

CE523454

MODEL 700™ M24

Model SWS™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington

Remington®
REG. U.S. PAT. & TM. OFF.

MODEL 700™ M24

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

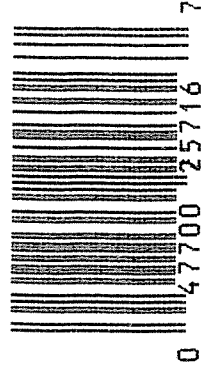
SERIAL NO.
C6523454

ORDER NO.
5716

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



UPC



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6523454

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 25	90	RW
600	Proof	9 25	90	RW
607	Check Headspace	9 25	90	RW
610	Dis-assemble Gun	9 25	90	RW
612	Magnaflux Barrel Action		9/26/90	KR
	Magnaflux Bolt		9/26/90	KR
615	Rollmark Caliber		9/26/90	JS
617	Drill and Tap Sight Holes		9/28/90	WB
618	Polish Barrel RB		10/1/90	WB
620	Apply Coatings (Barrel Action)		10-5-90	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/9/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/9/90	RW
	C) Inspect Ejector Hole for Chamfer		10/9/90	RW
	D) Oil Firing Pin Ass'y		10/9/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		10/19/90	JH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			10/24/90	WB
	G) Safety Off Force	2	2	2			10/24/90	WB
	H) Trigger Pull Test & Retainability						10/19/90	RM
	I) Firing Pin Indent	1021	10205	10205			10/24/90	WB
	J) Assemble Stock						10/26/90	RW
	K) Assemble Swivel Studs						3/18/90	JS
	L) Attach Front and Rear Sight Assemblies						10/26/90	RW
	M) Iron Sight Alignment						10/26/90	RW
	N) Detach Front & Rear Sights & place in numbered container						10/26/90	RW
	O) Attach Scope to Rifle						10/26/90	RW
	P) Detach & Attach Scope 20 Times						10/26/90	RW
640	Gallery Target & Test						10-29-90	DH
	A) Time						10-29-90	DH
	B) Malfunctions						10-29-90	DH
	C) Pierced Primers						10-29-90	DH
	D) Optical Clarity of Scope						10-29-90	DH
645	Inspect for Live Ammo						10-29-90	DH
655	Final Inspection							
	A) Headspace						3/18/90	JS
	B) Trigger Pull	213	232	210	212	213	3/18/90	JS
	C) Function						3/18/90	JS
660	Pack						12/14/90	

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6523454DATE 10/19/90TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.30	2.47	2.37	2.13	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.32	2.44	2.33	2.32	
PULL #3	2.32	2.29	2.44	2.10	
PULL #4	2.18	2.49	2.35	2.12	
PULL #5	2.20	2.36	2.45	2.13	
TOTAL	11.32	12.05	11.94		
AVG.	2.264	2.41	2.388		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.16	3.29		
PULL #2	3.26	3.29		
PULL #3	3.18	3.26		
PULL #4	3.34	3.22		
PULL #5	3.21	3.29		
TOTAL	16.15	16.35		
AVG.	3.23	3.27		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.28	4.34		4.29
PULL #2	4.25	4.28		4.25
PULL #3	4.30	4.33		4.26
PULL #4	4.25	4.34		4.32
PULL #5	4.22	4.34		4.28
TOTAL	21.30	21.63		21.40
AVG.	4.26	4.326		4.28

