

C6649137

MODEL 700TM M24

Model SMSTM

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington

Remington®

MODEL 700™ H24

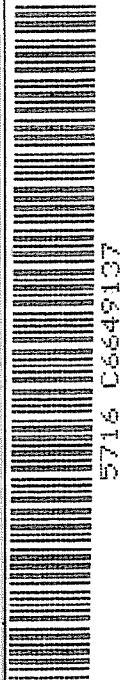
VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

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

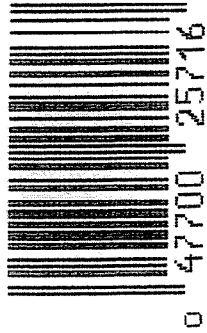
SERIAL NO.
C6649137

ORDER NO.
5716

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



UPC



GFY

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6649137

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	7/24/91	KL
600	Proof		7/24/91	KL
607	Check Headspace		7/24/91	KL
610	Dis-assemble Gun		7/24/91	KL
612	Magnaflux Barrel Action		AUG 7 1991	KP
	Magnaflux Bolt		AUG 7 1991	KP
615	Rollmark Caliber		AUG 7 1991	GL
617	Drill and Tap Sight Holes		AUG 7 1991	LB
618	Polish Barrel		AUG 13 1991	WB
620	Apply Coatings (Barrel Action)		8-27-91	KL
	Apply Coating (Bolt)			KL
625	Final Assembly A) Clean inside of Bolt Assembly		9/5/91	KL
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/5/91	KL
	C) Inspect Ejector Hole for Chamfer		9/5/91	KL
	D) Oil Firing Pin Ass'y		9/5/91	KL
	E) Adjust Trigger Pull to Min Setting and Stake		9/6/91	GL

op. #	OP. NAME	READINGS				DATE	INIT
625 cont.	F) Safety On Force	6	6	6		9/7/91	SH
	G) Safety Off Force	4	4	4		9/7/91	SH
	H) Trigger Pull Test & Retainability					9/6/91	SH
	I) Firing Pin Indent	.021	.022	.022		9/7/91	SH
	J) Assemble Stock					9/9/91	SH
	K) Assemble Swivel Studs					9/13/91	SH
	L) Attach Front and Rear Sight Assemblies					9/9/91	SH
	M) Iron Sight Alignment					9/9/91	SH
	N) Detach Front & Rear Sights & place in numbered container					9/9/91	SH
	O) Attach Scope to Rifle					9/9/91	SH
	P) Detach & Attach Scope 20 Times					9/9/91	SH
640	Gallery Target & Test					9-10-91	DH
	A) Time					9-10-91	DH
	B) Malfunctions					9-10-91	DH
	C) Pierced Primers					9-10-91	DH
	D) Optical Clarity of Scope					9-10-91	DH
645	Inspect for Live Ammo					9-10-91	DH
655	Final Inspection						
	A) Headspace					9/13/91	SH
	B) Trigger Pull	2.44	2.38	2.39	2.41	2.38	9-12-91
	C) Function					9/13/91	SH
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-6649137

DATE 9-6-91

TESTER JP

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.52	2.60	2.53	2.44	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.60	2.59	2.50	2.38	
PULL #3	2.58	2.64	2.52	2.39	
PULL #4	2.58	2.54	2.58	2.41	
PULL #5	2.53	2.51	2.50	2.38	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.37	3.39		
PULL #2	3.37	3.55		
PULL #3	3.48	3.40		
PULL #4	3.38	3.60		
PULL #5	3.50	3.64		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING - GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.21	4.32		4.37
PULL #2	4.24	4.32		4.28
PULL #3	4.25	4.23		4.32
PULL #4	4.19	4.25		4.31
PULL #5	4.32	4.20		4.29
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
RIFLE # C6649137
2 Sep 1991

