

C6649128

MODEL 700™ M24

Model **S&S**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

Remington  REG. U.S. PAT. & TM. OFF.

MODEL 700™ H24

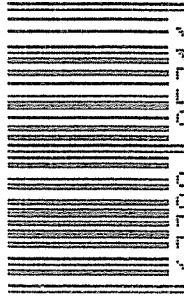
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.	SERIAL NO. C6649128	ORDER NO. 5716
--	--	---



5716 C6649128

LPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6649128

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	7 2 9 1		RW
600	Proof	7 2 9 1		RW
607	Check Headspace	7 2 9 1		RW
610	Dis-assemble Gun	7 2 9 1		RW
612	Magnaflux Barrel Action		JUL 22 1991	LS
	Magnaflux Bolt		JUL 22 1991	LS
615	Rollmark Caliber		JUL 22 1991	LS
617	Drill and Tap Sight Holes		JUL 22 1991	LB
618	Polish Barrel		7/22/91	WB
620	Apply Coatings (Barrel Action)		8/2/91	LB
	Apply Coating (Bolt)		8/2/91	LB
625	Final Assembly			
	A) Clean inside of Bolt Assembly		8/9/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/9/91	RW
	C) Inspect Ejector Hole for Chamfer		8/9/91	RW
	D) Oil Firing Pin Ass'y		8/9/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		8/20/91	SP

op. #	OFFICER NAME BARBER M24 0065134	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	5	5	5	8/20/91	JH		
	G) Safety Off Force	3	3	3	8/20/91	JH		
	H) Trigger Pull Test & Retainability				8/20/91	JH		
	I) Firing Pin Indent	.023	.023	.023	8/20/91	JH		
	J) Assemble Stock				8/20/91	RW		
	K) Assemble Swivel Studs				8-22-91	D/H		
	L) Attach Front and Rear Sight Assemblies				8/20/91	RW		
	M) Iron Sight Alignment				8/20/91	RW		
	N) Detach Front & Rear Sights & place in numbered container				8/20/91	RW		
	O) Attach Scope to Rifle				8/20/91	RW		
	P) Detach & Attach Scope 20 Times				8/20/91	RW		
640	Gallery Target & Test				8-21-91	AC		
	A) Time				8-21-91	AC		
	B) Malfunctions				8-21-91	AC		
	C) Pierced Primers				8-21-91	AC		
	D) Optical Clarity of Scope				8-21-91	AC		
645	Inspect for Live Ammo				8-21-91	AC		
655	Final Inspection							
	A) Headspace				8-22-91	D/H		
	B) Trigger Pull	2.54	2.55	2.54	2.58	2.60	8-21-91	D/H
	C) Function						8-22-91	D/H
660	Pack						9-18-91	AE

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C-6649128

DATE 8/20/91

TESTER JLL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.51	2.55	2.53	2.54	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.29	2.53	2.50	2.55	
PULL #3	2.33	2.43	2.48	2.54	
PULL #4	2.65	2.52	2.55	2.58	
PULL #5	2.58	2.49	2.50	2.60	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.49	3.40		
PULL #2	3.48	3.40		
PULL #3	3.34	3.42		
PULL #4	3.36	3.35		
PULL #5	3.41	3.54		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.35	4.38		4.29
PULL #2	4.59	4.24		4.30
PULL #3	4.60	4.28		4.27
PULL #4	4.62	4.21		4.31
PULL #5	4.60	4.32		4.35
TOTAL				
AVG.				

