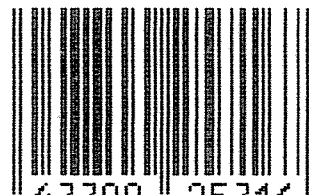


FORM

UPC



0 47700 25716 2

C6649182

*INCLUDES 1 IN CHAMBER

CAPACITY*

BARREL LENGTH

MODEL 700 TM M24

ORDER NO.

5716

RemingtonVERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.MODEL 700 TM M24

SERIAL NO.

C6649182

ORDER NO.

5716

20

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



5716 C6649182

ORDER 5716MODEL 700 TM M24**UPC****ORDER 5716**MODEL 700 TM M24**UPC**

0 47700 25716 2



0 47700 25716 2

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6649182

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10 1	91	RW
600	Proof	10 1	91	RW
607	Check Headspace	10 1	91	RW
610	Dis-assemble Gun	10 1	91	RW
612	Magnaflux Barrel Action		OCT 10 1991	KR
	Magnaflux Bolt		OCT 10 1991	KR
615	Rollmark Caliber		OCT 10 1991	JS
617	Drill and Tap Sight Holes		OCT 10 1991	LB
618	Polish Barrel		10/15/91	WB
620	Apply Coatings (Barrel Action)		11-2-91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/11/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/11/91	RW
	C) Inspect Ejector Hole for Chamfer		11/11/91	RW
	D) Oil Firing Pin Ass'y		11/11/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		12-3-91	JA

Op. #	DESCRIPTION	READINGS					DATE	INITIALS
625 cont.	F) Safety On Force	4	4	4			12-5-91	W
	G) Safety Off Force	2	2	2			12-5-91	W
	H) Trigger Pull Test & Retainability						12-5-91	W
	I) Firing Pin Indent	.020	.020	.020			12-5-91	W
	J) Assemble Stock						12/5/91	RW
	K) Assemble Swivel Studs						12-7-91	DH
	L) Attach Front and Rear Sight Assemblies						12/5/91	RW
	M) Iron Sight Alignment						12/5/91	RW
	N) Detach Front & Rear Sights & place in numbered container						12/5/91	RW
	O) Attach Scope to Rifle						12/5/91	RW
	P) Detach & Attach Scope 20 Times						12/5/91	RW
640	Gallery Target & Test						12/5/91	KT
	A) Time							KT
	B) Malfunctions							KT
	C) Pierced Primers							KT
	D) Optical Clarity of Scope							KT
645	Inspect for Live Ammo						12/5/91	KT
655	Final Inspection							
	A) Headspace						12-7-91	AC
	B) Trigger Pull	247	247	254	253	253	12-7-91	DH
	C) Function						12-7-91	AC
660	Pack						12-19-91	N

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6649182

DATE 12-5-91

TESTER JPL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.46	2.45	2.56	2.47	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.32	2.50	2.51	2.47	
PULL #3	2.45	2.47	2.49	2.54	
PULL #4	2.46	2.52	2.51	2.53	
PULL #5	2.42	2.34	2.55	2.53	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.61	3.52		
PULL #2	3.56	3.43		
PULL #3	3.62	3.55		
PULL #4	3.59	3.59		
PULL #5	3.58	3.59		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.51	4.38		4.45
PULL #2	4.47	4.30		4.23
PULL #3	4.29	4.38		4.34
PULL #4	4.38	4.36		4.43
PULL #5	4.34	4.33		4.45
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6649182
6 Dec 1991

CENTROIDAL DISTANCES

0 TO	1	.565106
1 TO	2	.805777
1 TO	3	.878385
1 TO	4	.245693
1 TO	5	.745268

14  <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0754
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0634
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0985125
THE AMP FOR THIS RIFLE IS: .8976

6 Dec 1931

FILE:/PATTERNING/CENTERFIRE_PATT/C6B49182

CENTERFIRE PATTERNS

5

POA

1in circle

2in circle

3in circle

CENTROID #

OF SHOTS- 10

IN CIR

1in = 7

2in = 9

3in = 10

HS= 1.133

VS= 1.999

GS= 2.993

PATTERN #

5

SHOTS (BEST OF)

10

9

8

MAXIMUM X

.712

.697

.693

MINIMUM X

-.421

-.436

-.440

MAXIMUM Y

.968

.853

.298

MINIMUM Y

-1.031

-.394

-.287

CENTROID X

.064

.079

.083

CENTROID Y

-.278

-.163

-.270

POA TO CENTROID in.

