

06498790

MODEL 700™ M24

Model SWS™

Action

Barrel Length

Capacity

Order No. 5715

*Includes 1 in chamber.

Remington.

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6498790

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	6 29 90		RW
600	Proof	6 29 90		RW
607	Check Headspace	6 29 90		RW
610	Dis-assemble Gun	6 29 90		RW
612	Magnaflux Barrel Action		7-12-90	BR
	Magnaflux Bolt		7-12-90	BR
615	Rollmark Caliber		7-12-90	RB
617	Drill and Tap Sight Holes		7/13/90	RB
618	Polish Barrel RB		7/16/90	WB
620	Apply Coatings (Barrel Action)		7-23-90	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		7/25/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		7/25/90	RW
	C) Inspect Ejector Hole for Chamfer		7/25/90	RW
	D) Oil Firing Pin Ass'y		7/25/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		8-11-90	TH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			8/2/90	JK
	G) Safety Off Force	3	3	3			8/2/90	JK
	H) Trigger Pull Test & Retainability						9-11-90	JK
	I) Firing Pin Indent	.0225	.0225	.0225			8/2/90	JK
	J) Assemble Stock						8/9/90	RW
	K) Assemble Swivel Studs						9/12/90	JK
	L) Attach Front and Rear Sight Assemblies						8/9/90	RW
	M) Iron Sight Alignment						8/9/90	RW
	N) Detach Front & Rear Sights & place in numbered container						8/9/90	RW
	O) Attach Scope to Rifle						8/9/90	RW
	P) Detach & Attach Scope 20 Times						8/9/90	RW
640	Gallery Target & Test						8-13-90	KJ
	A) Time						8-13-90	KJ
	B) Malfunctions						8-13-90	KJ
	C) Pierced Primers						8-13-90	KJ
	D) Optical Clarity of Scope						8-13-90	KJ
645	Inspect for Live Ammo						8-13-90	KJ
655	Final Inspection							
	A) Headspace						9/12/90	JK
	B) Trigger Pull	2.14	2.04	2.12	2.10	2.30	9-11-90	JK
	C) Function						9/12/90	JK
660	Pack						9/19/90	AF

SWS TRIGGER PULL TEST

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

SERIAL NO. C6498790

DATE 9-11-90

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.28	2.26	2.28	2.14	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.35	2.16	2.06	2.04	
PULL #3	2.30	2.21	2.18	2.12	
PULL #4	2.39	2.11	2.17	2.10	
PULL #5	2.39	2.28	2.23	2.30	
TOTAL	11.71	11.02	10.92	10.70	
AVG.	2.342	2.204	2.184	2.140	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.19	3.26		
PULL #2	3.38	3.28		
PULL #3	3.25	3.17		
PULL #4	3.30	3.26		
PULL #5	3.16	3.26		
TOTAL	16.28	16.23		
AVG.	3.256	3.246		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.36	4.16		4.13
PULL #2	4.20	4.20		4.15
PULL #3	4.20	4.22		4.08
PULL #4	4.19	4.21		4.10
PULL #5	4.23	4.15		4.15
TOTAL	21.18	20.94		20.63
AVG.	4.236	4.188		4.106

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6498790
13 Aug 1990

CENTROIDAL DISTANCES

0 TO	1	.931223
1 TO	2	1.85216
1 TO	3	1.53362
1 TO	4	1.41993
1 TO	5	1.26688

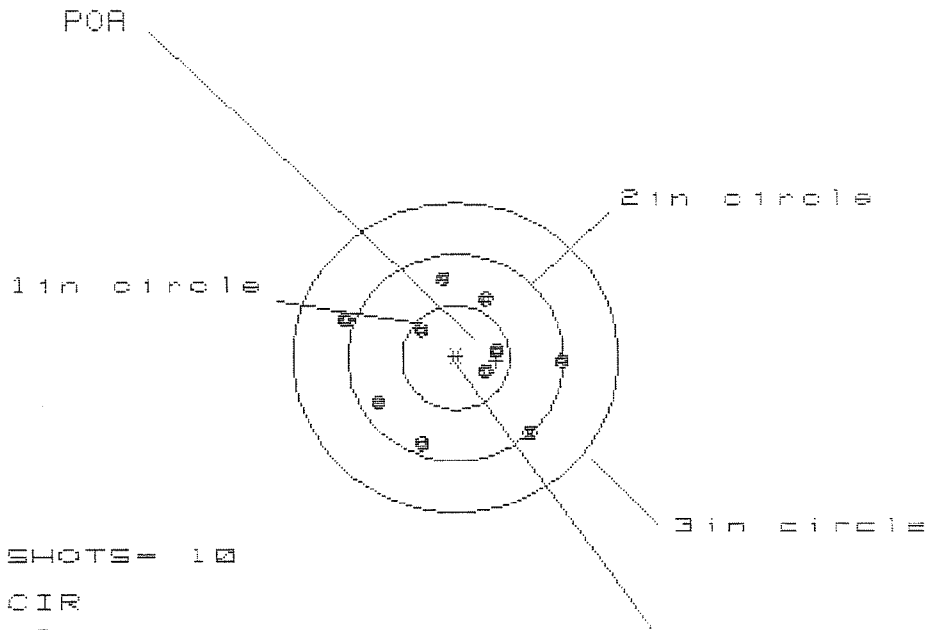
4
5+ <----POA
2 3 1

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.3504
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1494
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .380921
THE AMR FOR THIS RIFLE IS: .8262

