

C6649125

MODEL 700TH M24

Model SMS TH

Action _____

Barrel Length _____

Capacity _____

Order No. 5715

*Includes 1 in chamber.



Remington
 MODEL 700™ H24

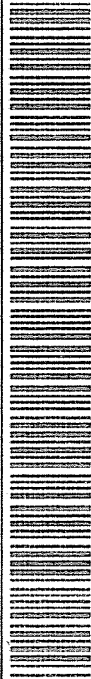
VERY IMPORTANT:
 Instruction Book
 enclosed to assure
 safe use of this
 firearm.

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

SERIAL NO.
 C6649125

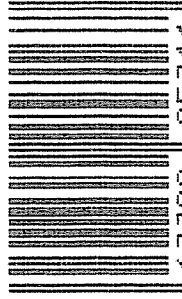
ORDER NO.
 5716

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



5716 C6649125

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6649125

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	7 2 9 1		RW
600	Proof	7 2 9 1		RW
607	Check Headspace	7 2 9 1		RW
610	Dis-assemble Gun	7 2 9 1		RW
612	Magnaflux Barrel Action		JUL 22 1991	JS
	Magnaflux Bolt		JUL 22 1991	JS
615	Rollmark Caliber		JUL 22 1991	JS
617	Drill and Tap Sight Holes		JUL 22 1991	FB
618	Polish Barrel		7/24/91	WB
620	Apply Coatings (Barrel Action)		7/29/91	JS
	Apply Coating (Bolt)			JS
625	Final Assembly A) Clean inside of Bolt Assembly		8/9/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/9/91	RW
	C) Inspect Ejector Hole for Chamfer		8/9/91	RW
	D) Oil Firing Pin Ass'y		8/9/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		8/21/91	JS

op. #	BARBER M24 0065099	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			8/21/91	SH
	G) Safety Off Force	3	3	3			8/21/91	SH
	H) Trigger Pull Test & Retainability						8/21/91	SH
	I) Firing Pin Indent	1023	1023	1022			8/21/91	SH
	J) Assemble Stock						8/26/91	RW
	K) Assemble Swivel Studs						8-26-91	D/H
	L) Attach Front and Rear Sight Assemblies						8/26/91	RW
	M) Iron Sight Alignment						8/26/91	RW
	N) Detach Front & Rear Sights & place in numbered container						8/26/91	RW
	O) Attach Scope to Rifle						8/26/91	RW
	P) Detach & Attach Scope 20 Times						8/26/91	RW
640	Gallery Target & Test						8-26-91	D/H
	A) Time						8-26-91	D/H
	B) Malfunctions						8-26-91	D/H
	C) Pierced Primers						8-26-91	D/H
	D) Optical Clarity of Scope						8-26-91	D/H
645	Inspect for Live Ammo						8-26-91	D/H
655	Final Inspection						8-26-91	D/H
	A) Headspace						8-26-91	D/H
	B) Trigger Pull	246	243	238	248	253	8-26-91	D/H
	C) Function						8-26-91	D/H
660	Pack						9-19-91	RF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. C-6649125

DATE 8/21/95

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS ()
PULL #1	2.37	2.37	2.38	2.46	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.26	2.37	2.40	2.43	
PULL #3	2.28	2.25	2.50	2.38	
PULL #4	2.28	2.35	2.43	2.48	
PULL #5	2.35	2.30	2.48	2.53	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.22	3.50		
PULL #2	3.16	3.48		
PULL #3	3.52	3.46		
PULL #4	3.52	3.34		
PULL #5	3.36	3.60		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.31	4.67		4.70
PULL #2	4.45	4.54		4.69
PULL #3	4.55	4.67		4.60
PULL #4	4.54	4.63		4.60
PULL #5	4.46	4.67		4.57
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06649125
26 Aug 1991

