

C6649235

MODEL 700™ M24

Model **S&S**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

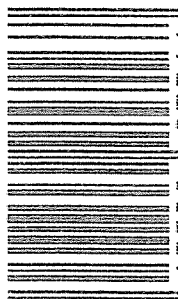
Remington

 		VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.	
MODEL 700™ H24		SERIAL NO. C6649235	ORDER NO. 5716
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.			



5716 C6649235

LJPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6649235

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	6 25	9 1	RW
600	Proof	6 25	9 1	RW
607	Check Headspace	6 25	9 1	RW
610	Dis-assemble Gun	25	9 1	RW
612	Magnaflux Barrel Action	JUL	1 1991	KR
	Magnaflux Bolt	JUL	1 1991	KR
615	Rollmark Caliber	JUL	1 1991	LL
617	Drill and Tap Sight Holes	JUL	1 1991	LB
618	Polish Barrel	JUL	2 1991	WB
620	Apply Coatings (Barrel Action)		8-27-91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/28/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/28/91	RW
	C) Inspect Ejector Hole for Chamfer		8/28/91	RW
	D) Oil Firing Pin Ass'y		8/28/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		9/5/91	JH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			9/5/91	GU
	G) Safety Off Force	3	3	3			9/5/91	GU
	H) Trigger Pull Test & Retainability						9/5/91	GU
	I) Firing Pin Indent	.0215	.020	.0205			9/5/91	GU
	J) Assemble Stock						9/6/91	RW
	K) Assemble Swivel Studs						9-10-91	DH
	L) Attach Front and Rear Sight Assemblies						9/6/91	RW
	M) Iron Sight Alignment						9/6/91	RW
	N) Detach Front & Rear Sights & place in numbered container						9/6/91	RW
	O) Attach Scope to Rifle						9/6/91	RW
	P) Detach & Attach Scope 20 Times						9/6/91	RW
640	Gallery Target & Test						9-9-91	AC
	A) Time						9-9-91	AC
	B) Malfunctions						9-9-91	AC
	C) Pierced Primers						9-9-91	AC
	D) Optical Clarity of Scope						9-9-91	AC
645	Inspect for Live Ammo						9-9-91	AC
655	Final Inspection						9-10-91	DH
	A) Headspace						9-9-91	DH
	B) Trigger Pull	264	249	244	267	274	9-9-91	DH
	C) Function						9-10-91	DH
660	Pack						9-17-91	DH

SWS TRIGGER PULL TEST

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

SERIAL NO. C 6649235
DATE 9-5-91
TESTER JM

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.66	2.67	2.55	2.64	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.62	2.57	2.52	2.49	
PULL #3	2.52	2.62	2.44	2.44	
PULL #4	2.55	2.52	2.50	2.67	
PULL #5	2.57	2.34	2.50	2.74	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.41	3.29		
PULL #2	3.32	3.39		
PULL #3	3.31	3.34		
PULL #4	3.37	3.40		
PULL #5	3.35	3.32		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.36	4.37		4.40
PULL #2	4.22	4.36		4.35
PULL #3	4.20	4.35		4.41
PULL #4	4.22	4.41		4.37
PULL #5	4.20	4.31		4.34
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06649235
9 Sep 1991

CENTROIDAL DISTANCES

0 TO 1	.371953
1 TO 2	.438617
1 TO 3	.648991
1 TO 4	.456232
1 TO 5	.279485

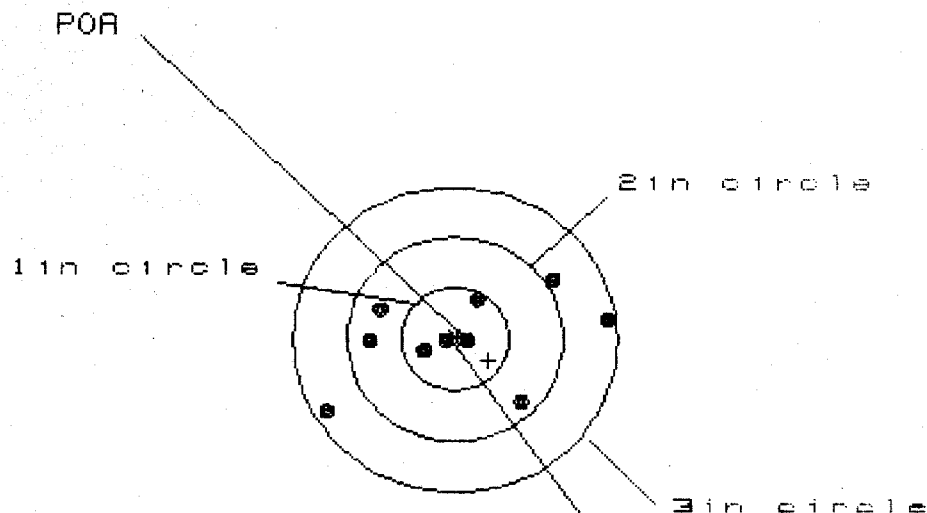
153 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0516
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .2022
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .20868
THE AVERAGE Z-COORDINATE FOR THIS RIFLE IS: .9322

