

C6611696

MODEL 700™ M24

Model SWS™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington

Remington®



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

MODEL 700™ H24

46

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



5716 C6611696

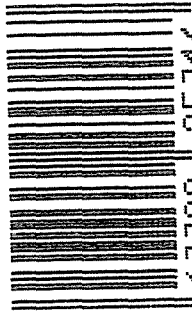
SERIAL NO.

C6611696

ORDER NO.

5716

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611696

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	3 28	91	RW
600	Proof	3 28	91	RW
607	Check Headspace	3 28	91	RW
610	Dis-assemble Gun	3 28	91	RW
612	Magnaflux Barrel Action	APR	2 1991	KR
	Magnaflux Bolt	APR	2 1991	U
615	Rollmark Caliber	APR	2 1991	LL
617	Drill and Tap Sight Holes	APR	5 1991	LB
618	Polish Barrel	APR APR	5 1991	WB
620	Apply Coatings (Barrel Action)			HA
	Apply Coating (Bolt)			HA
625	Final Assembly			
	A) Clean inside of Bolt Assembly		4/10/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/10/91	RW
	C) Inspect Ejector Hole for Chamfer		4/10/91	RW
	D) Oil Firing Pin Ass'y		4/10/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		4/22/91	JK

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			4-22-91	DH
	G) Safety Off Force	3	3	3			4-22-91	DH
	H) Trigger Pull Test & Retainability						4/22/91	SL
	I) Firing Pin Indent	.021	.022	.023			4-22-91	DH
	J) Assemble Stock						4/25/91	RW
	K) Assemble Swivel Studs						4-30-91	D/H
	L) Attach Front and Rear Sight Assemblies						4/25/91	RW
	M) Iron Sight Alignment						4/25/91	RW
	N) Detach Front & Rear Sights & place in numbered container						4/25/91	RW
	O) Attach Scope to Rifle						4/25/91	RW
	P) Detach & Attach Scope 20 Times						4/25/91	RW
640	Gallery Target & Test						4-25-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						4-25-91	NF
655	Final Inspection							
	A) Headspace						4-30-91	D/H
	B) Trigger Pull	2.37	2.40	2.38	2.38	2.39	4/26/91	SL
	C) Function						4-30-91	D/H
660	Pack						6-18-91	NF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. C-6611896

DATE 4/22/91

TESTER JLH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.41	2.45	2.40	2.37	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.38	2.43	2.46	2.40	
PULL #3	2.38	2.40	2.40	2.38	
PULL #4	2.39	2.41	2.43	2.38	
PULL #5	2.41	2.41	2.44	2.39	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.47	3.46		
PULL #2	3.19	3.42		
PULL #3	3.39	3.43		
PULL #4	3.44	3.42		
PULL #5	3.37	3.38		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.42	4.40		4.18
PULL #2	4.54	4.46		4.50
PULL #3	4.48	4.58		4.50
PULL #4	4.49	4.59		4.58
PULL #5	4.51	4.37		4.55
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611696
25 Apr 1991

CENTROIDAL DISTANCES

0 TO	1	.166331
1 TO	2	.314057
1 TO	3	.0734983
1 TO	4	.346446
1 TO	5	.11609

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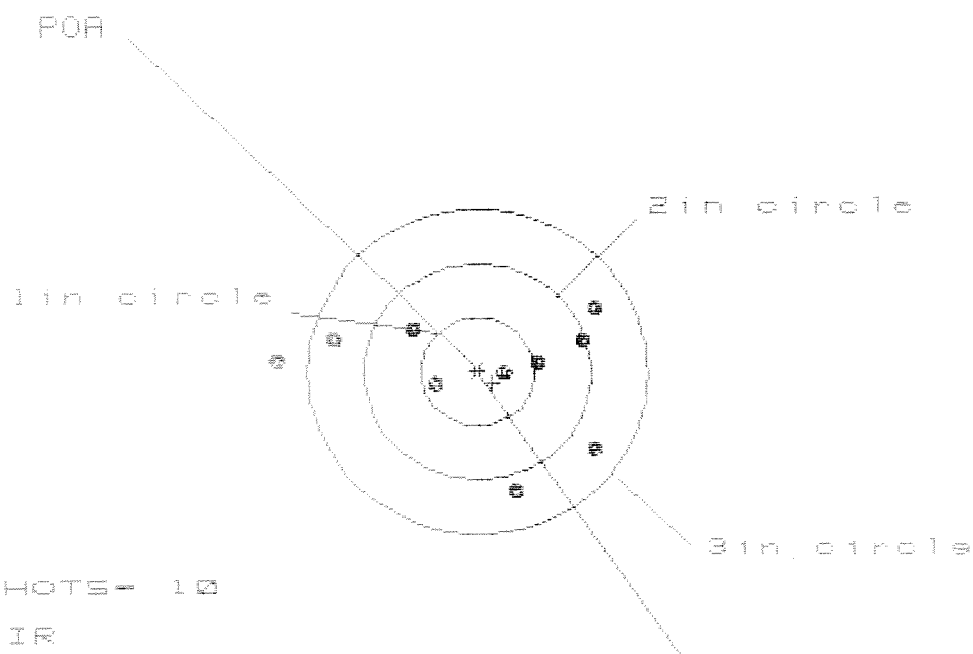
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0118
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1634
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .163826

