

C6649283

MODEL 700™ M24

Model **S&S**™

Action

Barrel Length

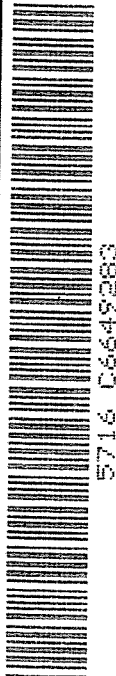
Capacity

Order No. **5716**

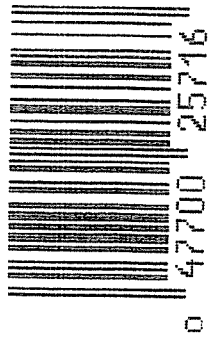
*Includes 1 in chamber.

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. C6649283	ORDER NO. 5716
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.			



UPC



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6649283

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	6 27 9 1		AW
600	Proof	6 27 9 1		AW
607	Check Headspace	6 27 9 1		AW
610	Dis-assemble Gun	6 27 9 1		AW
612	Magnaflux Barrel Action	JUL	2 1991	KR
	Magnaflux Bolt	JUL	2 1991	KR
615	Rollmark Caliber	JUL	2 1991	JS
617	Drill and Tap Sight Holes	JUL	1 7 1991	FB
618	Polish Barrel	JUL	1 7 1991	WB
620	Apply Coatings (Barrel Action)		7-22-91	JA
	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		8-5-91	D/H

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			8-6-91	D/H
	G) Safety Off Force	2	2	2			8-6-91	D/H
	H) Trigger Pull Test & Retainability						8-5-91	D/H
	I) Firing Pin Indent	.020	.020	.021			8-6-91	D/H
	J) Assemble Stock						8/7/91	RW
	K) Assemble Swivel Studs						8-8-91	D/H
	L) Attach Front and Rear Sight Assemblies						8/2/91	RW
	M) Iron Sight Alignment						8/2/91	RW
	N) Detach Front & Rear Sights & place in numbered container						8/2/91	RW
	O) Attach Scope to Rifle						8/2/91	RW
	P) Detach & Attach Scope 20 Times						8/2/91	RW
640	Gallery Target & Test						8-7-91	AF
	A) Time						"	AF
	B) Malfunctions						"	AF
	C) Pierced Primers						"	AF
	D) Optical Clarity of Scope						"	AF
645	Inspect for Live Ammo						8-7-91	AF
655	Final Inspection							
	A) Headspace						8-8-91	D/H
	B) Trigger Pull	263	250	268	270	252	8-8-91	9/1
	C) Function						8-8-91	D/H
660	Pack						9-19-91	AF

SWS TRIGGER PULL TEST

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

SERIAL NO. C6649283
DATE 8-5-91
TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.58	2.31	2.28	2.63	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.60	2.61	2.68	2.50	
PULL #3	2.57	2.81	2.59	2.68	
PULL #4	2.61	2.81	2.58	2.70	
PULL #5	2.61	2.62	2.70	2.32	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.29	3.25		
PULL #2	3.45	3.42		
PULL #3	3.48	3.04		
PULL #4	3.36	3.47		
PULL #5	3.28	3.41		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.17	4.29		4.08
PULL #2	4.26	4.39		3.98
PULL #3	4.27	4.17		4.13
PULL #4	4.29	4.41		4.14
PULL #5	4.29	4.22		4.02
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06649283
7 Aug 1991

CENTROIDAL DISTANCES

0 TO	1	.0595399
1 TO	2	.0565685
1 TO	3	.0717008
1 TO	4	.125734
1 TO	5	.172977

* <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1138
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0002
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .1138
THE ANR FOR THIS RIFLE IS: .9854