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523454
29 Oct 1990

CENTROIDAL DISTANCES

0 TO	1	.187515
1 TO	2	.333757
1 TO	3	.338421
1 TO	4	.276371
1 TO	5	.55509

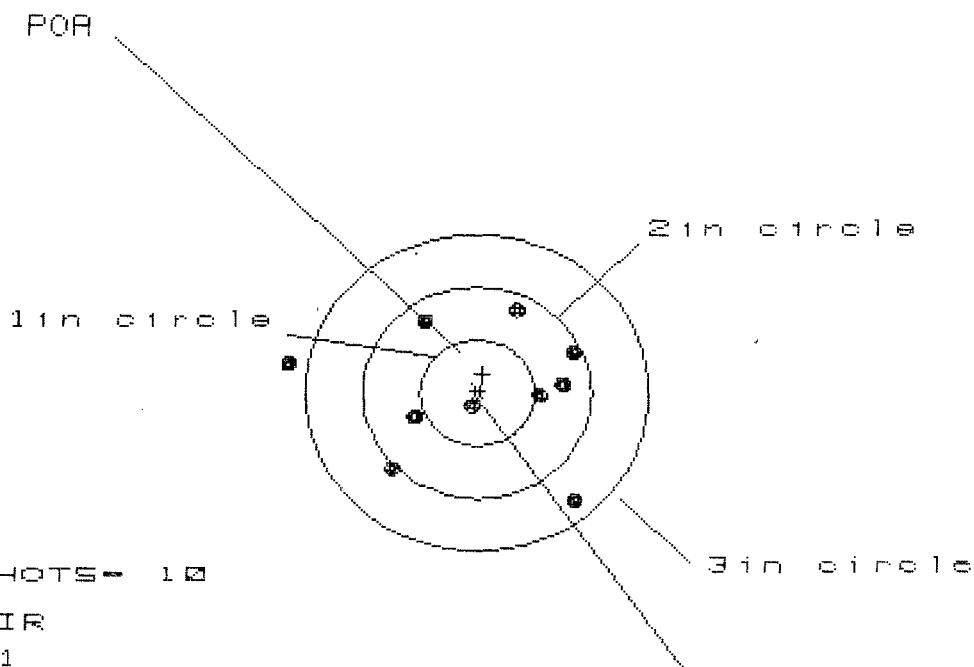
⁵
473 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0212
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.003
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0214112
THE AMR FOR THIS RIFLE IS: .761

29 Oct 1998

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CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1in = 1

2in = 7

3in = 9

HS = 2.492

VS = 1.766

GS = 2.816

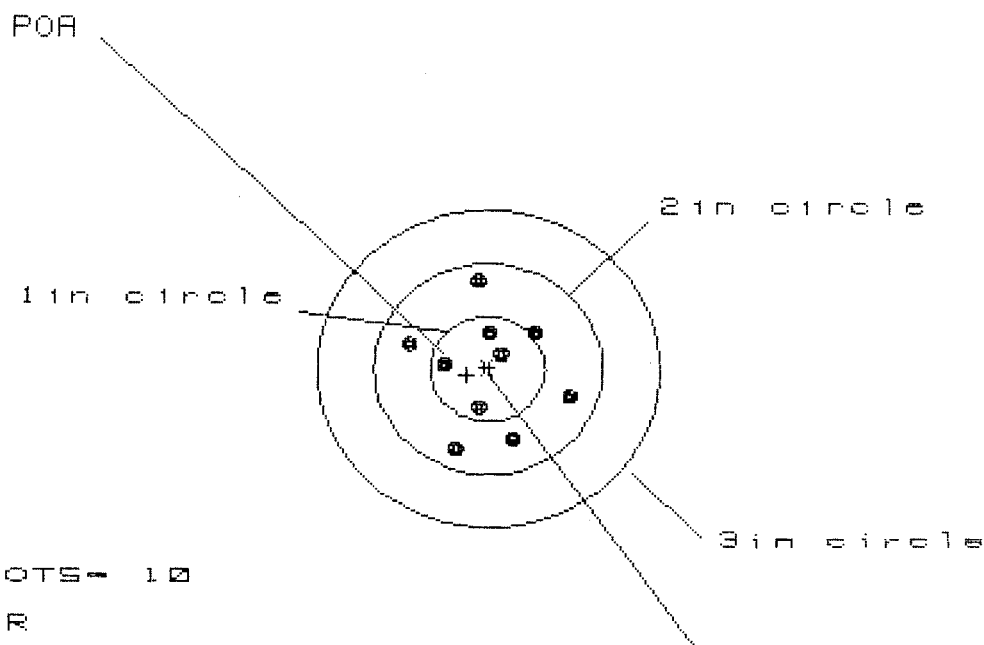
CENTROID #

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.889	.711	.746
MINIMUM X	:	-1.603	-.920	-.831
MAXIMUM Y	:	.760	.794	.673
MINIMUM Y	:	-1.006	-.972	-.790
CENTROID X	:	-.049	.129	.040
CENTROID Y	:	-.181	-.215	-.094
POA TO CENTROID in.	:	.188	.251	.102
MIN RADIUS	:	.158	.244	.271
MEAN RADIUS	:	.855	.749	.691
MAX RADIUS	:	1.632	1.204	1.147
HORIZONTAL SPREAD	:	2.492	1.631	1.577
VERTICAL SPREAD	:	1.766	1.766	1.463
EXTREME SPREAD	:	2.816	2.160	1.898
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