ALL DISTANCE CALCULATIONS
 RIFLE # 06649128
 MAY 1991

CENTROIDAL DISTANCES

0 TO	1	.380569
1 TO	2	.162604
1 TO	3	.52004
1 TO	4	.299386
1 TO	5	.475464

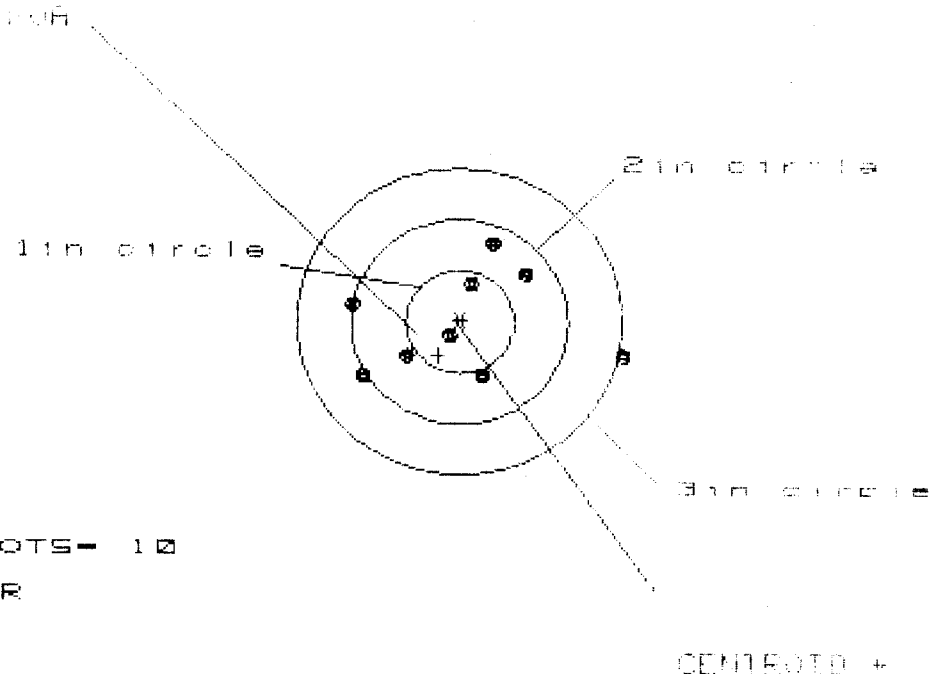
31
 32 <----POA

THE X COORDINATE FOR THIS RIFLE IS: .015
 THE Y COORDINATE FOR THIS RIFLE IS: .1115
 THE AVERAGE POI RADIUS FOR THIS RIFLE IS: .1121
 THE POI FOR THIS RIFLE IS: .9626

0

FILE: PATTERNING/CENTERFIRE_PATT/C6649126

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 3

2in = 7

3in = 9

HS= 2.476

VS= 1.316

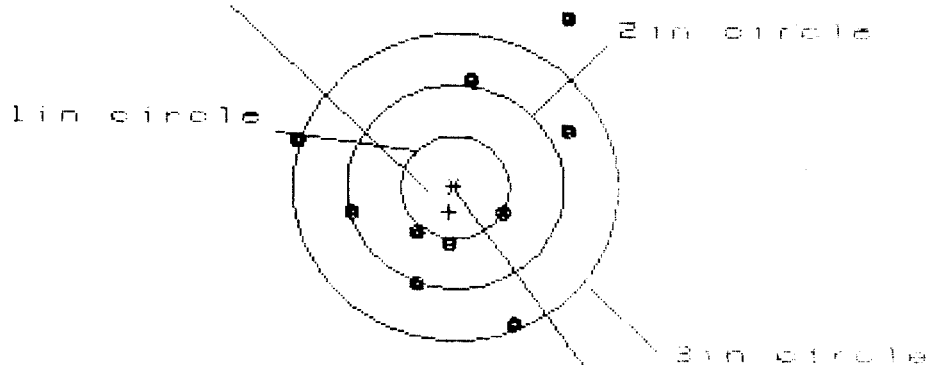
GS= 2.512

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	9
MAXIMUM X	1.474	.762	.669
MINIMUM X	-1.002	-.838	-.931
MAXIMUM Y	.807	.776	.711
MINIMUM Y	-.509	-.540	-.605
CENTROID X	.193	.029	.122
CENTROID Y	.328	.359	.424
ROR TO CENTROID in.	.380	.360	.441
MIN RADIUS	.163	.150	.216
MEAN RADIUS	.704	.606	.569
MAX RADIUS	1.501	.908	.932
HORIZONTAL SPREAD	2.476	1.600	1.600
VERTICAL SPREAD	1.316	1.316	1.316
EXTREME SPREAD	2.512	1.796	1.638
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