7 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C66492B3

CENTERFIRE PATTERNS # 1

POB

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS= 10

IN CIR

1in = 2

2in = 6

3in = 10

HS= 2.531

VS= 1.916

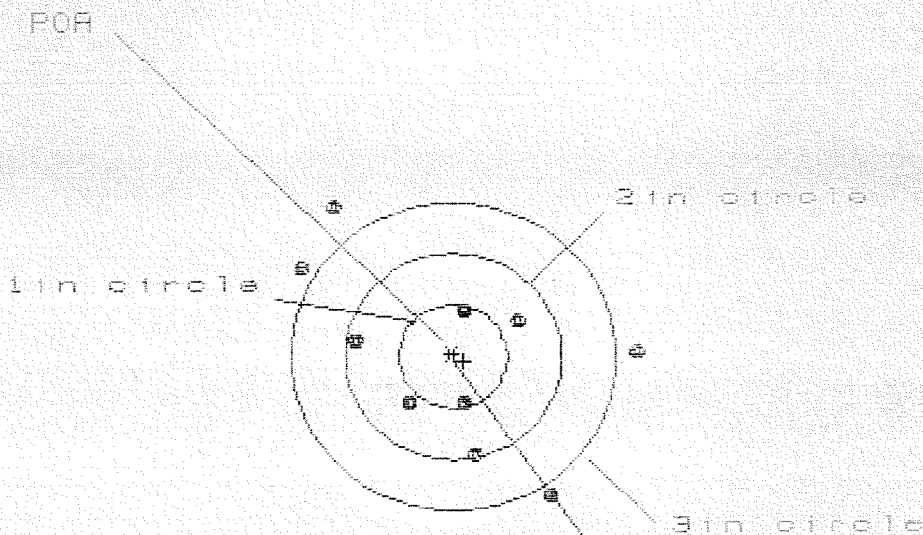
GS= 2.598

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.141	1.049	.891
MINIMUM X	-1.390	-1.263	-.858
MAXIMUM Y	1.077	.983	.940
MINIMUM Y	-.839	-.649	-.692
CENTROID X	-.059	-.186	-.028
CENTROID Y	.008	.102	.145
POB TO CENTROID in.	.060	.212	.148
MIN RADIUS	.085	.135	.057
MEAN RADIUS	.845	.778	.686
MAX RADIUS	1.417	1.310	1.104
HORIZONTAL SPREAD	2.531	2.312	1.759
VERTICAL SPREAD	1.916	1.632	1.632
EXTREME SPREAD	2.598	2.500	2.155
NUMBER IN ONE INCH CIRCLE	=	2	
NUMBER IN TWO INCH CIRCLE	=	6	
NUMBER IN THREE INCH CIRCLE	=	10	

