

C6649250

MODEL 700TM M24

Model **SWS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Remington®

MODEL 700™ H24

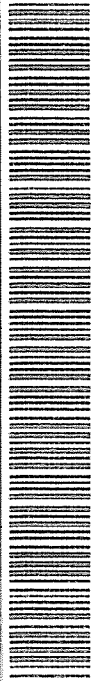
VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

REMINGTON-UMC

SERIAL NO.
C6649250

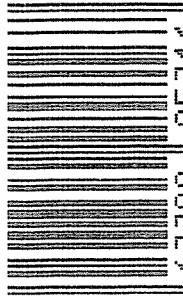
ORDER NO.
5716

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



5716 C6649250

LPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6649350

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	6 25	9 1	RW
612	Magnaflux Barrel Action	JUL	1 1991	KR
	Magnaflux Bolt	JUL	1 1991	KR
615	Rollmark Caliber	JUL	1 1991	JS
617	Drill and Tap Sight Holes	JUL	1 1991	FB
618	Polish Barrel	JUL	2 1991	WB
620	Apply Coatings (Barrel Action)		8/27/91	JS
	Apply Coating (Bolt)			JS
625	Final Assembly A) Clean inside of Bolt Assembly		8/27/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/27/91	RW
	C) Inspect Ejector Hole for Chamfer		8/27/91	RW
	D) Oil Firing Pin Ass'y		8/27/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		8/27/91	JS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			8/28/91	JH
	G) Safety Off Force	3	3	3			8/28/91	JH
	H) Trigger Pull Test & Retainability						8/27/91	JH
	I) Firing Pin Indent	.022	.021	.022			8/28/91	JH
	J) Assemble Stock						8/28/91	Rev
	K) Assemble Swivel Studs						8-28-91	D/H
	L) Attach Front and Rear Sight Assemblies						8/28/91	Rev
	M) Iron Sight Alignment						8/28/91	Rev
	N) Detach Front & Rear Sights & place in numbered container						8/28/91	Rev
	O) Attach Scope to Rifle						8/28/91	Rev
	P) Detach & Attach Scope 20 Times						8/28/91	Rev
640	Gallery Target & Test						8-28-91	AC
	A) Time						8-28-91	AC
	B) Malfunctions						8-28-91	AC
	C) Pierced Primers						8-28-91	AC
	D) Optical Clarity of Scope						8-28-91	AC
645	Inspect for Live Ammo						8-28-91	AC
655	Final Inspection							
	A) Headspace						8-28-91	D/H
	B) Trigger Pull	261	246	262	258	291	8-28-91	D/H
	C) Function						8-28-91	D/H
660	Pack						9-8-91	AF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. C-6649250

DATE 8/27/91

TESTER JR

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.37	2.49	2.40	2.61	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.41	2.40	2.44	2.46	
PULL #3	2.41	2.38	2.46	2.62	
PULL #4	2.46	2.40	2.50	2.58	
PULL #5	2.44	2.37	2.42	2.41	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.34	3.41		
PULL #2	3.32	3.40		
PULL #3	3.41	3.40		
PULL #4	3.32	3.41		
PULL #5	3.43	3.40		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.50	4.47		4.51
PULL #2	4.49	4.47		4.48
PULL #3	4.40	4.54		4.37
PULL #4	4.25	4.37		4.38
PULL #5	4.31	4.56		4.43
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06649250
28 Aug 1991