.285

.182

.282

MIN RADIUS

.074

.184

.077

MEAN RADIUS

.497

.442

.372

MAX RADIUS

1.041

.854

.726

HORIZONTAL SPREAD

1.133

1.133

1.133

VERTICAL SPREAD

1.999

1.247

.585

EXTREME SPREAD

2.003

1.256

1.217

NUMBER IN ONE INCH CIRCLE =

7

NUMBER IN TWO INCH CIRCLE =

9

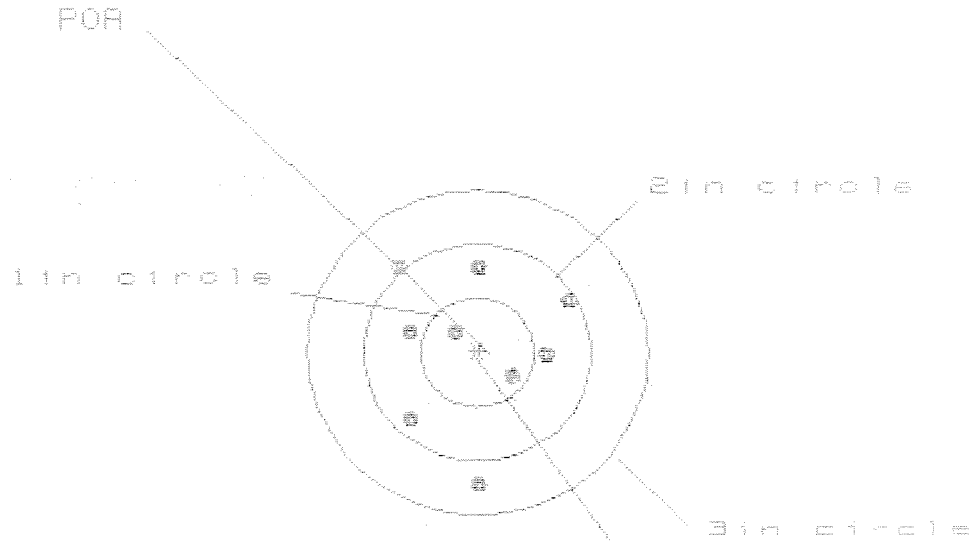
NUMBER IN THREE INCH CIRCLE =

10

5 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8645182

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 8

3 in = 10

HS= 1.543

VS= 1.981

GS= 2.073

CENTROID #

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.838	.840	.752
MINIMUM X	:	-.705	-.703	-.697
MAXIMUM Y	:	.793	.661	.739
MINIMUM Y	:	-1.188	-.776	-.698
CENTROID X	:	-.306	-.308	-.220
CENTROID Y	:	.214	.346	.268
POA TO CENTROID in.	:	.374	.463	.346
MIN RADIUS	:	.252	.291	.304
MEAN RADIUS	:	.713	.655	.606
MAX RADIUS	:	1.188	.987	.987
HORIZONTAL SPREAD	:	1.543	1.543	1.449
VERTICAL SPREAD	:	1.981	1.437	1.437
EXTREME SPREAD	:	2.073	1.820	1.820
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

FILE: /PATTERNING/GENERAL/PAT/00556.D0

CENTERFIRE PATTERNS # 3

[illegible]

#INOCF

[illegible]

20-5

Figure 1. Schematic representation of the experimental design. The subjects were divided into two groups: the control group (CG) and the experimental group (EG). The CG was divided into two subgroups: the control group (CG) and the control group (CG). The EG was divided into two subgroups: the experimental group (EG) and the experimental group (EG). The CG was divided into two subgroups: the control group (CG) and the control group (CG). The EG was divided into two subgroups: the experimental group (EG) and the experimental group (EG).