CENTROIDAL DISTANCES

0 TO 1	.0500899
1 TO 2	.296306
1 TO 3	.0299666
1 TO 4	.509086
1 TO 5	.27189

452 <----POA

POA COORDINATE FOR THIS RIFLE IS: -.1458

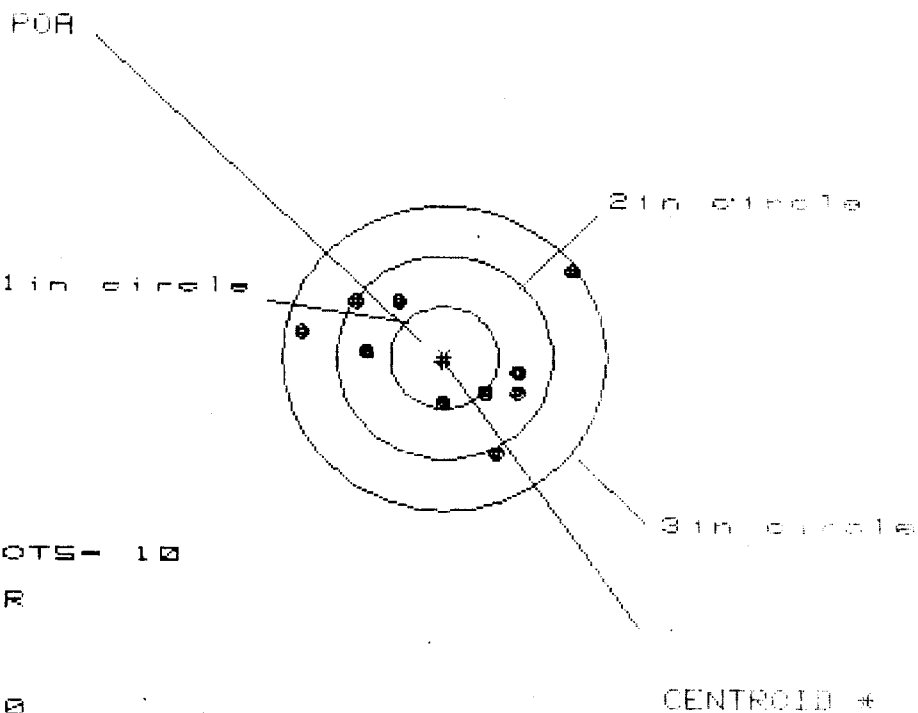
POA COORDINATE FOR THIS RIFLE IS: -.0092