CENTROIDAL DISTANCES

0 TO 1	.302804
1 TO 2	.794899
1 TO 3	.681001
1 TO 4	.989245
1 TO 5	.106104

$\frac{3}{4}$ <----POB

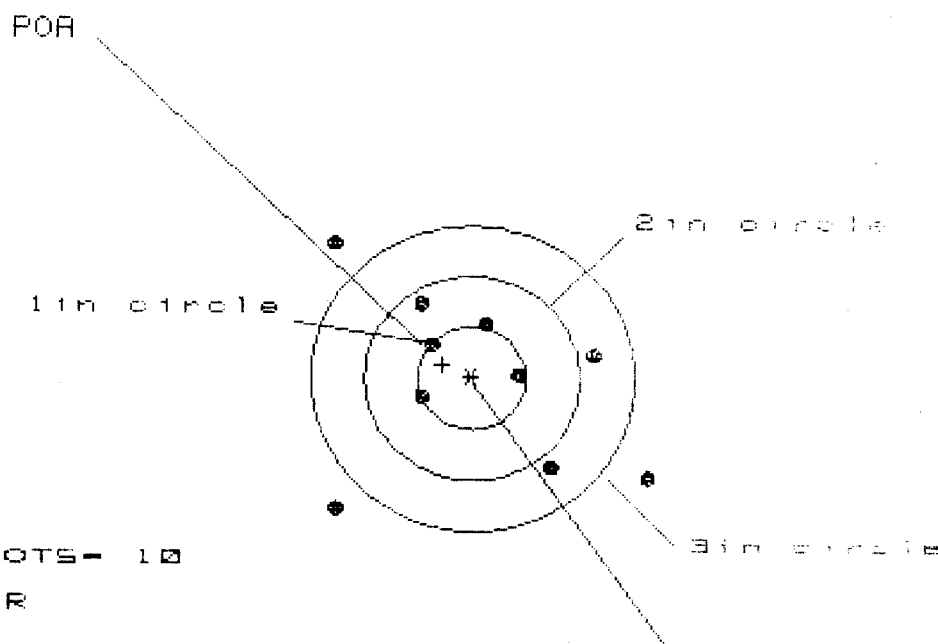
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.2134
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1174
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS:

THE AVERAGE POI RADIUS FOR THIS RIFLE IS: 1.012

14 Sep 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06B49137

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 7

HS= 2.931

VS= 2.537

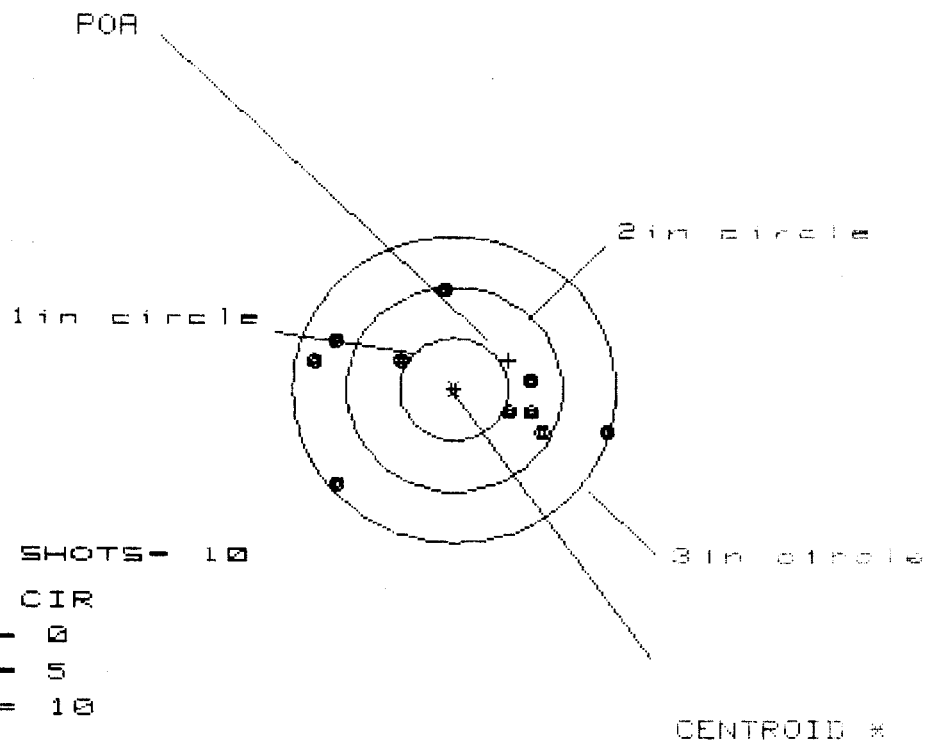
GS= 3.674

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.611	1.308	1.171
MINIMUM X	:	-1.320	-1.141	-1.278
MAXIMUM Y	:	1.303	1.195	1.176
MINIMUM Y	:	-1.234	-1.342	-1.199
CENTROID X	:	.273	.094	.131
CENTROID Y	:	-.131	-.023	-.101
POA TO CENTROID in.	:	.303	.097	.171
MIN RADIUS	:	.436	.331	.301
MEAN RADIUS	:	1.071	.955	.871
MAX RADIUS	:	1.882	1.762	1.671
HORIZONTAL SPREAD	:	2.931	2.449	2.341
VERTICAL SPREAD	:	2.537	2.537	2.341
EXTREME SPREAD	:	3.674	2.905	2.671
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	7		

