

06649105

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

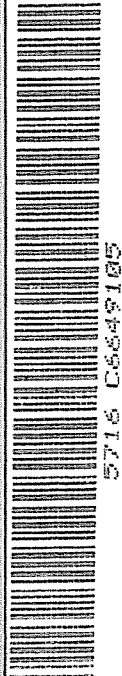
Remington®  REG. U.S. PAT. & TM. OFF.

MODEL 700™ H24

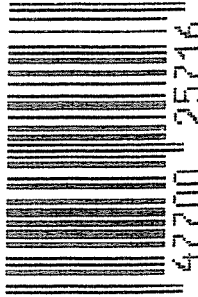
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.

SERIAL NO. C6649105	ORDER NO. 5716
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UPC



0 47700 25716 2

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6649105

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		8/2/91	KL
600	Proof		8/2/91	KL
607	Check Headspace		8/2/91	KL
610	Dis-assemble Gun		8/2/91	KL
612	Magnaflux Barrel Action		AUG 7 1991	KR
	Magnaflux Bolt		AUG 7 1991	KR
615	Rollmark Caliber		AUG 7 1991	GB
617	Drill and Tap Sight Holes		AUG 7 1991	KB
618	Polish Barrel		AUG 13 1991	WB
620	Apply Coatings (Barrel Action)		8-27-91	KL
	Apply Coating (Bolt)		8-27-91	KL
625	Final Assembly A) Clean inside of Bolt Assembly		9/4/91	KL
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/4/91	KL
	C) Inspect Ejector Hole for Chamfer		9/4/91	KL
	D) Oil Firing Pin Ass'y		9/4/91	KL
	E) Adjust Trigger Pull to Min Setting and Stake		9/10/91	KL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			9/10/91	SH
	G) Safety Off Force	3	3	3			9/10/91	SH
	H) Trigger Pull Test & Retainability						9/10/91	SH
	I) Firing Pin Indent	.0205	.0215	.0215			9/10/91	SH
	J) Assemble Stock						9/12/91	KL
	K) Assemble Swivel Studs						9-12-91	DH
	L) Attach Front and Rear Sight Assemblies						9/12/91	KL
	M) Iron Sight Alignment						9/12/91	KL
	N) Detach Front & Rear Sights & place in numbered container						9/12/91	KL
	O) Attach Scope to Rifle						9/12/91	KL
	P) Detach & Attach Scope 20 Times						9/12/91	KL
640	Gallery Target & Test						9-13-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						9-13-91	NF
655	Final Inspection						9-14-91	DH
	A) Headspace						9-14-91	DH
	B) Trigger Pull	2.51	2.49	2.53	2.36	2.20	9-14-91	DH
	C) Function						9-14-91	DH
660	Pack						9-14-91	NF

SWS TRIGGER PULL TEST

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

SERIAL NO C-6649105
DATE 9-10-91
TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.31	2.38	2.43	2.51	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.28	2.41	2.48	2.49	
PULL #3	2.26	2.38	2.36	2.53	
PULL #4	2.48	2.34	2.25	2.30	
PULL #5	2.47	2.41	2.40	2.20	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.49	3.38		
PULL #2	3.68	3.26		
PULL #3	3.32	3.24		
PULL #4	3.24	3.34		
PULL #5	3.24	3.37		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.43	4.31		4.39
PULL #2	4.42	4.46		4.45
PULL #3	4.37	4.28		4.45
PULL #4	4.36	4.32		4.58
PULL #5	4.34	4.39		4.39
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6649105
12 Sep 1991

CENTROIDAL DISTANCES

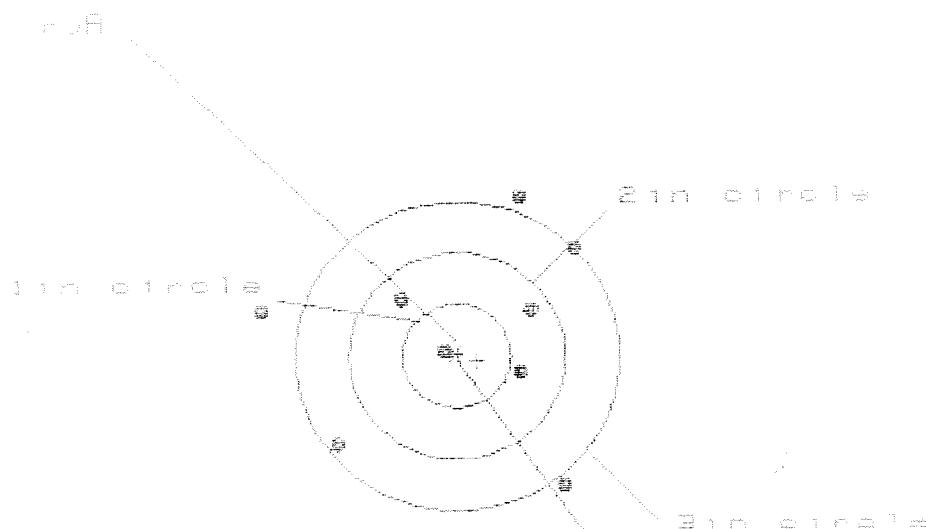
0	TO	1	.195309
1	TO	2	.245579
1	TO	3	.316982
1	TO	4	.369777
1	TO	5	.377294