9 Sep 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06649235

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 4

2in = 7

3in = 10

HS= 2.685

VS= 1.294

GS= 2.825

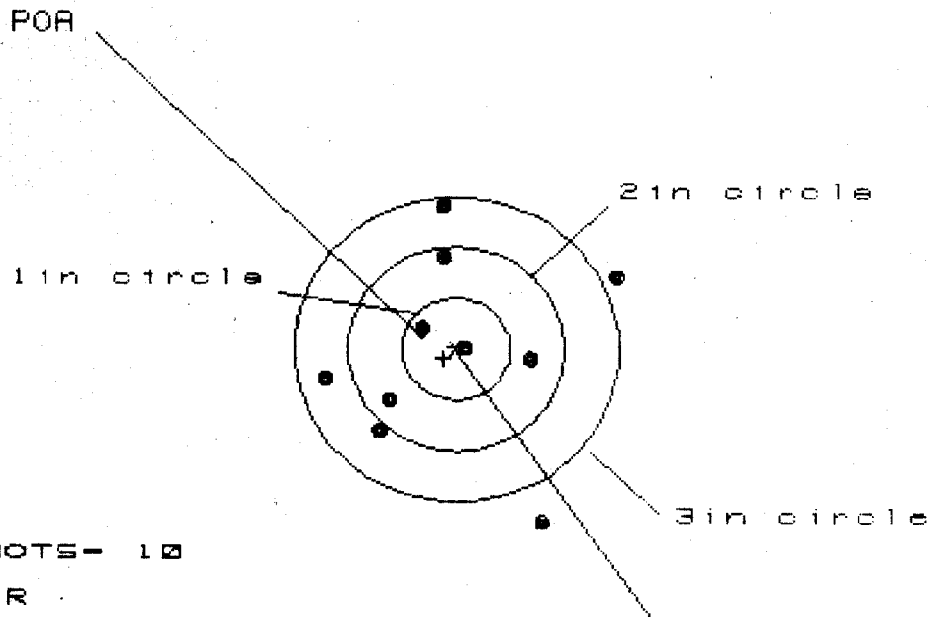
CENTROID *

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.452	1.050	.916
MINIMUM X	:	-1.233	-1.071	-.809
MAXIMUM Y	:	.615	.637	.555
MINIMUM Y	:	-.679	-.657	-.695
CENTROID X	:	-.307	-.469	-.335
CENTROID Y	:	.210	.188	.270
POA TO CENTROID in.	:	.372	.505	.430
MIN RADIUS	:	.075	.091	.097
MEAN RADIUS	:	.736	.647	.565
MAX RADIUS	:	1.466	1.257	1.071
HORIZONTAL SPREAD	:	2.685	2.121	1.725
VERTICAL SPREAD	:	1.294	1.294	1.250
EXTREME SPREAD	:	2.825	2.485	1.831
NUMBER IN ONE INCH CIRCLE	=	4		
NUMBER IN TWO INCH CIRCLE	=	7		
NUMBER IN THREE INCH CIRCLE	=	10		