FILE: \PATTERNING\CENTERFIRE_PATT\06649128

CENTERFIRE PATTERNS # 2

FOR



OF SHOTS- 10

IN CIR

1in - 1

2in - 4

3in = 8

HS= 2.564

VS= 2.990

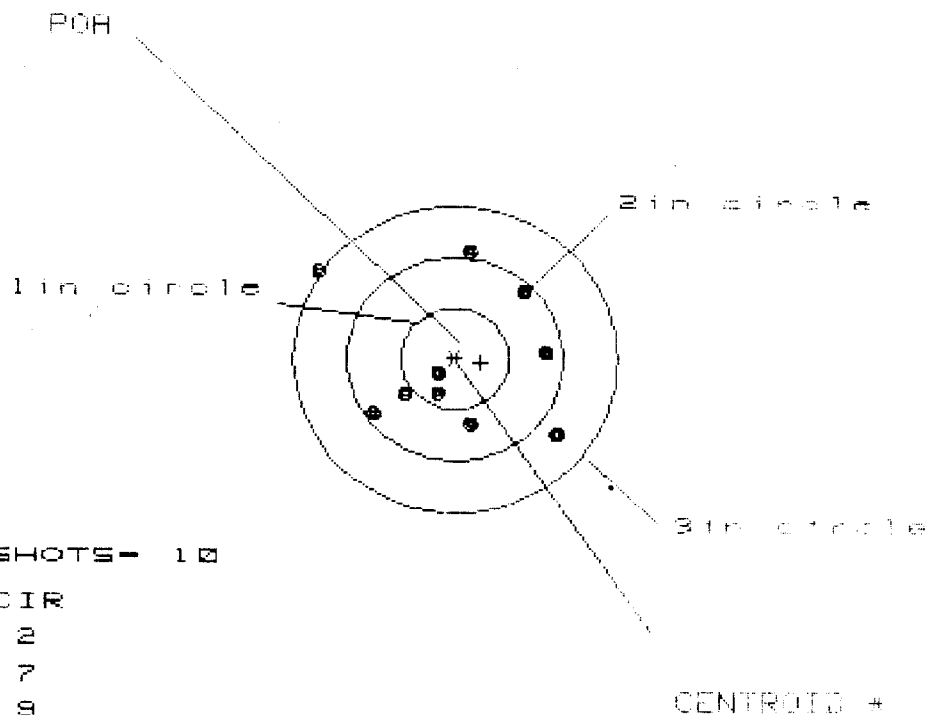
GS= 3.042

CENTROID +

PATTERN #	:	2
SHOTS (BEST OF)	:	10
MAXIMUM X	:	1.092
MINIMUM X	:	-1.472
MAXIMUM Y	:	1.665
MINIMUM Y	:	-1.325
CENTROID X	:	.055
CENTROID Y	:	.242
FOR TO CENTROID in.	:	.248
MIN RADIUS	:	.472
MEAN RADIUS	:	1.086
MAX RADIUS	:	1.975
HORIZONTAL SPREAD	:	2.564
VERTICAL SPREAD	:	2.990
EXTREME SPREAD	:	3.042
NUMBER IN ONE INCH CIRCLE	=	1
NUMBER IN TWO INCH CIRCLE	=	4
NUMBER IN THREE INCH CIRCLE	=	8