29 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06523454

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 4

2in = 10

3in = 10

HS= 1.439

VS= 1.633

GS= 1.643

CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.761	.755	.489
MINIMUM X	:	-.678	-.684	-.590
MAXIMUM Y	:	.893	.469	.452
MINIMUM Y	:	-.740	-.641	-.658
CENTROID X	:	.186	.192	.098
CENTROID Y	:	.056	-.043	-.026
POA TO CENTROID in.	:	.194	.197	.101
MIN RADIUS	:	.149	.240	.266
MEAN RADIUS	:	.573	.539	.502
MAX RADIUS	:	.895	.783	.693
HORIZONTAL SPREAD	:	1.439	1.439	1.079
VERTICAL SPREAD	:	1.633	1.110	1.110
EXTREME SPREAD	:	1.643	1.528	1.326
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		10	
NUMBER IN THREE INCH CIRCLE	=		10	

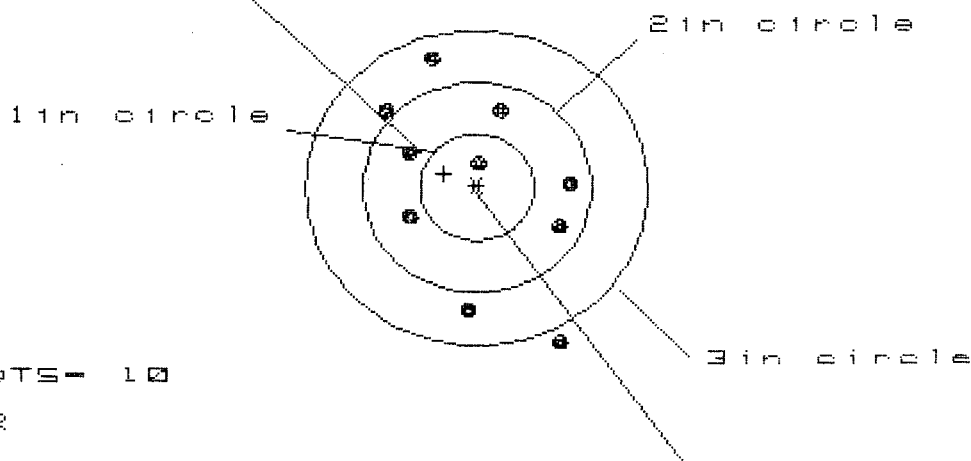
29 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06523454

CENTERFIRE PATTERNS

3

POA



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 6

3 in = 9

HS= 1.552

VS= 2.753

GS= 2.935

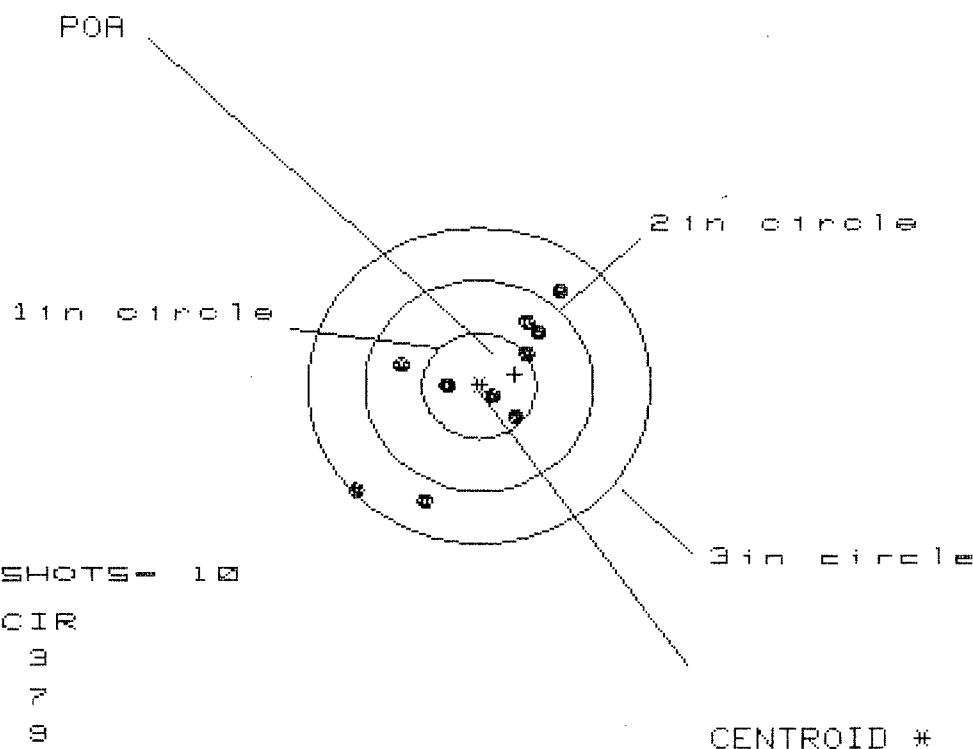
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.764	.839	.805
MINIMUM X	:	-.788	-.713	-.747
MAXIMUM Y	:	1.262	1.097	.695
MINIMUM Y	:	-1.491	-1.322	-1.185
CENTROID X	:	.286	.211	.245
CENTROID Y	:	-.133	.032	-.105
POA TO CENTROID in.	:	.315	.214	.267
MIN RADIUS	:	.261	.149	.244
MEAN RADIUS	:	.911	.798	.766
MAX RADIUS	:	1.635	1.322	1.186
HORIZONTAL SPREAD	:	1.552	1.552	1.552
VERTICAL SPREAD	:	2.753	2.419	1.880
EXTREME SPREAD	:	2.935	2.435	2.013
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