AVERAGE POA RADIUS FOR THIS RIFLE IS: .150978

POA RADIUS FOR THIS RIFLE IS: .7472

FILE:/PATTERNING/CENTERFIRE_PATT/C6649125

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 1

2in = 7

3in = 10

HSI = 2.494

VS# = 1.794

ES# = 2.556

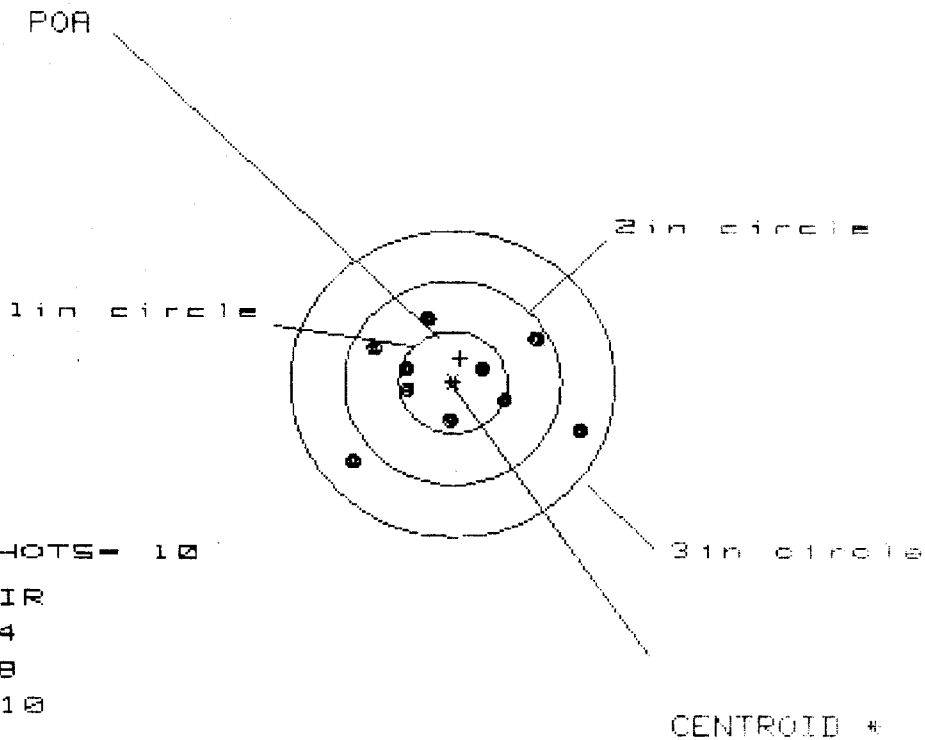
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.137	.817	.663
MINIMUM X	-1.357	-1.231	-.838
MAXIMUM Y	.816	.658	.702
MINIMUM Y	-.978	-.887	-.844
CENTROID X	.022	-.104	.050
CENTROID Y	.045	-.046	-.039
POA TO CENTROID in.	.050	.114	.102
MIN RADIUS	.408	.319	.284
MEAN RADIUS	.858	.788	.700
1in RADIUS	1.399	1.279	1.093
HORIZONTAL SPREAD	2.494	2.048	1.501
VERTICAL SPREAD	1.794	1.545	1.545
EXTREME SPREAD	2.556	2.206	2.007
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

20 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6649125

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 4

2in = 8

3in = 10

HS= 2.077

VS= 1.430

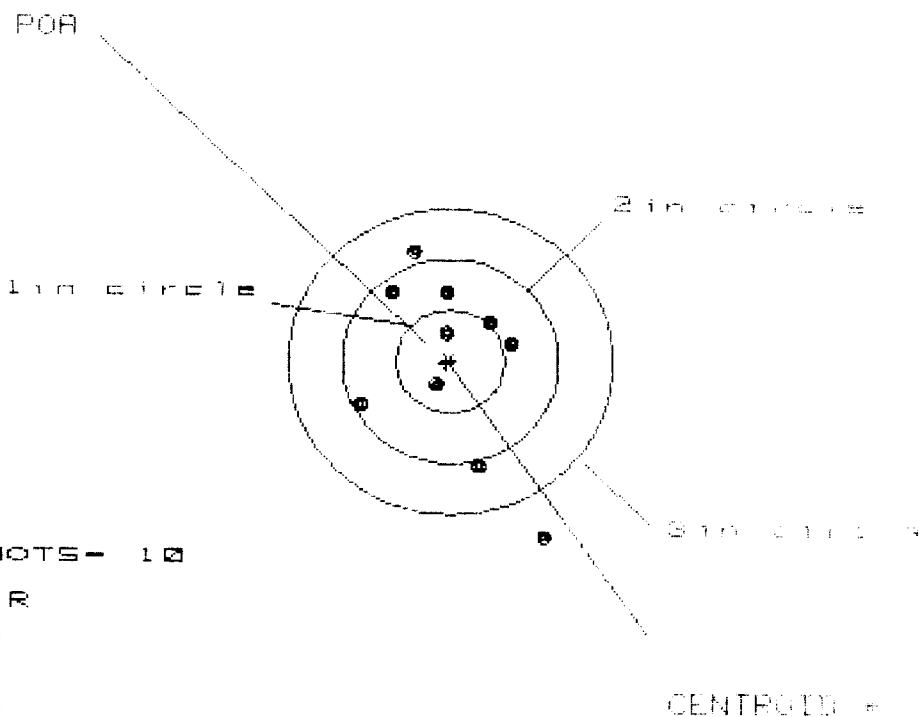
GS= 2.096

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.164	.912	.814
MINIMUM X	-.913	-.784	-.698
MAXIMUM Y	.681	.629	.528
MINIMUM Y	-.749	-.801	-.484
CENTROID X	-.072	-.201	-.103
CENTROID Y	-.236	-.184	-.083
POA TO CENTROID in.	.246	.272	.132
MIN RADIUS	.277	.313	.293
MEAN RADIUS	.693	.617	.553
MAX RADIUS	1.254	1.121	.877
HORIZONTAL SPREAD	2.077	1.696	1.512
VERTICAL SPREAD	1.430	1.430	1.012
EXTREME SPREAD	2.096	2.093	1.516
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	10		