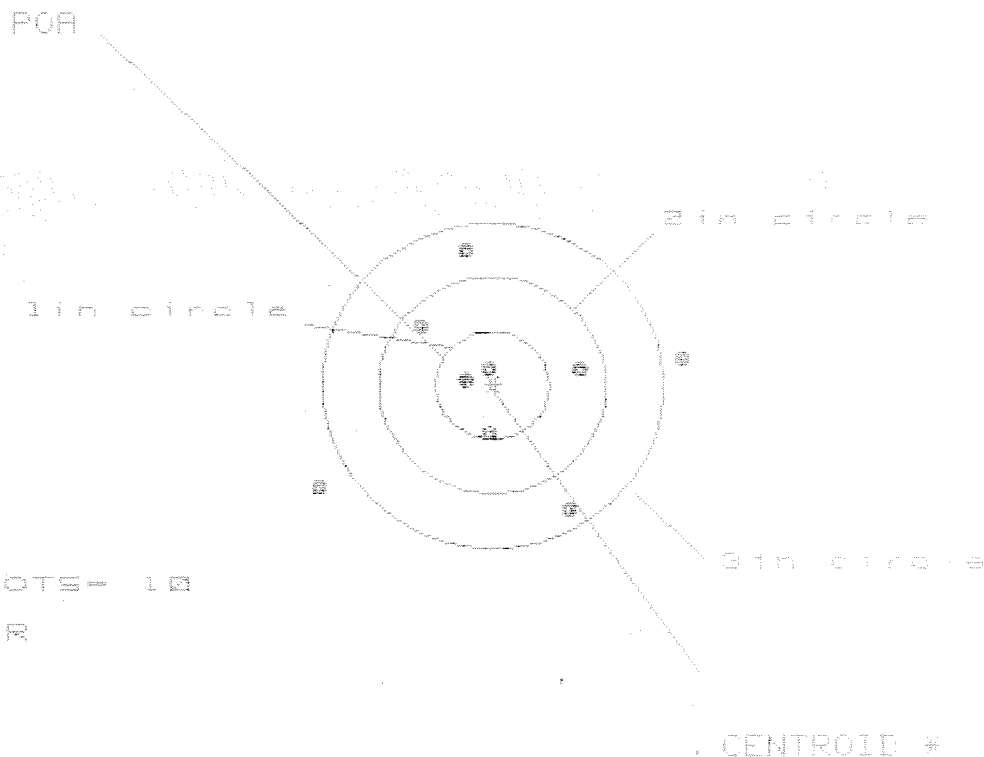
09 0.000 0.000

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.335	1.058	.732
MINIMUM X	:	-2.496	-1.117	-.985
MAXIMUM Y	:	1.085	1.046	.868
MINIMUM Y	:	-1.387	-1.426	-1.295
CENTROID X	:	.174	.451	.319
CENTROID Y	:	-.353	-.314	-.135
POA TO CENTROID in.	:	.393	.550	.347
MIN RADIUS	:	.377	.268	.310
MEAN RADIUS	:	1.066	.878	.719
MAX RADIUS	:	2.520	1.775	1.380
HORIZONTAL SPREAD	:	3.831	2.175	1.717
VERTICAL SPREAD	:	2.472	2.472	2.163
EXTREME SPREAD	:	3.969	2.579	2.267
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

6 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PAT/CG649182

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 4

2in = 6

3in = 8

HE= 3.219

VS= 2.433

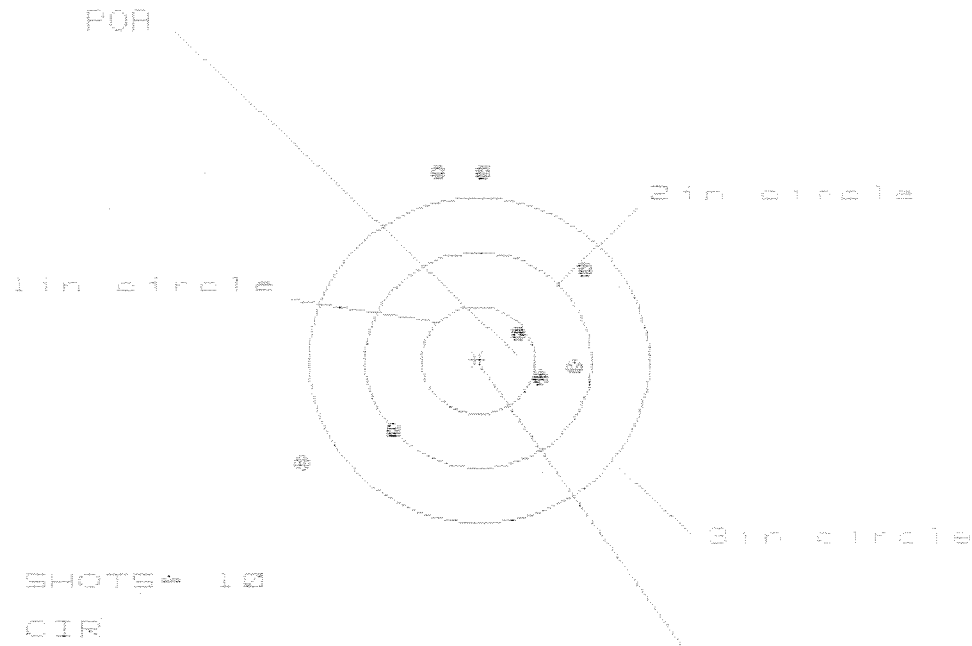
GS= 3.458

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.659	1.485	.737
MINIMUM X	:	-1.560	-.922	-.636
MAXIMUM Y	:	1.298	1.192	1.216
MINIMUM Y	:	-1.135	-1.241	-1.217
CENTROID X	:	.235	.409	.223
CENTROID Y	:	-.053	.053	.029
FOR TO CENTROID in.	:	.241	.412	.225
MIN RADIUS	:	.131	.180	.049
MEAN RADIUS	:	.880	.800	.650
MAX RADIUS	:	1.832	1.498	1.370
HORIZONTAL SPREAD	:	3.219	2.307	1.373
VERTICAL SPREAD	:	2.433	2.433	2.433
EXTREME SPREAD	:	3.458	2.583	2.583
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

6 Dec 1991

FILE:/PATTERNING/CENTERFIRE2_PATT/06649162

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 8

HS= 2.440

VS= 4.507

GS= 4.662

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.925	.802	.597
MINIMUM X	-1.515	-1.638	-1.640
MAXIMUM Y	1.749	1.443	1.288
MINIMUM Y	-2.758	-1.240	-1.165
CENTROID X	-.544	-.421	-.216
CENTROID Y	.150	.459	.614
POA TO CENTROID in.	.565	.623	.651
MIN RADIUS	.480	.262	.183
MEAN RADIUS	1.332	1.093	.923
MAX RADIUS	2.972	2.055	1.518
HORIZONTAL SPREAD	2.440	2.440	1.637
VERTICAL SPREAD	4.507	2.683	2.393
EXTREME SPREAD	4.662	3.124	2.522
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	6		