25 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.02036
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1168
THE AVERAGE POI-RADIUS FOR THIS RIFLE IS: .118561
THE AVERAGE Z-COORDINATE FOR THIS RIFLE IS: .8432

FILE:/PATTERNING/CENTERFIRE_PATT/08649185

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 1

2in = 4

3in = 5

MS= 2.0004

VS= 0.5003

CS= 0.0008

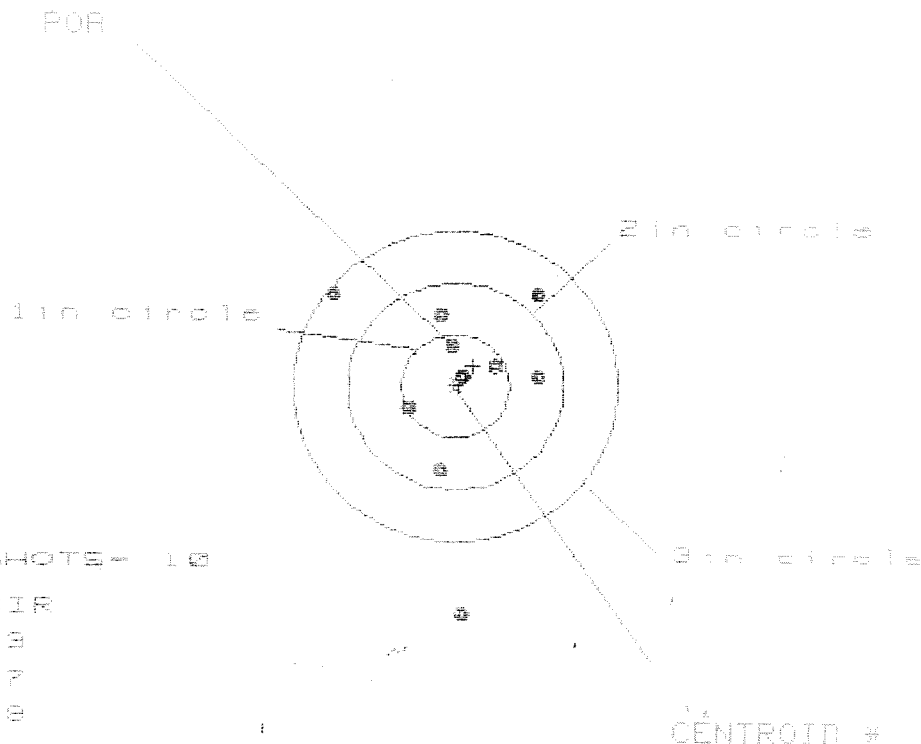
CENTROID #

PATTERN #	1	2	3
SHOTS BEST OF	10	9	8
MAXIMUM	1.110	1.057	.827
MINIMUM	-1.784	-1.837	-1.361
MAXIMUM	1.587	1.374	1.403
MINIMUM	-1.916	-1.427	-1.398
CENTROID	-.188	-.185	.095
CENTROID	.050	.263	.234
MS TO CENTROID	.193	.295	.253
MS FROM	.164	.257	.453
MEAN RADIAL	1.242	1.144	1.039
MS FROM	1.975	1.851	1.697
MAXIMUM FROM	2.894	2.894	2.188
MINIMUM FROM	0.500	2.001	2.001
CENTROID FROM	3.658	3.264	3.926
NUMBER IN ONE INCH CIRCLE	=	1	
NUMBER IN TWO INCH CIRCLE	=	4	
NUMBER IN THREE INCH CIRCLE	=	5	