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 2.727

VS= 3.076

GS= 3.184

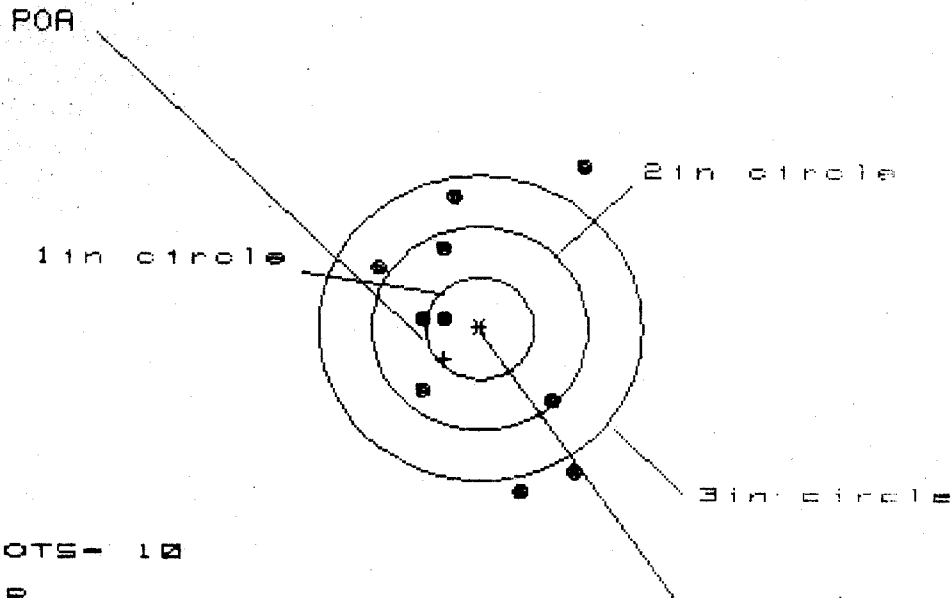
CENTROID #

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.515	1.598	.983
MINIMUM X	:	-1.212	-1.129	-.929
MAXIMUM Y	:	1.430	1.248	1.318
MINIMUM Y	:	-1.646	-.951	-.881
CENTROID X	:	.116	.033	-.167
CENTROID Y	:	.094	.276	.206
POA TO CENTROID in.	:	.149	.278	.265
MIN RADIUS	:	.083	.249	.126
MEAN RADIUS	:	1.014	.918	.796
MAX RADIUS	:	1.809	1.696	1.335
HORIZONTAL SPREAD	:	2.727	2.727	1.912
VERTICAL SPREAD	:	3.076	2.199	2.199
EXTREME SPREAD	:	3.184	2.923	2.285
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 7