29 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6523454

CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1in = 3

2in = 7

3in = 9

HS = 1.848

VS = 2.022

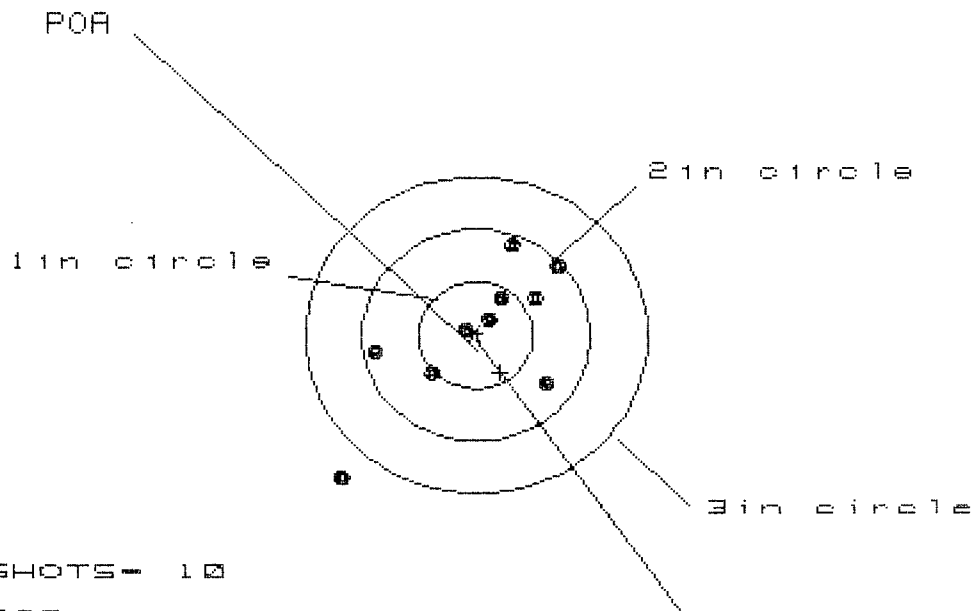
GS = 2.650

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.737	.614	.539
MINIMUM X	:	-1.111	-.836	-.911
MAXIMUM Y	:	.883	.769	.613
MINIMUM Y	:	-1.139	-1.253	-.587
CENTROID X	:	-.315	-.192	-.117
CENTROID Y	:	-.106	.007	.163
POA TO CENTROID in.	:	.333	.192	.201
MIN RADIUS	:	.149	.185	.244
MEAN RADIUS	:	.747	.641	.532
MAX RADIUS	:	1.507	1.388	.917
HORIZONTAL SPREAD	:	1.848	1.450	1.450
VERTICAL SPREAD	:	2.022	2.022	1.200
EXTREME SPREAD	:	2.650	2.357	1.615
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

29 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6523454

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 4

2 in = 9

3 in = 9

HS= 1.8999

VS= 2.215

GS= 2.742

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.733	.603	.526
MINIMUM X	:	-1.166	-1.015	-.939
MAXIMUM Y	:	.865	.716	.775
MINIMUM Y	:	-1.349	-.624	-.565
CENTROID X	:	-.214	-.084	-.160
CENTROID Y	:	.349	.498	.439
POA TO CENTROID in.	:	.409	.506	.467
MIN RADIUS	:	.157	.058	.107
MEAN RADIUS	:	.719	.556	.535
MAX RADIUS	:	1.784	1.068	.978
HORIZONTAL SPREAD	:	1.899	1.618	1.465
VERTICAL SPREAD	:	2.215	1.340	1.340
EXTREME SPREAD	:	2.742	1.809	1.618
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		9	