CENTROIDAL DISTANCES

0 TO	1	.131674
1 TO	2	.248163
1 TO	3	.298824
1 TO	4	.241597
1 TO	5	.394645

57 <----POA

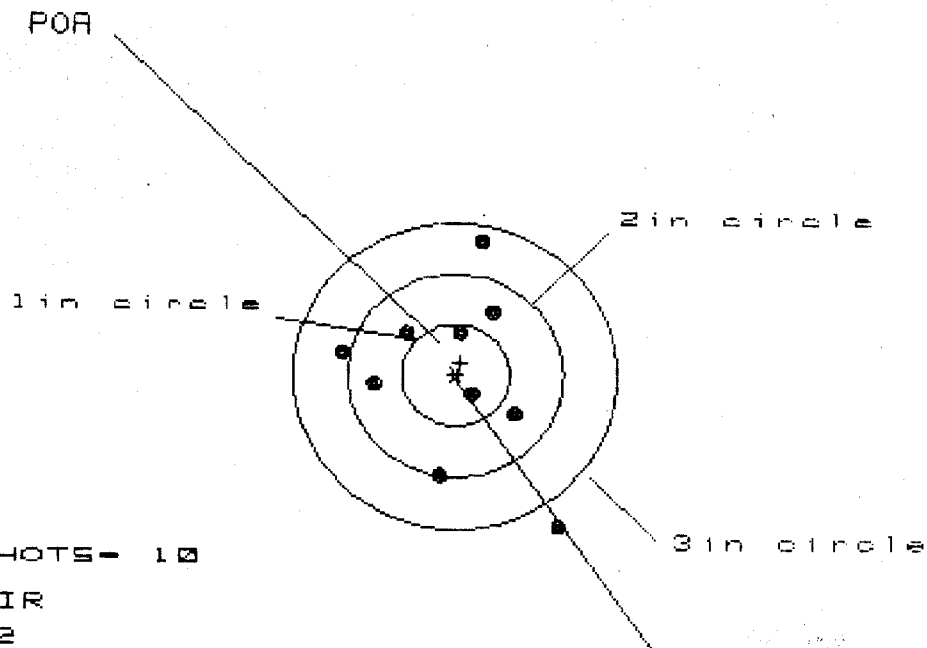
THE X-COORDINATE FOR THIS RIFLE IS: -.0704
THE Y-COORDINATE FOR THIS RIFLE IS: .0658
THE AVERAGE POI RADIUS FOR THIS RIFLE IS: .0963629

THE POI FOR THIS RIFLE IS: .8596

26 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6649250

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 7

3 in = 9

HS= 2.039

VS= 2.792

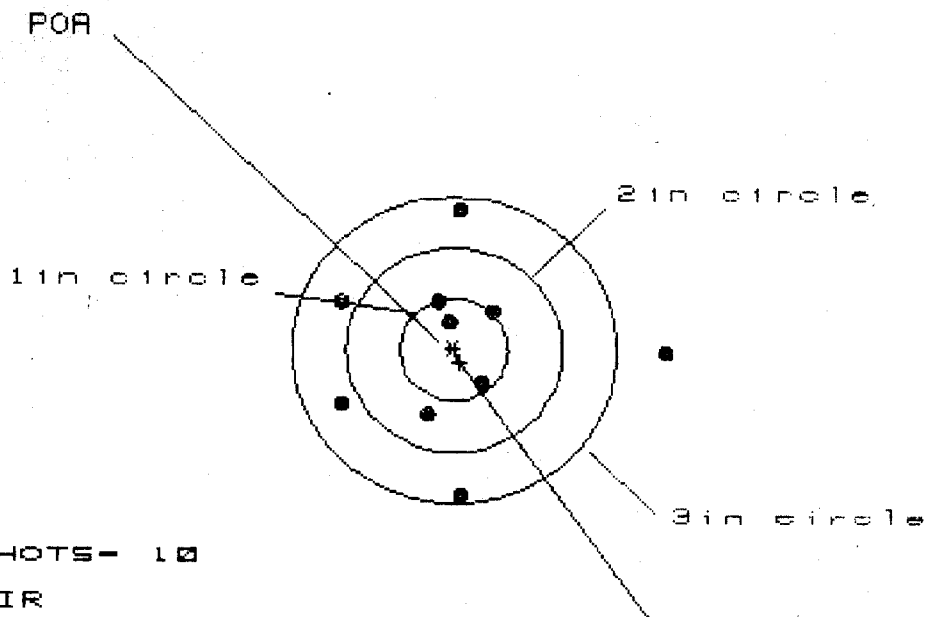
GS= 2.886

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.987	.617	.663
MINIMUM X	:	-1.052	-.942	-.896
MAXIMUM Y	:	1.304	1.139	.636
MINIMUM Y	:	-1.488	-1.140	-.998
CENTROID X	:	-.047	-.157	-.203
CENTROID Y	:	-.123	.042	-.100
POA TO CENTROID in.	:	.132	.163	.226
MIN RADIUS	:	.257	.300	.394
MEAN RADIUS	:	.858	.736	.680
MAX RADIUS	:	1.786	1.196	.999
HORIZONTAL SPREAD	:	2.039	1.559	1.559
VERTICAL SPREAD	:	2.792	2.279	1.634
EXTREME SPREAD	:	2.886	2.308	1.694
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