34-1931

FILE:/PATTERNING/CENTERFIRE_PATT/C664S185

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 7

3 in = 0

HE- 1.964

VE- 3.079

GE- 3.306

PATTERN #

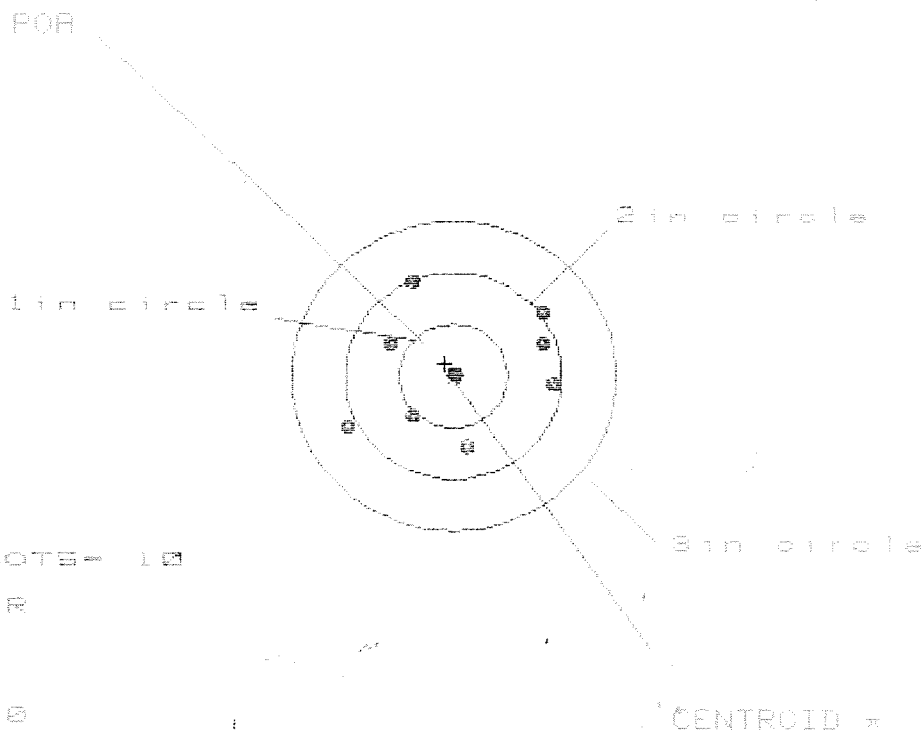
2

SHOTS (BEST OF)	10	9	8
MAXIMUM	.810	.816	.572
MINIMUM	-1.154	-1.148	-.628
MAXIMUM	.884	.641	.692
MINIMUM	-2.194	-1.841	-.961
CENTROID	-.161	-.167	-.023
CENTROID	-.194	.049	-.031
FOR TO CENTROID (in)	.253	.174	.035
MIN RADIUS	.110	.143	.122
MEAN RADIUS	.847	.654	.559
VAR RADIUS	2.195	1.315	.993
HORIZONTAL SPREAD	1.964	1.964	1.292
VERTICAL SPREAD	3.079	1.682	1.653
EXTREME SPREAD	3.306	2.111	1.847
NUMBER IN ONE INCH CIRCLE	=	3	
NUMBER IN TWO INCH CIRCLE	=	7	
NUMBER IN THREE INCH CIRCLE	=	9	