THE AMR FOR THIS RIFLE IS: .7328

25 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/CBB10896

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 9

HS= 2.764

VS= 1.670

GS= 2.877

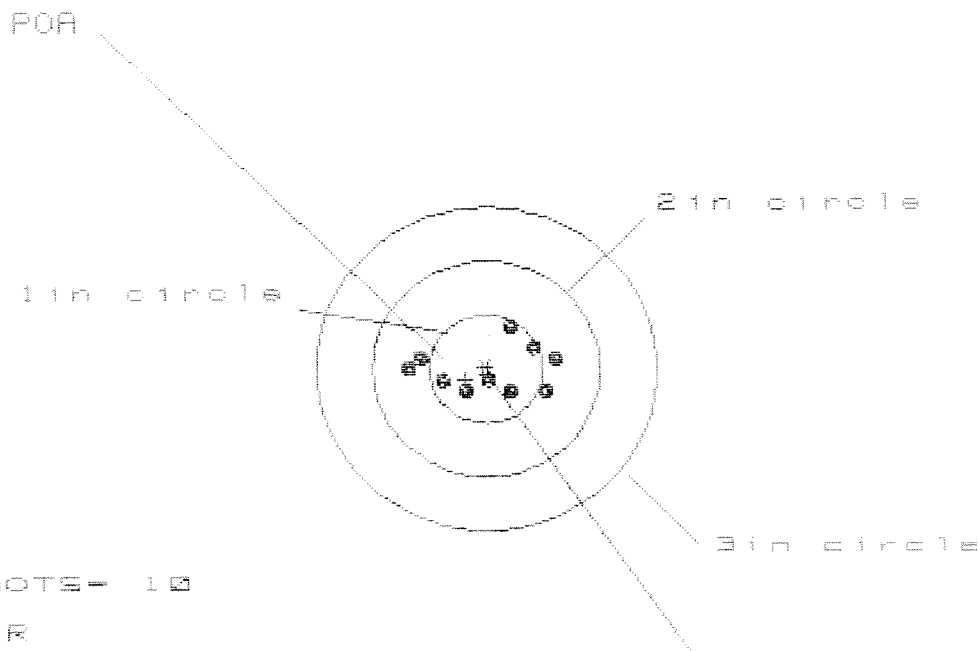
CENTROID #

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.015	.820	.633
MINIMUM X	:	-1.749	-1.498	-.931
MAXIMUM Y	:	.603	.618	.663
MINIMUM Y	:	-1.067	-1.052	-1.007
CENTROID X	:	-.129	.066	.253
CENTROID Y	:	.105	.090	.045
POA TO CENTROID in.	:	.166	.111	.257
MIN RADIUS	:	.265	.078	.141
MEAN RADIUS	:	.942	.811	.698
MAX RADIUS	:	1.755	1.540	1.025
HORIZONTAL SPREAD	:	2.764	2.318	1.564
VERTICAL SPREAD	:	1.670	1.670	1.670
EXTREME SPREAD	:	2.877	2.528	1.875
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

