

C6649221

MODEL 700™ M24

Model SWS TM

Action

Barrel Length

Capacity

Order No. 5715

*Includes 1 in chamber.

Remington




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

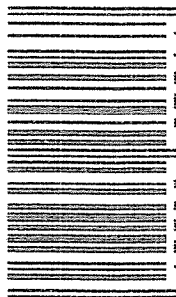
MODEL 700™ H24

SERIAL NO.
06649221

ORDER NO.
5716

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

UPC



0 47700 25716 2



5716 06649221

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6649221

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	7 25		RW
612	Magnaflux Barrel Action	JUL	1 1991	KR
	Magnaflux Bolt	JUL	1 1991	KR
615	Rollmark Caliber	JUL	1 1991	GL
617	Drill and Tap Sight Holes	JUL	1 1991	LB
618	Polish Barrel	JUL	2 1991	WB
620	Apply Coatings (Barrel Action)		8-27-91	AS
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/28/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/28/91	RW
	C) Inspect Ejector Hole for Chamfer		8/28/91	RW
	D) Oil Firing Pin Ass'y		8/28/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		9-4-91	DH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5 1/2	5 1/2	5			9-4-91	DH
	G) Safety Off Force	3	3	3			9-4-91	DH
	H) Trigger Pull Test & Retainability						9-4-91	DH
	I) Firing Pin Indent	.022	.021	.020			9-4-91	DH
	J) Assemble Stock						9/4/91	RW
	K) Assemble Swivel Studs						9-10-91	AC
	L) Attach Front and Rear Sight Assemblies						9/4/91	RW
	M) Iron Sight Alignment						9/4/91	RW
	N) Detach Front & Rear Sights & place in numbered container						9/4/91	RW
	O) Attach Scope to Rifle						9/4/91	RW
	P) Detach & Attach Scope 20 Times						9/4/91	RW
640	Gallery Target & Test						9-5-91	AC
	A) Time						9-5-91	AC
	B) Malfunctions						9-5-91	AC
	C) Pierced Primers						9-5-91	AC
	D) Optical Clarity of Scope						9-5-91	AC
645	Inspect for Live Ammo						9-5-91	AC
655	Final Inspection							
	A) Headspace						9-10-91	AC
	B) Trigger Pull	2.51	2.42	2.43	2.49	2.41	9-6-91	AC
	C) Function						9-10-91	AC
660	Pack						9-10-91	AC

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. CCG49221

DATE 9-4-91

TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.51	2.46	2.65	2.51	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.38	2.47	2.63	2.42	
PULL #3	2.28	2.43	2.61	2.43	
PULL #4	2.26	2.37	2.60	2.49	
PULL #5	2.23	2.32	2.69	2.41	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.18	3.23		
PULL #2	3.10	3.10		
PULL #3	3.06	3.13		
PULL #4	3.15	3.03		
PULL #5	3.09	3.05		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.10	4.15		4.29
PULL #2	4.02	4.09		4.18
PULL #3	4.03	4.14		4.28
PULL #4	4.06	4.07		4.25
PULL #5	4.10	4.13		4.28
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6649221
5 Sep 1991

CENTROIDAL DISTANCES

0 TO	1	.420098
1 TO	2	.268151
1 TO	3	.593453
1 TO	4	.514806
1 TO	5	.320062

$\frac{3.4}{1.5}$ <----POA

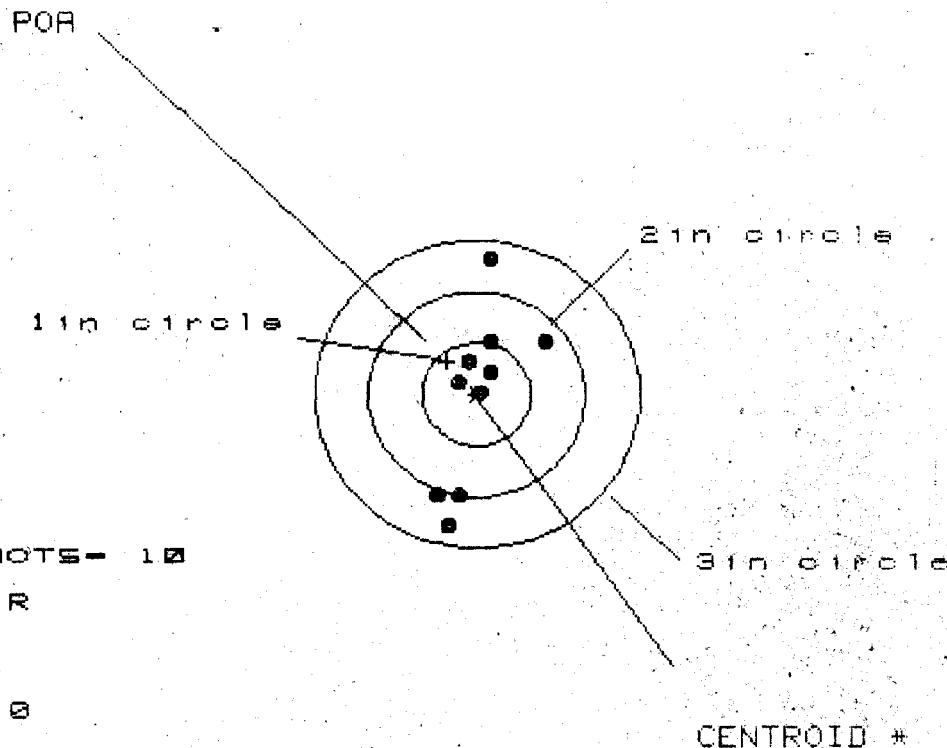
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2914
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0486
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .295425

