

C6649129

MODEL 700™ M24

Model SWS™

Action _____

Barrel Length _____

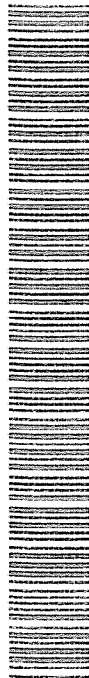
Capacity _____

Order No. 5716

* Includes 1 in chamber.

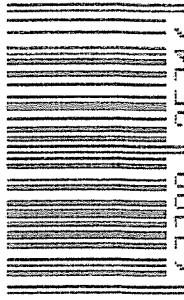
Remington

Remington® REG. U.S. PAT. & TM. OFF. 		VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700™ H24		SERIAL NO. C6649129
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.		ORDER NO. 5716



5716 C6649129

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6649129

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	6 27	9 1	RW
600	Proof	6 27	9 1	RW
607	Check Headspace	6 27	9 1	RW
610	Dis-assemble Gun	6 27	9 1	RW
612	Magnaflux Barrel Action		JUL 2 1991	KR
	Magnaflux Bolt		JUL 2 1991	KR
615	Rollmark Caliber		JUL 2 1991	GL.
617	Drill and Tap Sight Holes		JUL 2 1991	LB
618	Polish Barrel		JUL 7 1991	WLB
620	Apply Coatings (Barrel Action)		7-22-91	DA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		7/23/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		7/23/91	RW
	C) Inspect Ejector Hole for Chamfer		7/23/91	RW
	D) Oil Firing Pin Ass'y		7/23/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		8591	DH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			8-6-91	DH
	G) Safety Off Force	3	3	3			8-6-91	DH
	H) Trigger Pull Test & Retainability						8-5-91	DH
	I) Firing Pin Indent	.020	.020	.020			8-6-91	DH
	J) Assemble Stock						8/7/91	RW
	K) Assemble Swivel Studs						8-8-91	DH
	L) Attach Front and Rear Sight Assemblies						8/7/91	RW
	M) Iron Sight Alignment						8/7/91	RW
	N) Detach Front & Rear Sights & place in numbered container						8/7/91	RW
	O) Attach Scope to Rifle						8/2/91	RW
	P) Detach & Attach Scope 20 Times						8/7/91	RW
640	Gallery Target & Test						8/7/91	KT
	A) Time							KT
	B) Malfunctions							KT
	C) Pierced Primers							KT
	D) Optical Clarity of Scope							KT
645	Inspect for Live Ammo						8/7/91	KT
655	Final Inspection							
	A) Headspace						8-8-91	DH
	B) Trigger Pull	2.26	2.20	2.15	2.21	2.15	8-8-91	JK
	C) Function						8-8-91	DH
660	Pack						7-17-91	DH

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06649129
7 Aug 1991

CENTROIDAL DISTANCES

0 TO	1	.097
1 TO	2	.342462
1 TO	3	.349515
1 TO	4	.206848
1 TO	5	.335555

24 <----POA

THE AVERAGE X COORDINATE FOR THIS RIFLE IS: -.0534
THE AVERAGE Y COORDINATE FOR THIS RIFLE IS: -.1236
THE RESULTING AVERAGE POA RADIUS FOR THIS RIFLE IS: .1746
THE RMS FOR THIS RIFLE IS: .17416