25 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/CBB11696

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 6

2in = 10

3in = 10

HS= 1.321

VS= .595

GS= 1.322

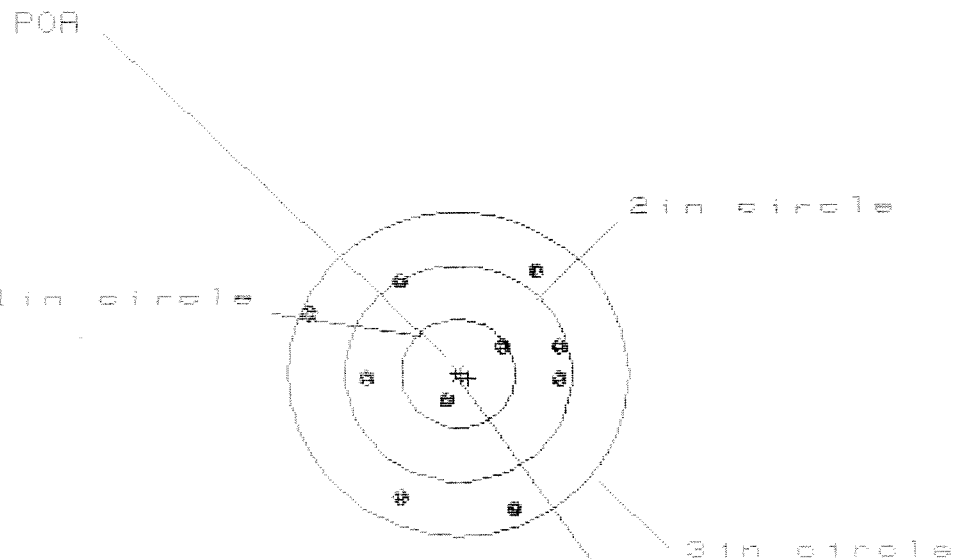
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.614	.536	.450
MINIMUM X	:	-.707	-.685	-.597
MAXIMUM Y	:	.376	.378	.396
MINIMUM Y	:	-.219	-.217	-.199
CENTROID X	:	.185	.263	.349
CENTROID Y	:	.099	.097	.079
POA TO CENTROID in.	:	.210	.281	.358
MIN RADIUS	:	.110	.124	.158
MEAN RADIUS	:	.454	.418	.371
MAX RADIUS	:	.707	.701	.610
HORIZONTAL SPREAD	:	1.321	1.221	1.047
VERTICAL SPREAD	:	.595	.595	.595
EXTREME SPREAD	:	1.322	1.223	1.069
NUMBER IN ONE INCH CIRCLE	=		6	
NUMBER IN TWO INCH CIRCLE	=		10	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 2

2in = 6

3in = 10

HS = 2.270

VS = 2.270

GS = 2.584

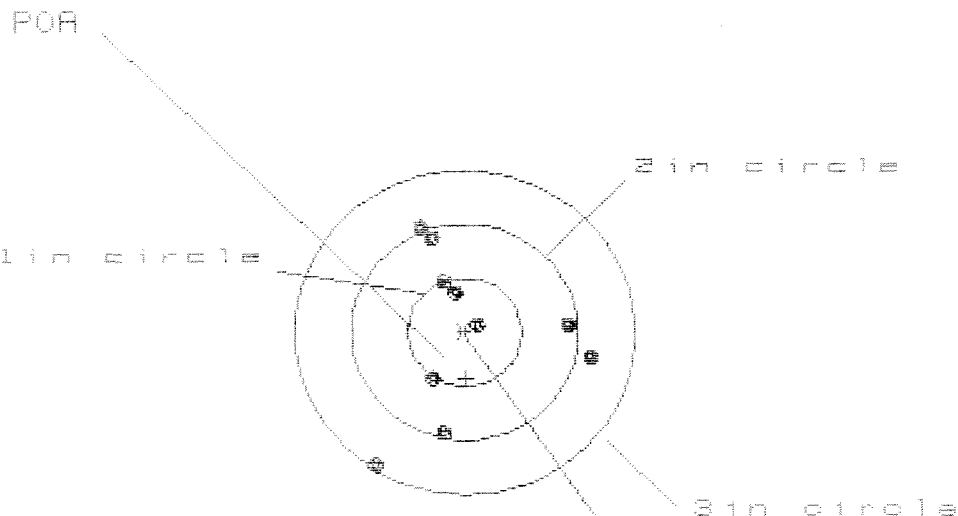
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.921	.771	.813
MINIMUM X	:	-1.349	-.992	-.951
MAXIMUM Y	:	.978	1.037	.883
MINIMUM Y	:	-1.292	-1.233	-1.266
CENTROID X	:	-.088	.062	.020
CENTROID Y	:	.044	-.015	.139
POA TO CENTROID in.	:	.098	.064	.141
MIN RADIUS	:	.287	.355	.295
MEAN RADIUS	:	.965	.898	.837
MAX RADIUS	:	1.449	1.278	1.393
HORIZONTAL SPREAD	:	2.270	1.763	1.763
VERTICAL SPREAD	:	2.270	2.270	2.149
EXTREME SPREAD	:	2.584	2.441	2.441
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