13 Aug 1998

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CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 3

2in = 8

3in = 10

HS= 1.998

VS= 1.532

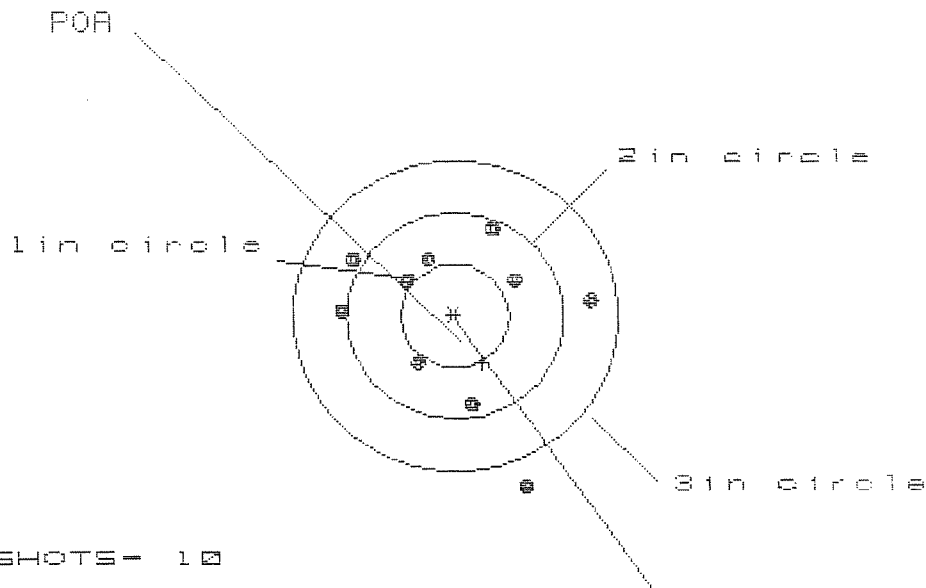
GS= 2.091

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.955	.840	.914
MINIMUM X	:	-1.042	-.789	-.715
MAXIMUM Y	:	.751	.797	.712
MINIMUM Y	:	-.781	-.735	-.820
CENTROID X	:	-.378	-.263	-.337
CENTROID Y	:	.030	-.016	.069
POA TO CENTROID in.	:	.380	.263	.344
MIN RADIUS	:	.276	.152	.259
MEAN RADIUS	:	.721	.658	.626
MAX RADIUS	:	1.120	.905	.915
HORIZONTAL SPREAD	:	1.998	1.629	1.629
VERTICAL SPREAD	:	1.532	1.532	1.532
EXTREME SPREAD	:	2.091	1.717	1.698
NUMBER IN ONE INCH CIRCLE =	:	3		
NUMBER IN TWO INCH CIRCLE =	:	8		
NUMBER IN THREE INCH CIRCLE =	:	10		