8/25/83

FILE:/PATTERNING/CENTERFIRE_PATT/C6649129

CENTERFIRE PATTERNS # 1

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS - 10

IN CIR

1in - 4

2in - 8

3in = 10

HS= 1.679

VS= 2.200

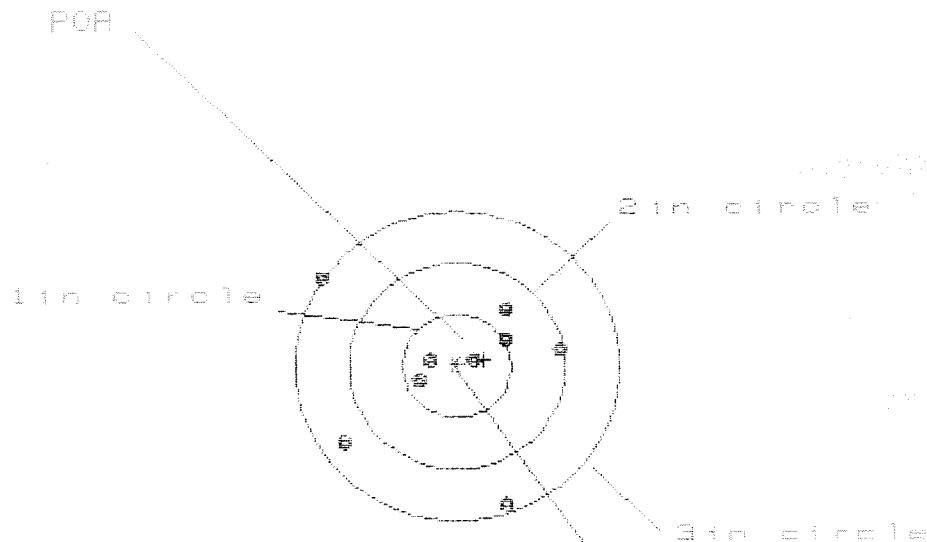
GS= 2.201

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	9
MAXIMUM X	.754	.712	.665
MINIMUM X	-.925	-.967	-1.014
MAXIMUM Y	1.051	.924	.632
MINIMUM Y	-1.149	-.747	-.602
CENTROID X	.065	.107	.154
CENTROID Y	.072	.199	.084
POA TO CENTROID in.	.097	.226	.175
MIN RADIUS	.060	.084	.113
MEAN RADIUS	.641	.577	.504
MAX RADIUS	1.210	1.032	1.028
HORIZONTAL SPREAD	1.679	1.679	1.679
VERTICAL SPREAD	2.200	1.671	1.304
CIRCULAR SPREAD	2.201	1.992	1.362
SHOTS IN ONE INCH CIRCLE =	4		
SHOTS IN TWO INCH CIRCLE =	8		
SHOTS IN THREE INCH CIRCLE =	10		

7 Aug 1991

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CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1 in = 4

2 in = 7

3 in = 9

HE = 2.232

VS = 2.122

GS = 2.716

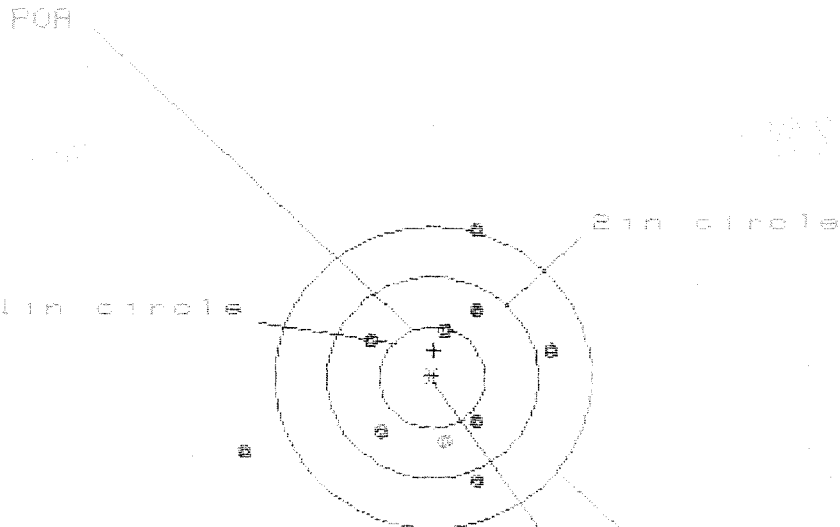
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.968	.827	.864
MINIMUM X	:	-1.264	-1.215	-1.178
MAXIMUM Y	:	.823	.654	.583
MINIMUM Y	:	-1.299	-1.207	-1.774
CENTROID X	:	-.251	-.110	-.147
CENTROID Y	:	-.060	-.152	-.001
POA TO CENTROID in.	:	.258	.188	.147
MIN RADIUS	:	.287	.185	.088
MEAN RADIUS	:	.766	.681	.568
MAX RADIUS	:	1.589	1.365	1.410
HORIZONTAL SPREAD	:	2.232	2.042	2.042
VERTICAL SPREAD	:	2.122	1.861	1.277
EXTREME SPREAD	:	2.716	2.238	2.238
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