100-100

FILE: PATTERNING/CENTERFIRE_PATT/06649125

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1 in = 3

2 in = 7

3 in = 9

MS = 1.749

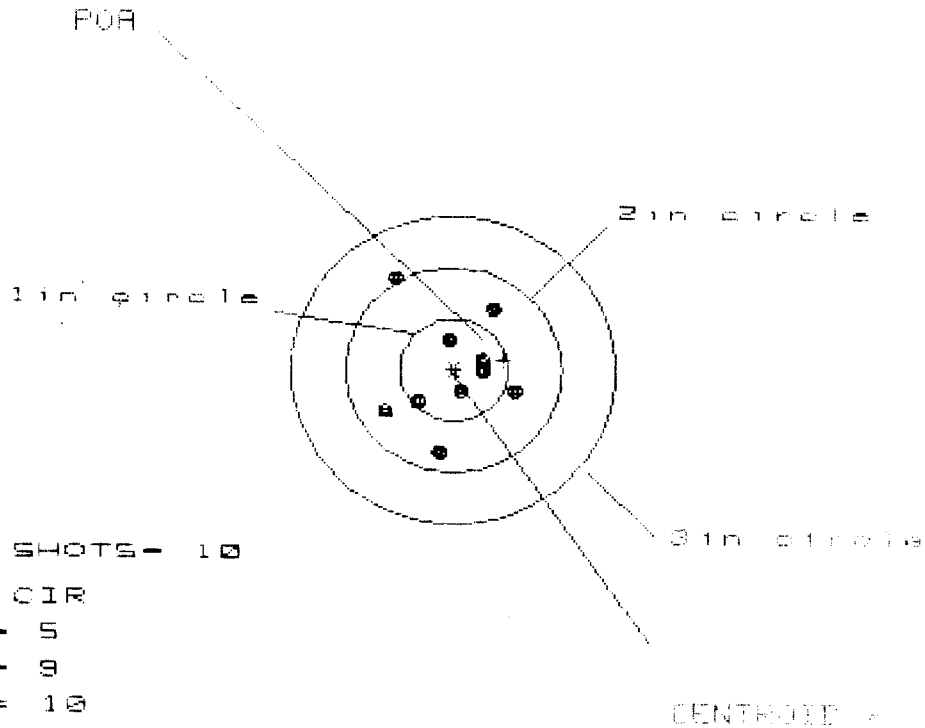
GS = 2.782

SS = 3.054

PATTERN #	3	3	3
AVG (BEST OF)	10	9	8
MINIMUM X	.890	.697	.663
MINIMUM X	-.859	-.760	-.793
MINIMUM Y	1.114	.929	.643
MINIMUM Y	-1.668	-1.217	-1.101
CENTROID X	.005	-.064	-.030
CENTROID Y	.018	.203	.097
POB TO CENTROID in.	.039	.213	.092
MIN RADIUS	.264	.133	.238
MEAN RADIUS	.829	.669	.640
MAX RADIUS	1.891	1.261	1.140
HORIZONTAL SPREAD	1.749	1.457	1.457
VERTICAL SPREAD	2.782	2.146	1.741
EXTREME SPREAD	3.054	2.228	1.902
SHOTS IN ONE INCH CIRCLE =		3	
SHOTS IN TWO INCH CIRCLE =		7	
SHOTS IN THREE INCH CIRCLE =		9	