HS= 1.905

VS= 3.165

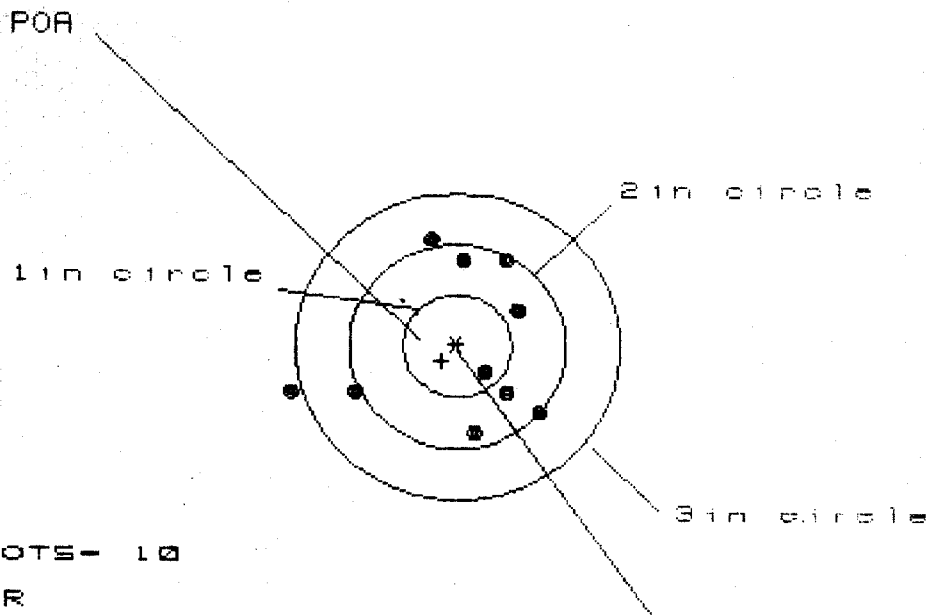
GS= 3.236

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.998	.990	1.044
MINIMUM X	:	-.907	-.796	-.742
MAXIMUM Y	:	1.550	1.443	1.263
MINIMUM Y	:	-1.615	-1.443	-1.373
CENTROID X	:	.335	.224	.170
CENTROID Y	:	.305	.133	.313
POA TO CENTROID in.	:	.453	.261	.356
MIN RADIUS	:	.314	.342	.167
MEAN RADIUS	:	1.101	.998	.890
MAX RADIUS	:	1.844	1.550	1.725
HORIZONTAL SPREAD	:	1.905	1.786	1.786
VERTICAL SPREAD	:	3.165	2.886	2.636
EXTREME SPREAD	:	3.236	2.937	2.857
NUMBER IN ONE INCH CIRCLE	=	1	5	7
NUMBER IN TWO INCH CIRCLE	=	5	5	7
NUMBER IN THREE INCH CIRCLE	=	7	5	7

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in - 1

2 in - 5

3 in - 9

HS- 2.332

VS= 1.890

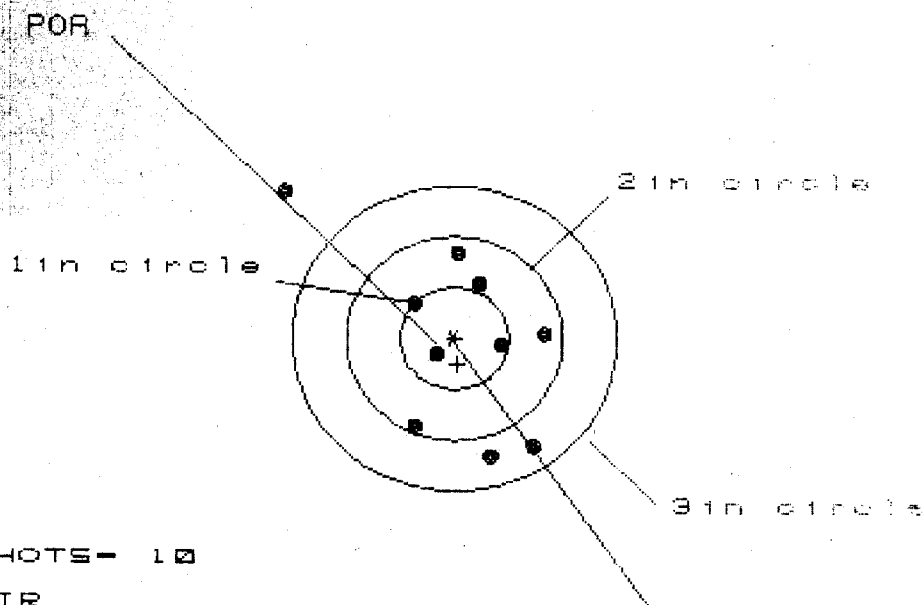
GS= 2.446

PATTERN #	:			
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.787	.615	.558
MINIMUM X	:	-1.545	-1.102	-1.159
MAXIMUM Y	:	1.023	.973	.972
MINIMUM Y	:	-.867	-.917	-.795
CENTROID X	:	.145	.317	.374
CENTROID Y	:	.148	.198	.077
POA TO CENTROID in.	:	.207	.374	.382
MIN RADIUS	:	.336	.311	.187
MEAN RADIUS	:	.924	.818	.757
MAX RADIUS	:	1.610	1.216	1.224
HORIZONTAL SPREAD	:	2.332	1.717	1.717
VERTICAL SPREAD	:	1.890	1.890	1.767
EXTREME SPREAD	:	2.446	2.004	1.967
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

1981

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 3

2in = 7

3in = 9

HS= 2.483

VS= 2.557

GS= 3.391

CENTROID *

PATTERN #	:			
SHOTS - BEST OF	:	10	9	8
MAXIMUM	:	.875	.696	.764
MINIMUM	:	-1.608	-.597	-.529
MAXIMUM	:	1.427	.966	.856
MINIMUM	:	-1.130	-.971	-1.081
CENTROID	:	-.031	.148	.080
CENTROID	:	.254	.095	.205
POR TO CENTROID	:	.256	.176	.220
MIN WAD	:	.238	.251	.287
NEAR WAD	:	.886	.735	.679
MAX PHOT	:	2.150	1.033	1.101
HORIZONTAL SPREAD	:	2.483	1.293	1.293
VERTICAL SPREAD	:	2.557	1.937	1.937
EXTREME SPREAD	:	3.391	1.979	1.962
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	