18 Sep 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6649137

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 5

3 in = 10

HS= 2.685

VS= 1.932

GS= 2.776

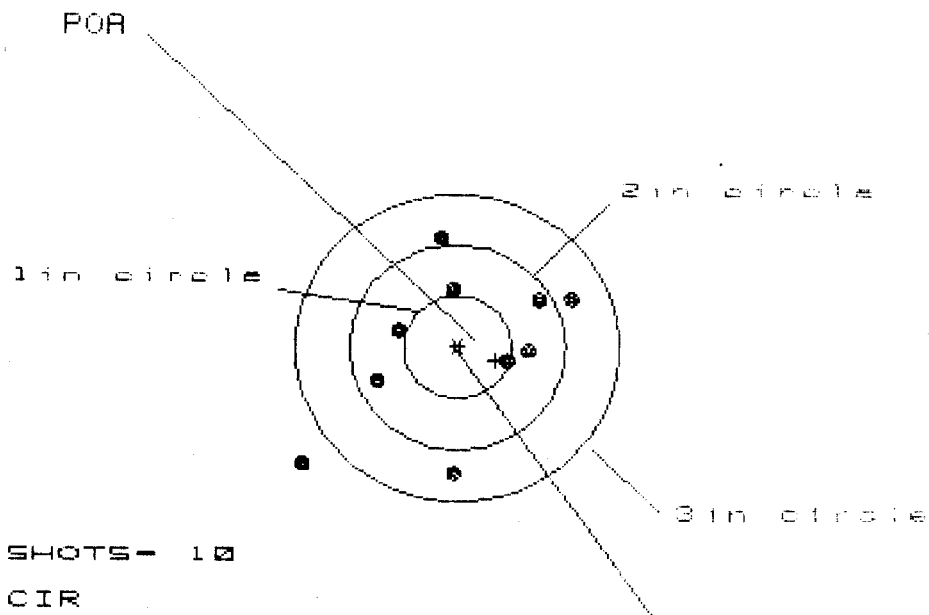
CENTROID *

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.367	1.243	.802
MINIMUM X	:	-1.318	-1.442	-1.286
MAXIMUM Y	:	1.022	.921	.859
MINIMUM Y	:	-.910	-.570	-.632
CENTROID X	:	-.508	-.384	-.540
CENTROID Y	:	-.279	-.178	-.116
POA TO CENTROID in.	:	.580	.424	.550
MIN RADIUS	:	.534	.469	.472
MEAN RADIUS	:	.995	.923	.819
MAX RADIUS	:	1.435	1.456	1.744
HORIZONTAL SPREAD	:	2.685	2.685	2.776
VERTICAL SPREAD	:	1.932	1.491	1.491
EXTREME SPREAD	:	2.776	2.776	2.776
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

18 Sep 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8649137

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 6

3 in = 9

HS = 2.434

VS = 2.309

GS = 2.897

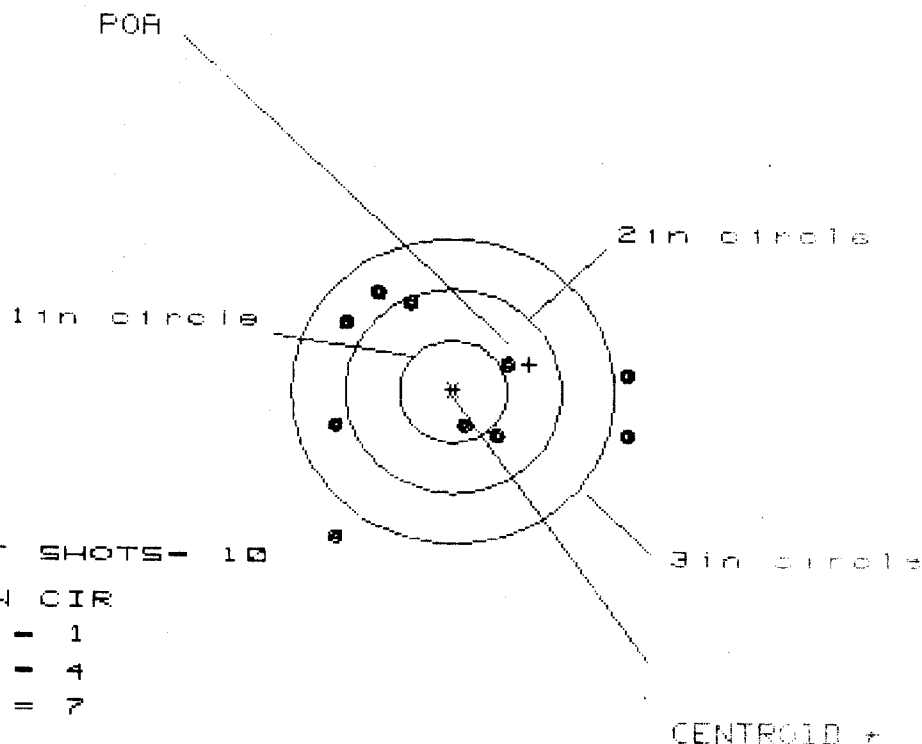
PATTERN #	:			
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.040	.885	.866
MINIMUM X	:	-1.394	-.860	-.879
MAXIMUM Y	:	1.102	.980	.814
MINIMUM Y	:	-1.208	-1.329	-.640
CENTROID X	:	-.356	-.201	-.182
CENTROID Y	:	.130	.251	.417
POA TO CENTROID in.	:	.379	.322	.455
MIN RADIUS	:	.459	.387	.355
MEAN RADIUS	:	.924	.795	.710
MAX RADIUS	:	1.773	1.338	1.098
HORIZONTAL SPREAD	:	2.434	1.745	1.745
VERTICAL SPREAD	:	2.309	2.309	1.454
EXTREME SPREAD	:	2.897	2.315	1.931
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