7 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C86492B3

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 6

HS= 3.119

VS= 2.763

GS= 3.399

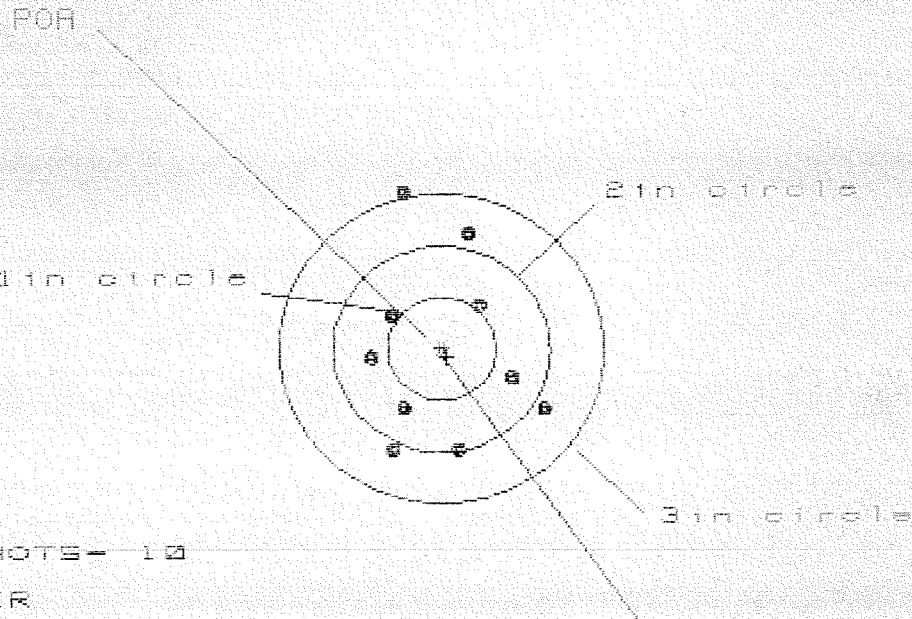
CENTROID #

PATTERN #	2	1	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.692	1.574	.997
MINIMUM X	-1.427	-1.345	-1.349
MAXIMUM Y	1.405	1.019	1.041
MINIMUM Y	-1.358	-1.202	-1.189
CENTROID X	-.099	.019	-.177
CENTROID Y	.048	-.103	-.130
POR TO CENTROID in.	.110	.110	.220
MIN RADIUS	.437	.341	.367
MEAN RADIUS	1.083	.987	.899
MAX RADIUS	1.761	1.851	1.704
HORIZONTAL SPREAD	3.119	3.119	2.346
VERTICAL SPREAD	2.763	2.221	2.221
EXTREME SPREAD	3.399	3.231	3.231
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		6	

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FILE: /PATTERNING/CENTERFIRE_PATT/C8B492B3

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 0

2in = 5

3in = 9

HS = 1.587

VS = 2.565

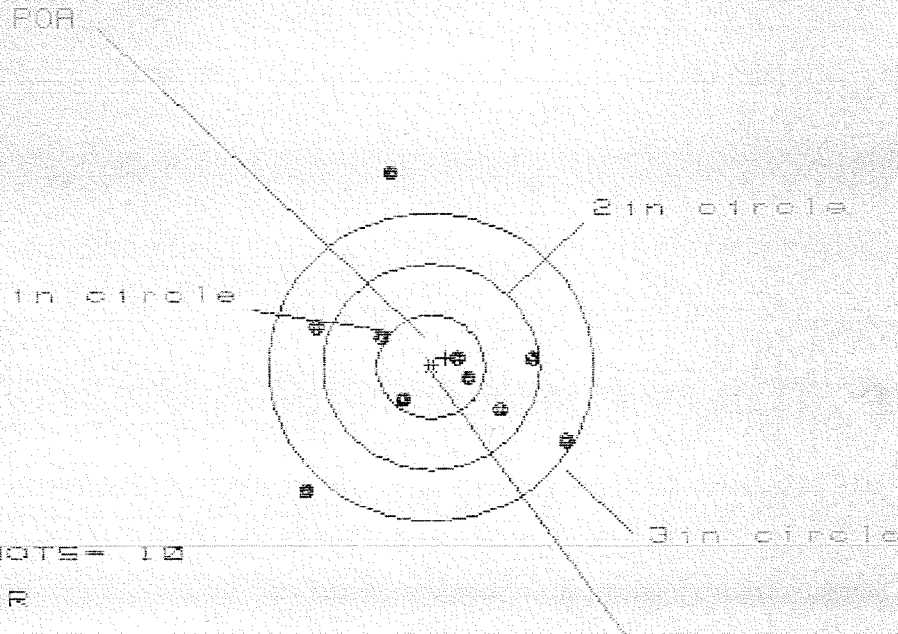
GS = 2.600

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.958	.923	.944
MINIMUM X	:	-.630	-.664	-.643
MAXIMUM Y	:	1.558	1.252	.735
MINIMUM Y	:	-1.007	-.834	-.678
CENTROID X	:	-.049	-.014	-.035
CENTROID Y	:	.079	-.094	-.250
POA TO CENTROID in.	:	.093	.095	.253
MIN RADIUS	:	.555	.547	.436
MEAN RADIUS	:	.898	.804	.729
MAX RADIUS	:	1.589	1.263	.965
HORIZONTAL SPREAD	:	1.587	1.587	1.587
VERTICAL SPREAD	:	2.565	2.006	1.413
EXTREME SPREAD	:	2.600	2.140	1.693
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	9		