THE AMP FOR THIS RIFLE IS: .9518

5 Sep 1991

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CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 4

2in = 7

3in = 10

HS= 1.073

VS= 2.533

GS= 2.566

PATTERN #

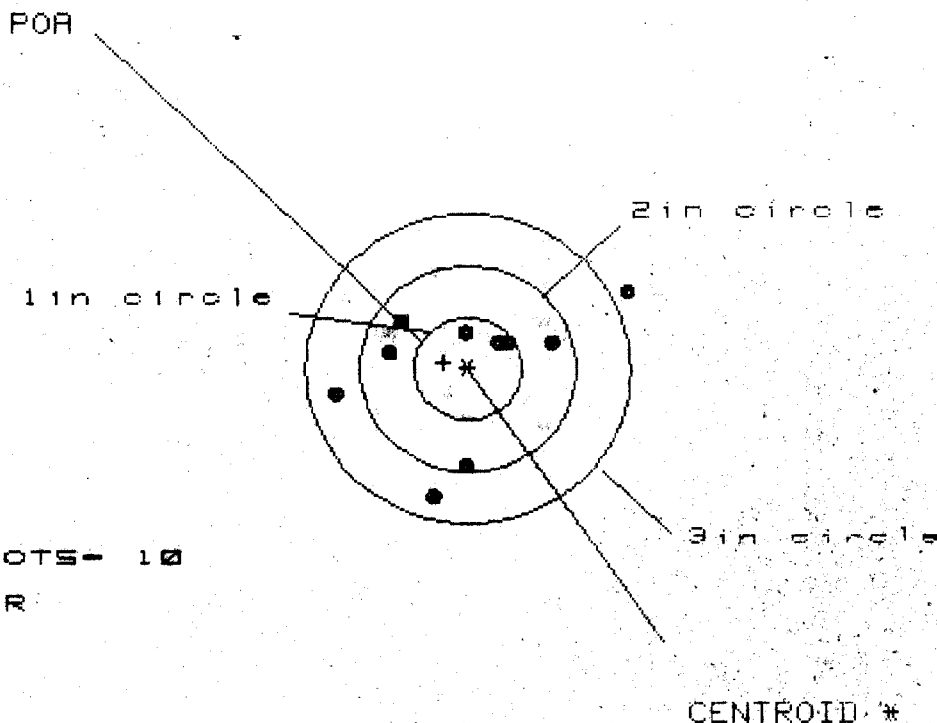
SHOTS (BEST OF)

	10	9	8
MAXIMUM X	.662	.627	.634
MINIMUM X	-.411	-.446	-.439
MAXIMUM Y	1.282	1.143	.574
MINIMUM Y	-1.251	-1.090	-.947
CENTROID X	.271	.306	.299
CENTROID Y	-.321	-.182	-.325
POR TO CENTROID in.	.420	.356	.442
MIN RADIUS	.085	.098	.066
MEAN RADIUS	.693	.586	.544
MAX RADIUS	1.290	1.177	1.043
HORIZONTAL SPREAD	1.073	1.073	1.073
VERTICAL SPREAD	2.533	2.233	1.521
EXTREME SPREAD	2.566	2.289	1.861
NUMBER IN ONE INCH CIRCLE =		4	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		10	