18 Sep 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6649137

CENTERFIRE PATTERNS

4



OF SHOTS - 10

IN CIR

1in = 1

2in = 4

3in = 7

HS = 2.742

VS = 2.380

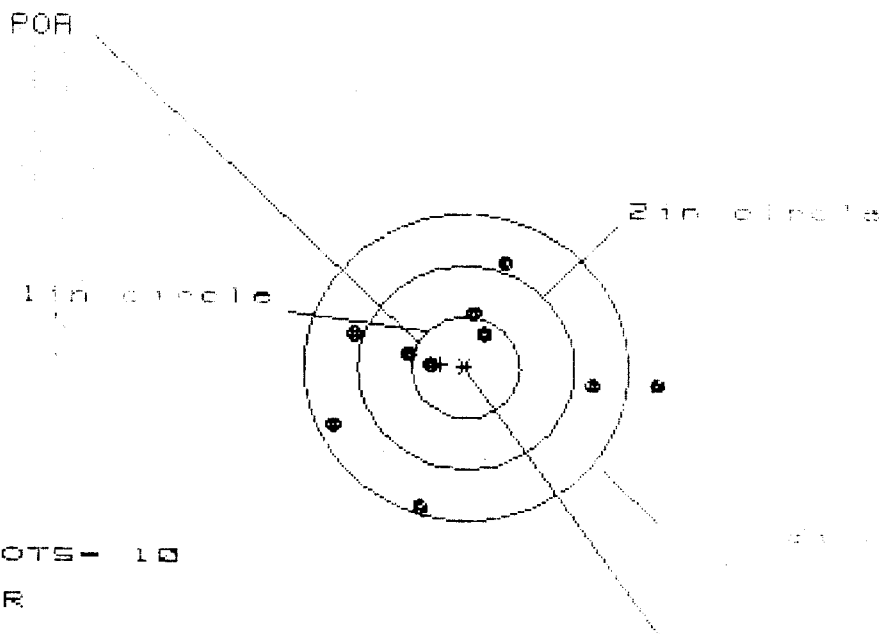
GS = 3.150

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.650	1.529	1.645
MINIMUM X	:	-1.092	-1.195	-1.084
MAXIMUM Y	:	.969	.813	.810
MINIMUM Y	:	-1.411	-.612	-.615
CENTROID X	:	-.706	-.585	-.776
CENTROID Y	:	-.273	-.117	-.114
POA TO CENTROID in.	:	.757	.596	.734
MIN RADIUS	:	.304	.363	.475
MEAN RADIUS	:	1.099	1.013	.941
MAX RADIUS	:	1.784	1.575	1.754
HORIZONTAL SPREAD	:	2.742	2.724	2.645
VERTICAL SPREAD	:	2.380	1.425	1.425
EXTREME SPREAD	:	3.150	2.792	2.792
NUMBER IN ONE INCH CIRCLE =	:	1	1	1
NUMBER IN TWO INCH CIRCLE =	:	4	4	4
NUMBER IN THREE INCH CIRCLE =	:	7	7	7

18 Sep 1991

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CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1in - 2

2in - 4

3in - 9

HS - 2.922

VS - 2.352

GS - 2.957

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	9
MAXIMUM X	:	1.733	1.409	1.683
MINIMUM X	:	-1.189	-.997	-1.023
MAXIMUM Y	:	.987	.969	.796
MINIMUM Y	:	-1.365	-1.383	-.884
CENTROID X	:	.230	.038	.064
CENTROID Y	:	-.034	-.016	.157
POA TO CENTROID in.	:	.233	.041	.170
MIN RADIUS	:	.331	.176	.282
MEAN RADIUS	:	.971	.847	.751
MAX RADIUS	:	1.740	1.424	1.434
HORIZONTAL SPREAD	:	2.922	2.406	2.406
VERTICAL SPREAD	:	2.352	2.352	1.680
EXTREME SPREAD	:	2.957	2.487	2.110
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	