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CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1in = 3

2in = 6

3in = 8

HS = 2.455

VS = 3.094

GS = 3.196

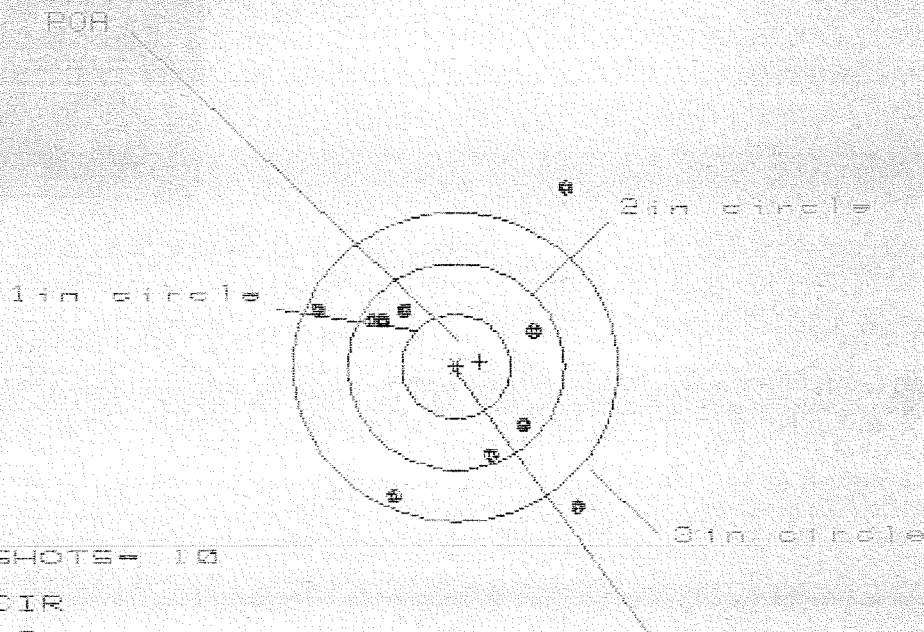
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.259	1.215	1.060
MINIMUM X	:	-1.196	-1.240	-1.306
MAXIMUM Y	:	1.063	.634	.506
MINIMUM Y	:	-1.231	-1.024	-.643
CENTROID X	:	-.139	-.095	.060
CENTROID Y	:	-.089	-.296	-.168
POR TO CENTROID in.	:	.165	.311	.179
MIN RADIUS	:	.228	.296	.106
MEAN RADIUS	:	.952	.836	.692
MAX RADIUS	:	1.905	1.608	1.400
HORIZONTAL SPREAD	:	2.455	2.455	2.365
VERTICAL SPREAD	:	3.094	1.658	1.149
EXTREME SPREAD	:	3.196	2.629	2.629
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			8	

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CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 5

3 in = 8

HS= 2.419

VS= 3.099

GS= 3.437

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.107	1.219	.964
MINIMUM X	:	-1.313	-1.200	-1.048
MAXIMUM Y	:	1.752	.732	.588
MINIMUM Y	:	-1.347	-1.152	-1.241
CENTROID X	:	-.223	-.336	-.488
CENTROID Y	:	-.047	-.242	-.098
POA TO CENTROID in.	:	.228	.414	.498
MIN RADIUS	:	.695	.754	.614
MEAN RADIUS	:	1.149	1.044	.935
MAX RADIUS	:	2.024	1.677	1.281
HORIZONTAL SPREAD	:	2.419	2.419	2.012
VERTICAL SPREAD	:	3.099	1.884	1.629
EXTREME SPREAD	:	3.437	3.059	2.248
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	