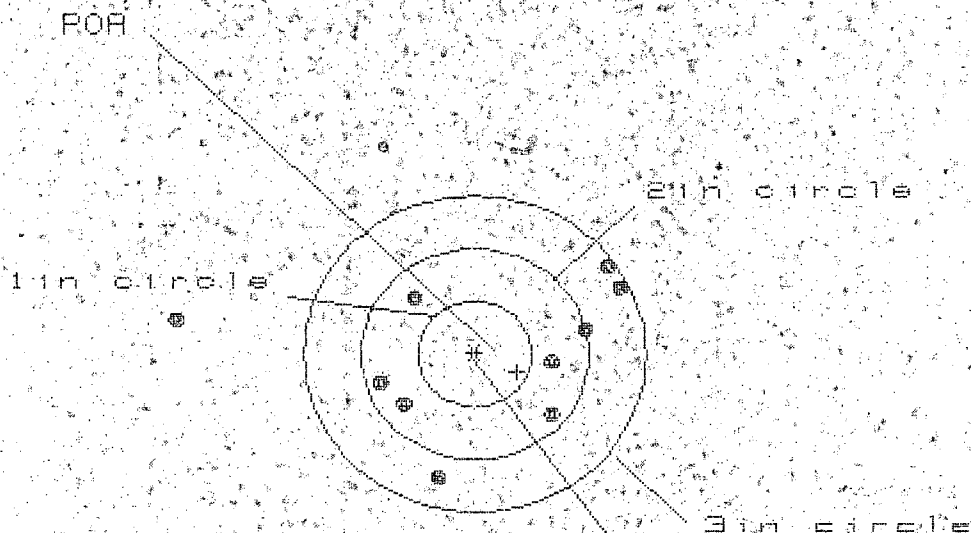
NUMBER IN THREE INCH CIRCLE =

7

18 Oct. 1931

FILE: PATTERNING/CENTERFIRE_PATT/C86657B3

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 5

3 in = 9

HS = 3.899

VS = 2.004

GS = 3.905

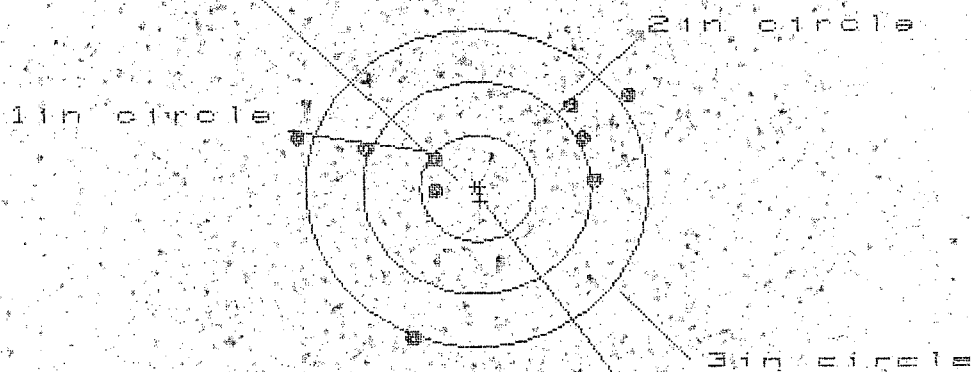
PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.302	1.014	.966
MINIMUM X	-2.597	-1.077	-.950
MAXIMUM Y	.818	.859	.937
MINIMUM Y	-1.186	-1.145	-1.067
CENTROID X	-.373	-.085	-.211
CENTROID Y	.169	.128	.050
POA TO CENTROID in.	.410	.154	.217
MIN RADIUS	.696	.407	.540
MEAN RADIUS	1.166	.958	.929
MAX RADIUS	2.622	1.304	1.346
HORIZONTAL SPREAD	3.899	2.091	1.917
VERTICAL SPREAD	2.004	2.004	2.004
EXTREME SPREAD	3.905	2.481	2.481
NUMBER IN ONE INCH CIRCLE	=	0	
NUMBER IN TWO INCH CIRCLE	=	5	
NUMBER IN THREE INCH CIRCLE	=	9	

18 Oct 1991

FILE: PATTERNING/CENTERFIRE_PATT/06665783

CENTERFIRE PATTERNS # 5

POA



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 2

3 in = 6

ME = 0.036

VS = 0.652

CS = 0.063

CENTROID #

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.305
MINIMUM X	-1.531
MAXIMUM Y	.862
MINIMUM Y	-1.790
CENTROID X	-.027
CENTROID Y	.121
POA TO CENTROID in.	.124
MIN RADIUS	.389
MEAN RADIUS	1.154
MAX RADIUS	1.804
HORIZONTAL SPREAD	2.836
VERTICAL SPREAD	2.652
EXTREME SPREAD	3.063
NUMBER IN ONE INCH CIRCLE	1
NUMBER IN TWO INCH CIRCLE	2
NUMBER IN THREE INCH CIRCLE	6