25 Apr 1991

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 4

2 in = 7

3 in = 10

HS= 1.937

VS= 2.131

GS= 2.173

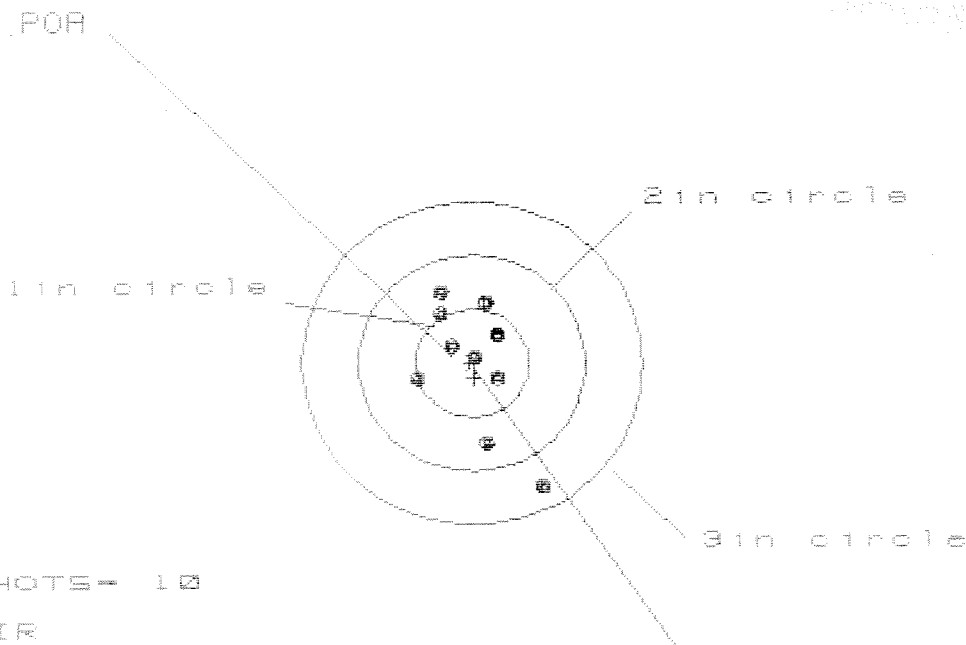
CENTROID #

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.150	1.062	.997
MINIMUM X	-.787	-.450	-.317
MAXIMUM Y	.934	.801	.757
MINIMUM Y	-1.197	-1.028	-1.073
CENTROID X	-.009	.079	-.054
CENTROID Y	.430	.563	.608
POA TO CENTROID in.	.430	.568	.610
MIN RADIUS	.098	.078	.152
MEAN RADIUS	.779	.686	.610
MAX RADIUS	1.433	1.121	1.089
HORIZONTAL SPREAD	1.937	1.512	1.314
VERTICAL SPREAD	2.131	1.829	1.829
EXTREME SPREAD	2.173	1.904	1.834
NUMBER IN ONE INCH CIRCLE =		4	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		10	

25 Apr 1991

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CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 5

2in = 9

3in = 10

HS= 1.056

VS= 1.833

GS= 2.036

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.613	.257	.231
MINIMUM X	:	-.443	-.375	-.401
MAXIMUM Y	:	.693	.567	.488
MINIMUM Y	:	-1.140	-.858	-.788
CENTROID X	:	-.018	-.086	-.060
CENTROID Y	:	.139	.265	.195
POR TO CENTROID in.	:	.140	.279	.204
MIN RADIUS	:	.103	.121	.097
MEAN RADIUS	:	.524	.411	.389
MAX RADIUS	:	1.294	.878	.803
HORIZONTAL SPREAD	:	1.056	.632	.632
VERTICAL SPREAD	:	1.833	1.425	1.276
EXTREME SPREAD	:	2.036	1.477	1.277
NUMBER IN ONE INCH CIRCLE	=		5	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	