10 Sep 1991

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CENTERFIRE PATTERNS # 3



OF SHOTS= 10
IN CIR
1 in = 1
2 in = 8
3 in = 10
LE= 1.856
VS= 1.597
GS= 2.133

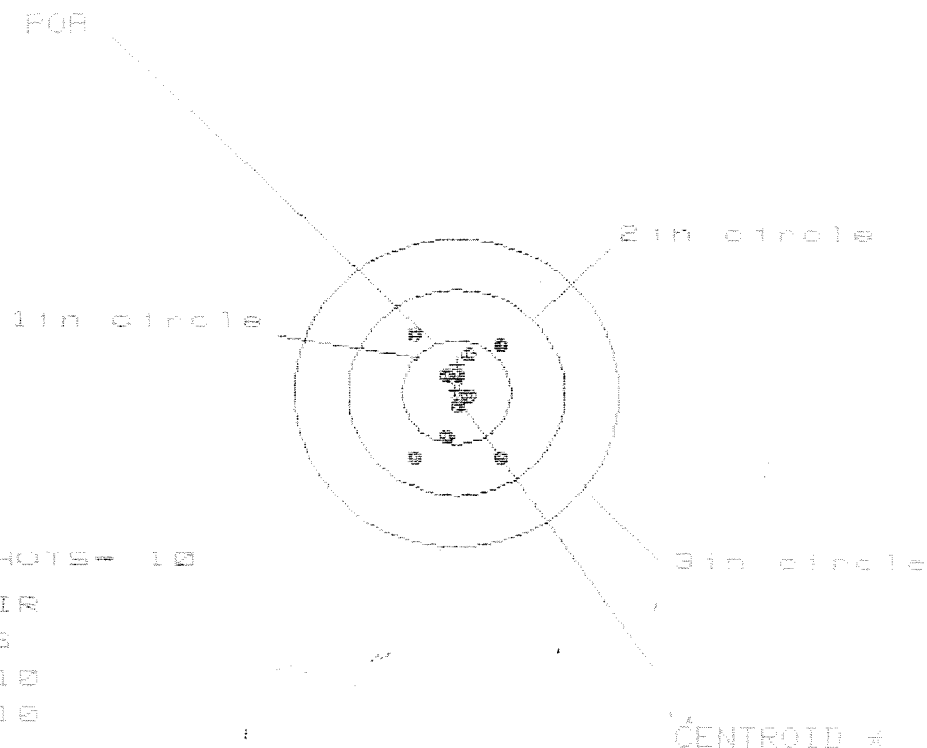
PATTERN #		10	9	8
SHOTS (BEST OF)		10	9	8
MAXIMUM X		.984	.798	.892
MINIMUM X		-.952	-.640	-.545
MAXIMUM Y		.876	.817	.683
MINIMUM Y		-.721	-.780	-.714
CENTROID X		.080	.186	.092
CENTROID Y		-.118	-.059	-.126
POB TO CENTROID (in)		.143	.195	.155
1 IN RADIUS		.034	.134	.047
MEAN RADIUS		.743	.716	.664
MAX RADIUS		1.090	.976	.987
HORIZONTAL SPREAD		1.856	1.438	1.438
VERTICAL SPREAD		1.597	1.597	1.537
EXTREME SPREAD		2.133	1.700	1.700
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

1 Sep 68

FILE: PATTERNING/CENTERFIRE_PATT/06649185

CENTERFIRE PATTERNS

4



OF SHOTS = 10

IN CIR

1in = 6

2in = 10

3in = 10

1st = .388

2nd = 1.145

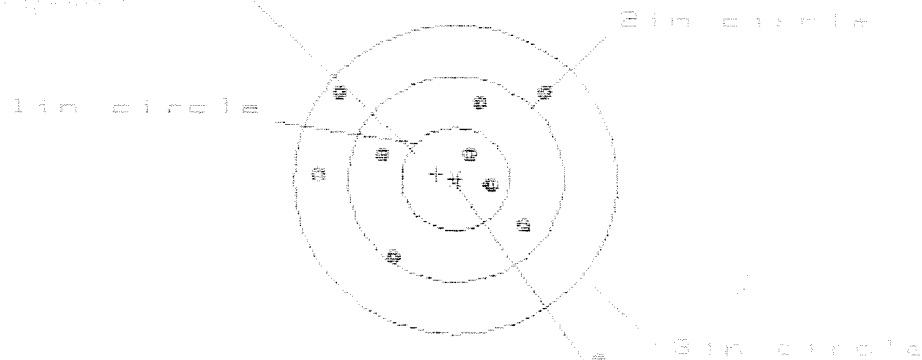
3rd = 1.838

PATTERN #

SHOTS (BEST OF)	10	9	8
MAXIMUM	.388	.345	.386
MINIMUM	-.345	-.383	-.347
MAXIMUM	.523	.454	.371
MINIMUM	-.622	-.667	-.550
CENTROID	-.887	.031	-.010
CENTROID	-.272	-.203	-.120
POA TO CENTROID	.273	.206	.121
1IN RADIUS	.873	.101	.068
2IN RADIUS	.401	.361	.303
3IN RADIUS	.716	.745	.565
HORIZONTAL SPREAD	.728	.728	.728
VERTICAL SPREAD	1.145	1.121	.921
EXTREME SPREAD	1.338	1.330	.999
NUMBER IN ONE INCH CIRCLE =		6	
NUMBER IN TWO INCH CIRCLE =		10	
NUMBER IN THREE INCH CIRCLE =		10	

CENTERFIRE PATTERNS # 0

POA



OF SHOTS= 10

IN CIR

1in = 2

2in = 6

3in = 9

10 = 8.500

20 = 8.810

30 = 9.551

CENTROID *

		10	9	6
Horizontal		1.361	.997	.880
Vertical		-1.242	-1.031	-1.205
Horizontal		.850	.654	.702
Vertical		-1.760	-.945	-.663
Horizontal		.175	.024	.138
Vertical		-.050	.146	.064
Horizontal		.182	.148	.152
Vertical		.262	.313	.219
Horizontal		.983	.832	.774
Vertical		2.225	1.174	1.295
Horizontal		2.693	2.088	2.088
Vertical		2.610	1.599	1.565
Horizontal		3.551	2.210	2.210
Horizontal		2	2	
Vertical		6	6	
Horizontal		9	9	