FILE: \PATTERNING\CENTERFIRE_PATT\06649128

CENTERFIRE PATTERNS # 3

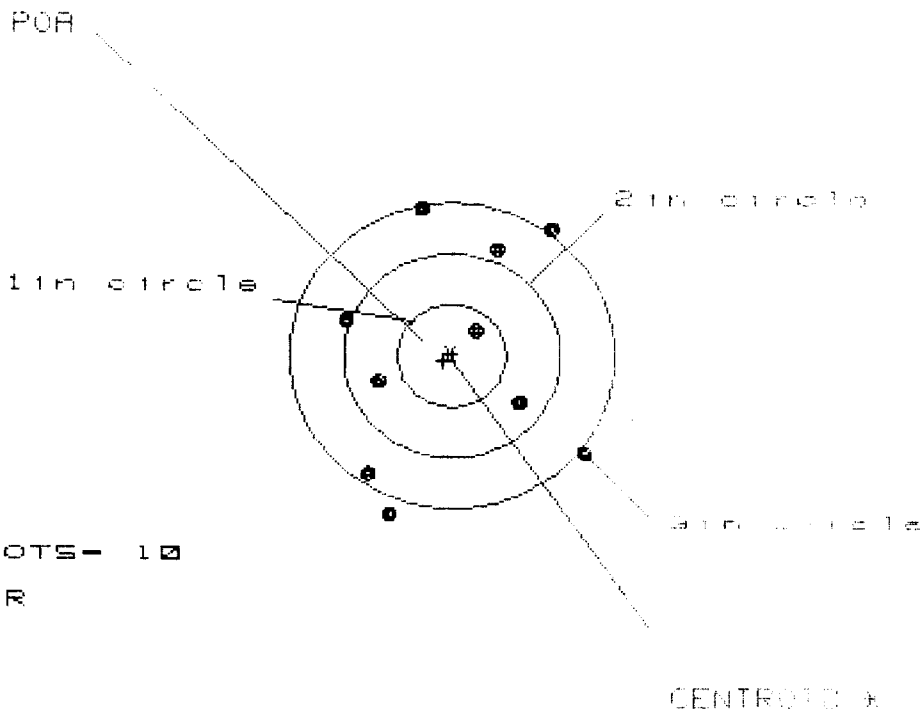


PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.929	.790	.901
MINIMUM X	-1.253	-.911	-.812
MAXIMUM Y	1.080	1.178	1.098
MINIMUM Y	-.739	-.641	-.602
CENTROID X	-.238	-.099	-.130
CENTROID Y	.037	-.062	.018
POH TO CENTROID in.	.241	.117	.198
MIN RADIUS	.181	.284	.206
MEAN RADIUS	.830	.742	.698
MAX RADIUS	1.534	1.178	1.100
HORIZONTAL SPREAD	2.182	1.701	1.613
VERTICAL SPREAD	1.819	1.819	1.700
EXTREME SPREAD	2.720	1.991	1.893
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

11 AUG 1981

FILE://PATTERNING/CENTERFIRE_PATT/06649128

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 1

2in = 3

3in = 6

HS= 2.191

VS= 3.008

GS= 3.126

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.179	1.116	1.224
MINIMUM X	-1.012	-1.075	-1.007
MAXIMUM Y	1.483	1.314	1.445
MINIMUM Y	-1.525	-1.358	-1.227
CENTROID X	.077	.140	.002
CENTROID Y	.052	.221	.090
POA TO CENTROID in.	.093	.262	.095
MIN RADIUS	.376	.214	.381
MEAN RADIUS	1.172	1.099	1.067
MAX RADIUS	1.626	1.599	1.566
HORIZONTAL SPREAD	2.191	2.191	2.191
VERTICAL SPREAD	3.008	2.672	2.672
EXTREME SPREAD	3.126	2.955	2.836
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	6		

22 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8649128

CENTERFIRE PATTERNS # 5

POR

1 in circle

2 in circle

3 in circle

OF SHOTS - 10

IN CIR

1 in - 0

2 in - 6

3 in - 8

HS - 2.843

VS - 1.746

GS - 2.871

CENTROID #

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.717	1.338	1.440
MINIMUM X	-1.126	-1.935	-1.367
MAXIMUM Y	.605	.661	.526
MINIMUM Y	-1.141	-1.073	-1.498
CENTROID X	-.012	-.203	-.670
CENTROID Y	-.101	-.169	-.035
FOR TO CENTROID IN.	.102	.264	.172
ONE RADIUS	.542	.345	.236
TWO RADIUS	1.021	.875	.704
THREE RADIUS	1.821	1.715	1.471
ONE RADIUS SPREAD	2.843	2.273	2.012
TWO RADIUS SPREAD	1.746	1.734	1.905
THREE RADIUS SPREAD	2.871	2.642	2.016
NUMBER IN ONE INCH CIRCLE	=	0	
NUMBER IN TWO INCH CIRCLE	=	6	
NUMBER IN THREE INCH CIRCLE	=	8	