28 Aug 1931

FILE:/PATTERNING/CENTERFIRE_PATT/C6649250

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 9

HS= 2.991

VS= 2.707

GS= 3.035

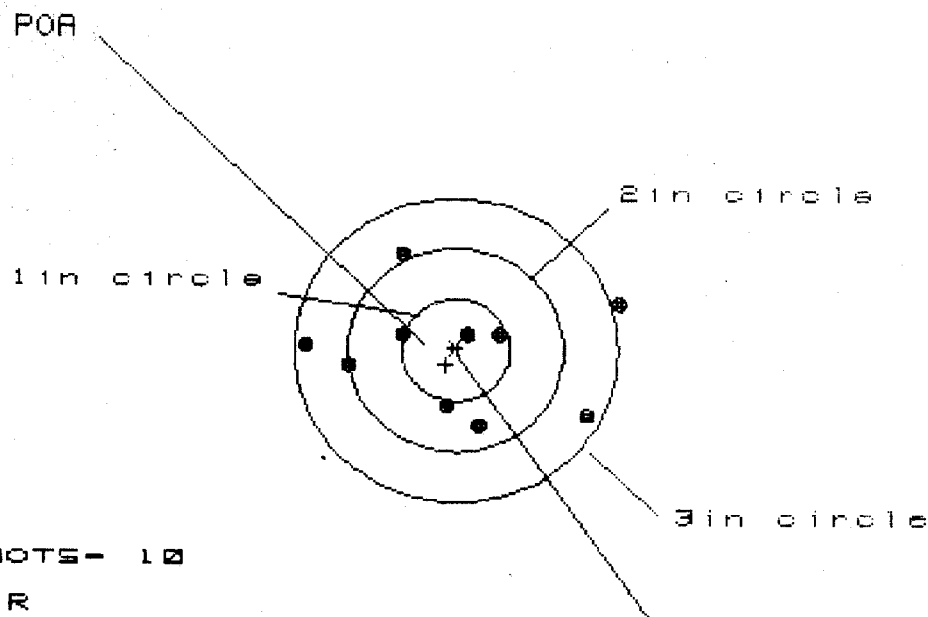
CENTROID *

PATTERN #	:			
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.917	.579	.610
MINIMUM X	:	-1.074	-.861	-.830
MAXIMUM Y	:	1.325	1.325	1.152
MINIMUM Y	:	-1.382	-1.382	-.794
CENTROID X	:	-.056	-.269	-.300
CENTROID Y	:	.125	.125	.298
POA TO CENTROID in.	:	.137	.296	.422
MIN RADIUS	:	.229	.303	.236
MEAN RADIUS	:	.933	.819	.726
MAX RADIUS	:	1.917	1.404	1.192
HORIZONTAL SPREAD	:	2.991	1.440	1.440
VERTICAL SPREAD	:	2.707	2.707	1.946
EXTREME SPREAD	:	3.035	2.707	2.160
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			5	
NUMBER IN THREE INCH CIRCLE =			9	

28 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6649250

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 9

HS= 2.820

VS= 1.771

GS= 2.846

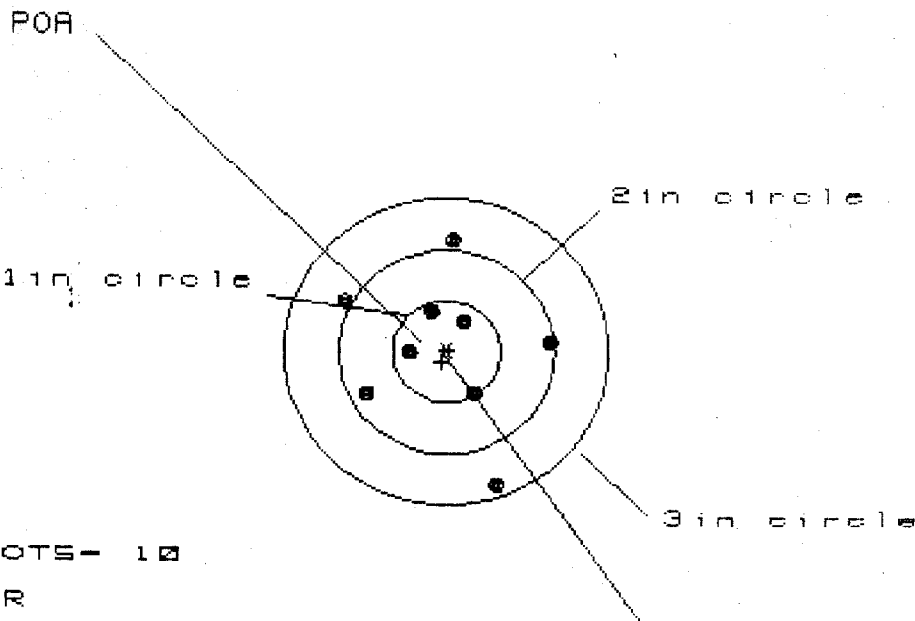
CENTROID *

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.474	1.351	1.204
MINIMUM X	:	-1.346	-1.183	-.993
MAXIMUM Y	:	.999	1.051	1.069
MINIMUM Y	:	-.772	-.720	-.702
CENTROID X	:	.093	-.070	.077
CENTROID Y	:	.141	.089	.071
POA TO CENTROID in.	:	.169	.114	.105
MIN RADIUS	:	.155	.307	.225
MEAN RADIUS	:	.884	.804	.744
MAX RADIUS	:	1.547	1.463	1.320
HORIZONTAL SPREAD	:	2.820	2.534	2.197
VERTICAL SPREAD	:	1.771	1.771	1.771
EXTREME SPREAD	:	2.846	2.630	2.346
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