7 Aug 1991

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CENTERFIRE PATTERNS # 3



OF SHOTS = 13

IN CIE

1in = 1

2in = 6

3in = 6

HS = 2.0002

VS = 0.484

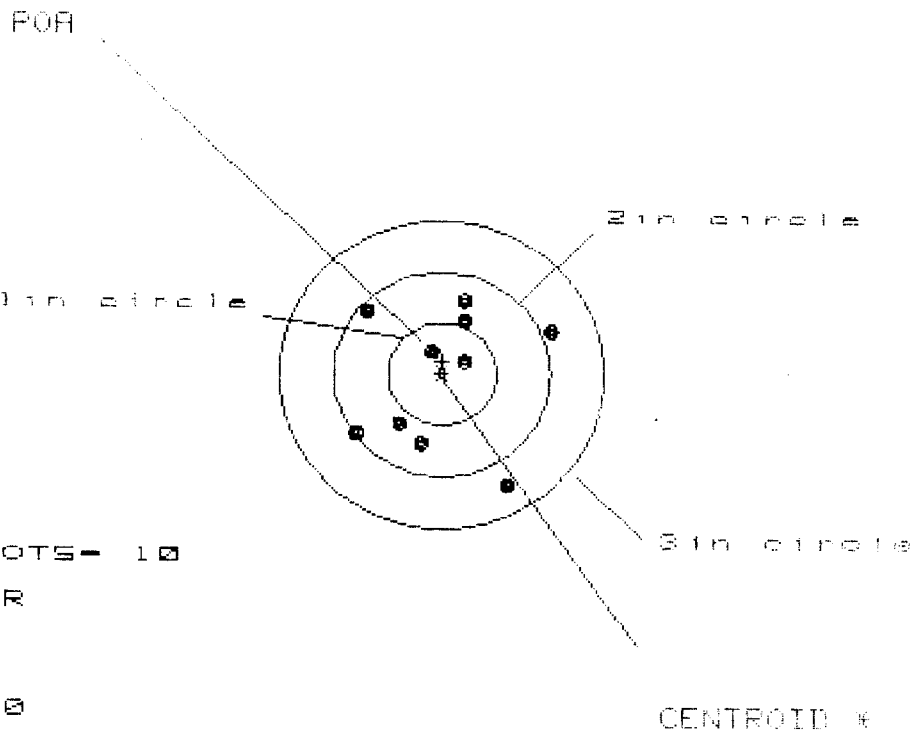
GS = 0.150

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.099	.981	.924
MINIMUM X	-1.783	-.789	-.766
MAXIMUM Y	1.477	1.392	.795
MINIMUM Y	-1.007	-1.092	-.918
CENTROID X	-.016	.182	.159
CENTROID Y	-.268	-.183	-.357
POA TO CENTROID in.	.268	.258	.390
MIN RADIUS	.461	.394	.371
MEAN RADIUS	.944	.818	.725
MAX RADIUS	1.941	1.484	.976
HORIZONTAL SPREAD	2.882	1.690	1.690
VERTICAL SPREAD	2.484	2.484	1.713
EXTREME SPREAD	3.120	2.484	1.713
NUMBER IN ONE INCH CIRCLE	= 1		
NUMBER IN TWO INCH CIRCLE	= 6		
NUMBER IN THREE INCH CIRCLE	= 6		