FILE: PATTERNING/CENTERFIRE_PATT/C6649125

CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1in - 5

2in - 9

3in - 10

MS - 1.165

SE - 1.744

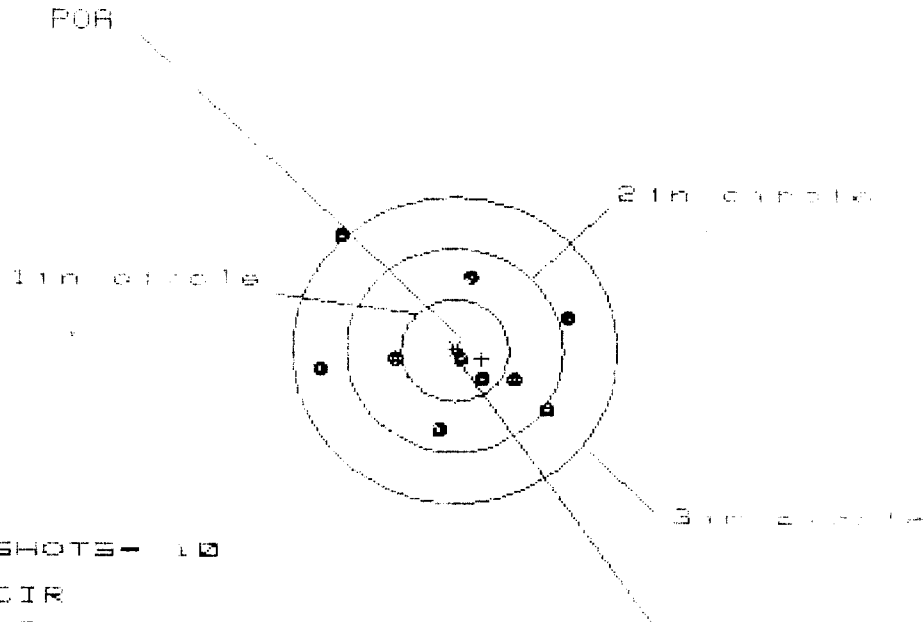
SE - 1.787

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	9
MINIMUM X	.538	.481	.459
MINIMUM Y	-.627	-.684	-.706
MINIMUM X	.920	.657	.567
MINIMUM Y	-.824	-.732	-.871
CENTROID X	-.466	-.409	-.387
CENTROID Y	-.100	-.202	-.112
POA TO CENTROID in.	.477	.457	.403
1IN RADIUS	.225	.116	.196
2IN RADIUS	.539	.464	.421
3IN RADIUS	1.053	.743	.797
HORIZONTAL SPREAD	1.165	1.165	1.165
VERTICAL SPREAD	1.744	1.379	.938
EXTREME SPREAD	1.787	1.472	1.386
NUMBER IN ONE INCH CIRCLE =		5	
NUMBER IN TWO INCH CIRCLE =		9	
NUMBER IN THREE INCH CIRCLE =		10	

26 Aug 1951

FILE: /PATTERNING/CENTERFIRE_PATT/06649125

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in - 2

2in - 6

3in - 9

ME = 2.253

SE = 1.881

OE = 2.027

CENTERFIRE

PATTERN #	5		
1st (BEST OF)	10	9	2
1st shot	1.034	1.921	1.154
2nd shot	-1.219	-1.332	-1.564
3rd shot	1.139	1.379	1.663
4th shot	-1.742	-1.618	-1.618
5th shot	-1.248	-1.135	-1.042
6th shot	1.077	-1.049	-1.039
7th shot	1.060	1.143	1.050
8th shot	1.126	1.102	1.200
9th shot	1.817	1.702	1.612
10th shot	1.551	1.335	1.185
11th shot	2.253	2.253	1.110
12th shot	1.881	1.435	1.450
13th shot	2.527	2.121	1.160
VALUES IN ONE INCH CIRCLE	=	2	
VALUES IN TWO INCH CIRCLE	=	6	
VALUES IN THREE INCH CIRCLE	=	9	