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 6

3 in = 9

HS= 2.254

VS= 2.482

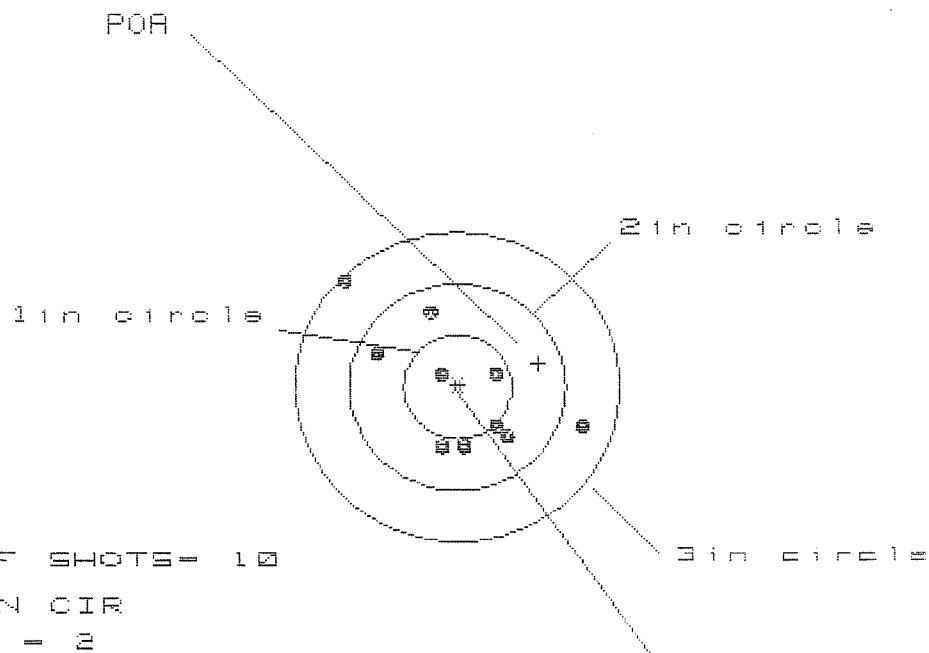
GS= 2.619

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.246	1.314	.793
MINIMUM X	:	-1.008	-.940	-.776
MAXIMUM Y	:	.859	.679	.679
MINIMUM Y	:	-1.623	-.990	-.990
CENTROID X	:	-.254	-.322	-.486
CENTROID Y	:	.449	.629	.629
POA TO CENTROID in.	:	.516	.707	.795
MIN RADIUS	:	.530	.391	.281
MEAN RADIUS	:	.911	.784	.690
MAX RADIUS	:	1.737	1.314	1.047
HORIZONTAL SPREAD	:	2.254	2.254	1.569
VERTICAL SPREAD	:	2.482	1.669	1.669
EXTREME SPREAD	:	2.619	2.258	1.686
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

13 Aug 1988

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CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 2

2in = 8

3in = 10

HS= 2.133

VS= 1.628

GS= 2.582

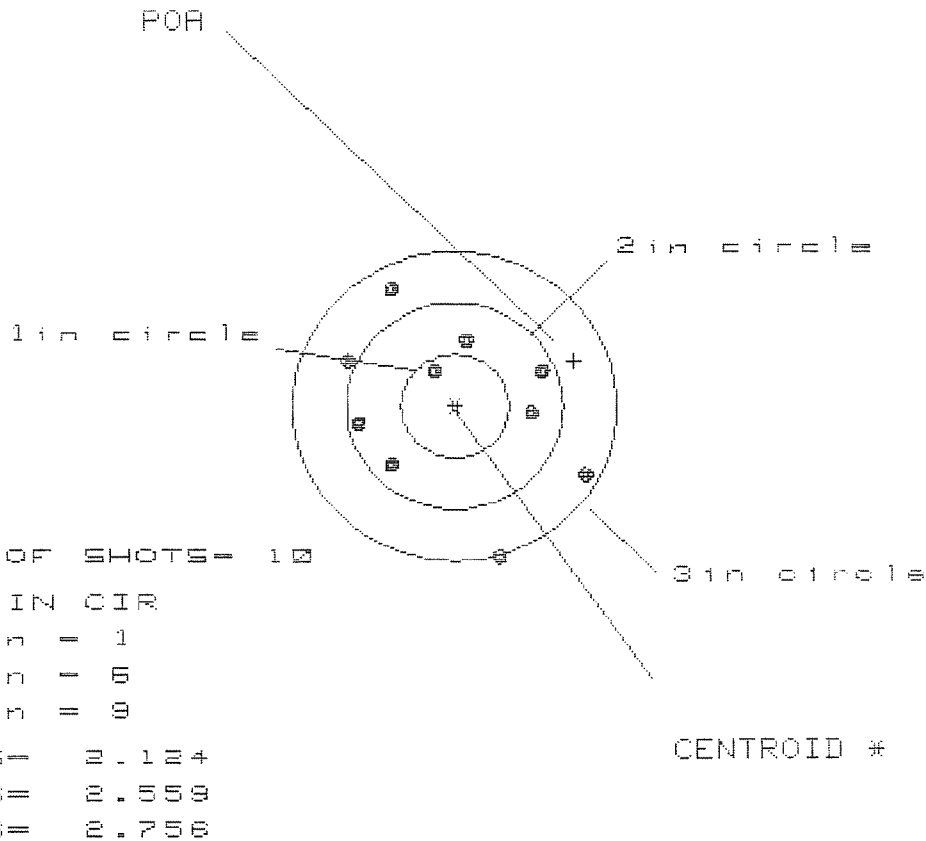
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.108	.994	.437
MINIMUM X	:	-1.025	-.875	-.750
MAXIMUM Y	:	1.062	.838	.804
MINIMUM Y	:	-.566	-.448	-.482
CENTROID X	:	-.754	-.640	-.764
CENTROID Y	:	-.222	-.340	-.306
POA TO CENTROID in.	:	.786	.725	.823
MIN RADIUS	:	.230	.382	.284
MEAN RADIUS	:	.719	.611	.560
MAX RADIUS	:	1.476	1.031	.837
HORIZONTAL SPREAD	:	2.133	1.869	1.188
VERTICAL SPREAD	:	1.628	1.286	1.286
EXTREME SPREAD	:	2.582	1.989	1.401
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS

4

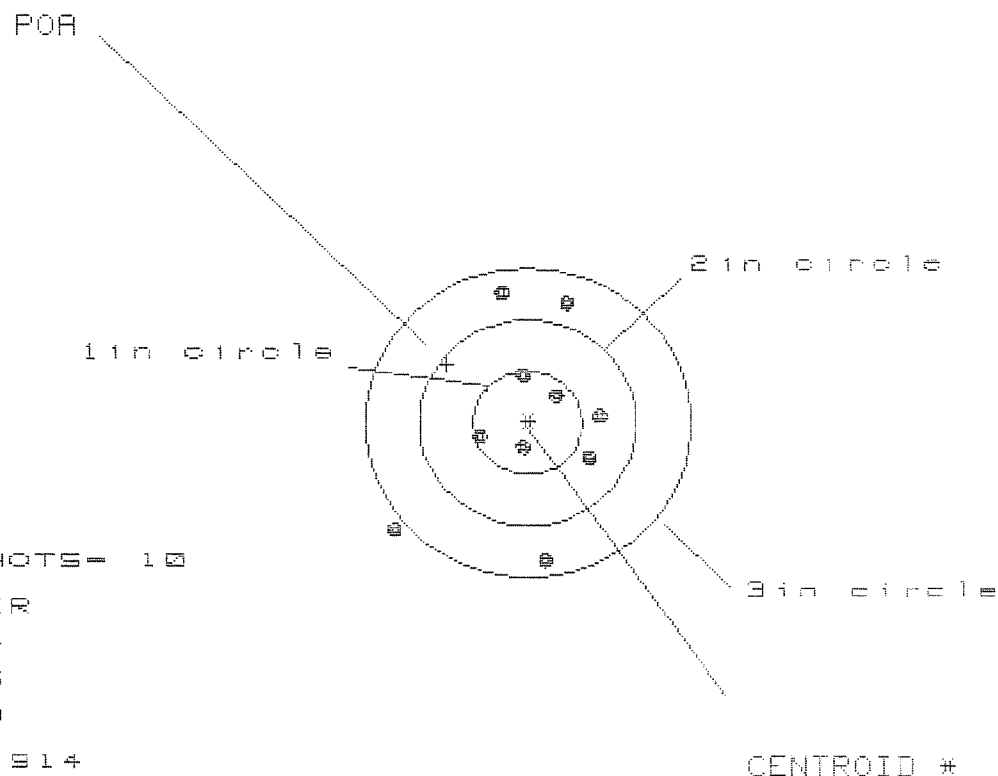


PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.158	1.202	1.031
MINIMUM X	:	-.966	-.922	-.771
MAXIMUM Y	:	1.104	.942	.844
MINIMUM Y	:	-1.455	-.781	-.803
CENTROID X	:	-1.107	-1.151	-1.302
CENTROID Y	:	-.440	-.278	-.180
POA TO CENTROID in.	:	1.191	1.185	1.314
MIN RADIUS	:	.378	.236	.056
MEAN RADIUS	:	.944	.851	.742
MAX RADIUS	:	1.508	1.434	1.035
HORIZONTAL SPREAD	:	2.124	2.124	1.802
VERTICAL SPREAD	:	2.559	1.723	1.647
EXTREME SPREAD	:	2.756	2.481	1.806
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 4

2in = 6

3in = 9

HS= 1.914

VS= 2.633

GS= 2.746

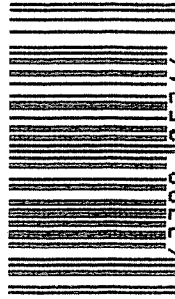
PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.700	.565	.572
MINIMUM X	:	-1.214	-.582	-.575
MAXIMUM Y	:	1.277	1.158	.973
MINIMUM Y	:	-1.356	-1.475	-.605
CENTROID X	:	.741	.876	.869
CENTROID Y	:	-.564	-.445	-.260
POR TO CENTROID in.	:	.932	.983	.908
MIN RADIUS	:	.291	.141	.109
MEAN RADIUS	:	.836	.725	.623
MAX RADIUS	:	1.621	1.476	1.055
HORIZONTAL SPREAD	:	1.914	1.147	1.147
VERTICAL SPREAD	:	2.633	2.633	1.578
EXTREME SPREAD	:	2.746	2.674	1.789
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

Remington MODEL 700™ H24		VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MADE IN LION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.		SERIAL NO. C6498790
01		ORDER NO. 5716



5716 C6498790

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