10-10-83

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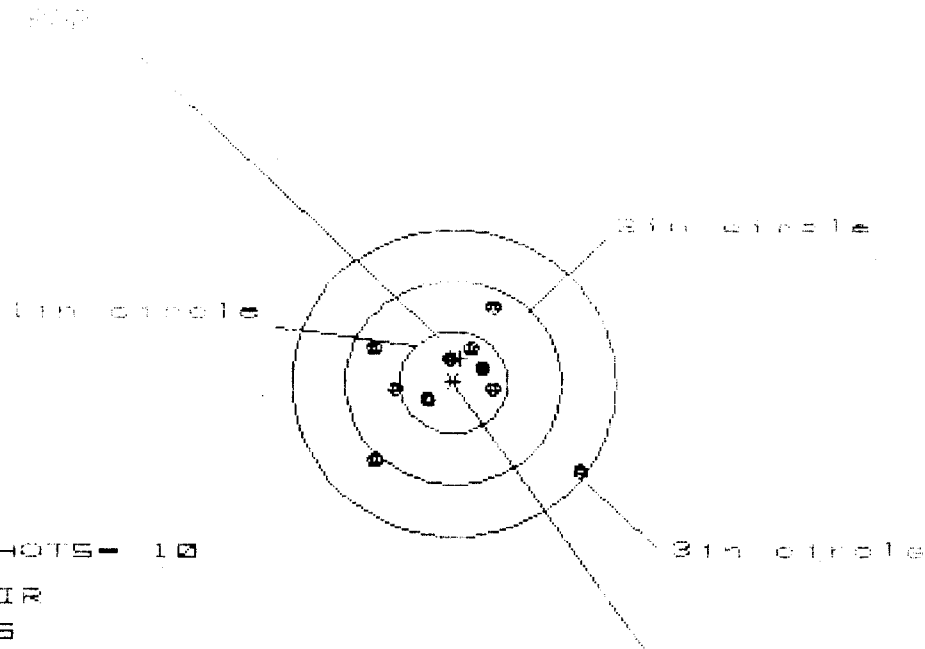
CENTERFIRE PATTERNS # 4



OF SHOTS- 10
IN CIR
1in = 2
2in = 8
3in = 10
HS= 1.730
VS= 1.816
GS= 2.169

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.975	1.037	.418
MINIMUM X	:	-.755	-.693	-.563
MAXIMUM Y	:	.735	.615	.649
MINIMUM Y	:	-1.081	-.804	-.770
CENTROID X	:	-.004	-.066	-.196
CENTROID Y	:	-.123	-.003	-.037
POA TO CENTROID IN.	:	.123	.066	.199
100 YARDS	:	.270	.155	.187
500 YARDS	:	.737	.662	.617
1000 YARDS	:	1.216	1.071	.836
1000 YARDS UPWARD	:	1.730	1.730	.981
1000 YARDS DOWNWARD	:	1.816	1.419	1.419
1000 YARDS UPWARD	:	2.169	1.959	1.563
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 5

2in = 8

3in = 10

HS= 1.805

VS= 1.877

GS= 2.209

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.111	.478	.487
MINIMUM X	:	-.694	-.571	-.837
MAXIMUM Y	:	.773	.673	.566
MINIMUM Y	:	-.904	-.855	-.724
CENTROID X	:	-.061	-.184	-.113
CENTROID Y	:	-.200	-.109	-.032
MAXIMUM CENTERED	:	.247	.231	.118
MINIMUM CENTERED	:	.248	.198	.075
MAXIMUM CENTERED	:	.628	.518	.427
MINIMUM CENTERED	:	1.432	1.028	.697
MAXIMUM CENTERED	:	1.605	1.049	1.044
MINIMUM CENTERED	:	1.877	1.528	.890
MAXIMUM CENTERED	:	2.209	1.853	1.225
MAXIMUM CENTERED	:	5	5	5
MINIMUM CENTERED	:	8	8	8
MAXIMUM CENTERED	:	10	10	10

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50#+ .50#
3.00#+ .75#
4.00#+1.00#

SERIAL NO. 06649129
DATE 8-5-91
TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.29	2.37	2.54	2.26	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.29	2.23	2.29	2.20	
PULL #3	2.31	2.30	2.62	2.15	
PULL #4	2.48	2.16	2.61	2.21	
PULL #5	2.50	2.31	2.11	2.15	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.18	3.16		
PULL #2	3.20	3.16		
PULL #3	3.19	3.08		
PULL #4	3.10	3.17		
PULL #5	3.14	3.08		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.18	4.12		4.09
PULL #2	4.05	4.04		4.23
PULL #3	4.10	3.99		4.08
PULL #4	4.12	4.01		4.10
PULL #5	4.19	3.99		4.16
TOTAL				
AVG.				