28 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8649250

CENTERFIRE PATTERNS # 4



* OF SHOTS- 10

* IN CIR

1in = 5

2in = 7

3in = 10

HS= 1.895

VS= 2.367

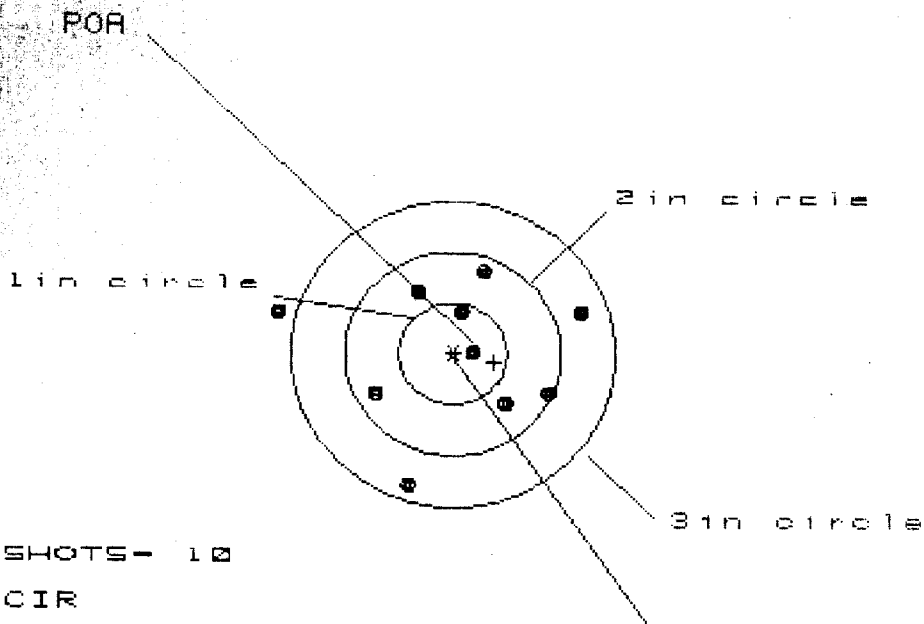
GS= 2.392

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.962	1.008	1.021
MINIMUM X	:	-.933	-.887	-.874
MAXIMUM Y	:	1.085	.942	.441
MINIMUM Y	:	-1.282	-.551	-.433
CENTROID X	:	.041	-.005	-.018
CENTROID Y	:	.102	.245	.127
POA TO CENTROID in.	:	.110	.245	.128
MIN RADIUS	:	.336	.302	.276
MEAN RADIUS	:	.738	.656	.615
MAX RADIUS	:	1.347	1.011	1.022
HORIZONTAL SPREAD	:	1.895	1.895	1.895
VERTICAL SPREAD	:	2.367	1.493	.874
EXTREME SPREAD	:	2.392	1.939	1.939
NUMBER IN ONE INCH CIRCLE	=	5		
NUMBER IN TWO INCH CIRCLE	=	7		
NUMBER IN THREE INCH CIRCLE	=	10		

20 Aug 1951

FILE:/PATTERNING/CENTERFIRE_PATT/C6649250

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 7

3 in = 9

HS= 2.845

VS= 2.168

GS= 2.845

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.182	.997	.928
MINIMUM X	:	-1.663	-.910	-.979
MAXIMUM Y	:	.858	.899	.740
MINIMUM Y	:	-1.310	-1.269	-.643
CENTROID X	:	-.383	-.198	-.129
CENTROID Y	:	.084	.043	.202
FOR TO CENTROID in.	:	.392	.203	.239
MIN RADIUS	:	.175	.074	.118
MEAN RADIUS	:	.885	.767	.670
MAX RADIUS	:	1.704	1.385	1.107
HORIZONTAL SPREAD	:	2.845	1.907	1.907
VERTICAL SPREAD	:	2.168	2.168	1.384
EXTREME SPREAD	:	2.845	2.301	2.063
NUMBER IN ONE INCH CIRCLE =	:	2		
NUMBER IN TWO INCH CIRCLE =	:	7		
NUMBER IN THREE INCH CIRCLE =	:	9		