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 7

3 in = 9

HS= 2.763

VS= 2.041

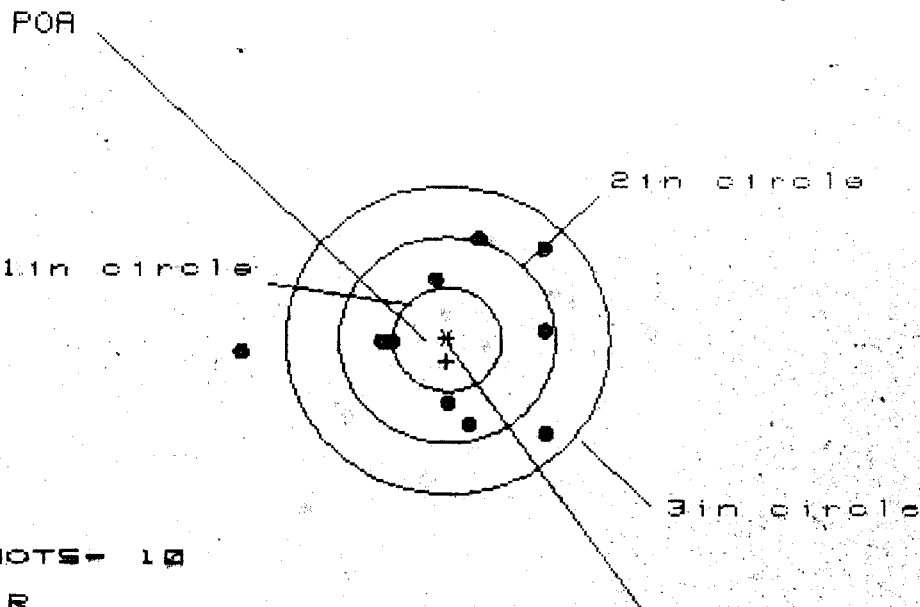
GS= 2.950

PATTERN #			
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.505	.968	.942
MINIMUM X	-1.258	-1.090	-1.116
MAXIMUM Y	.755	.520	.370
MINIMUM Y	-1.286	-1.202	-1.041
CENTROID X	.224	.056	.082
CENTROID Y	-.057	-.141	.009
POA TO CENTROID in.	.231	.152	.083
MIN RADIUS	.370	.493	.346
MEAN RADIUS	.875	.796	.703
MAX RADIUS	1.684	1.219	1.168
HORIZONTAL SPREAD	2.763	2.058	2.058
VERTICAL SPREAD	2.041	1.722	1.411
EXTREME SPREAD	2.950	2.123	2.123
NUMBER IN ONE INCH CIRCLE	=	3	
NUMBER IN TWO INCH CIRCLE	=	7	
NUMBER IN THREE INCH CIRCLE	=	9	

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CENTERFIRE PATTERNS # 3



* OF SHOTS = 10

IN CIR

1in = 0

2in = 6

3in = 9

HS = 2.854

VS = 1.922

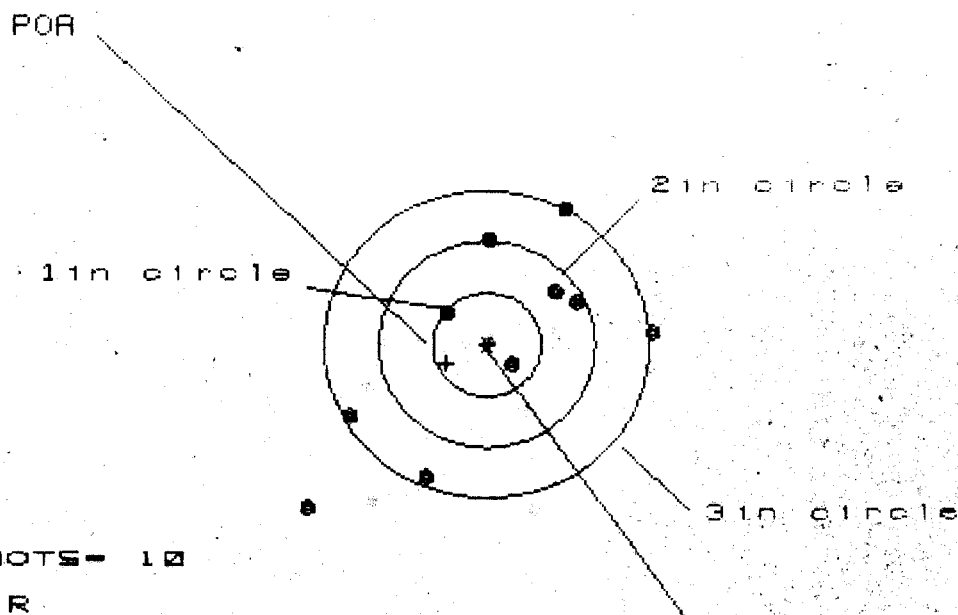
GS = 3.003

PATTERN #			
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.935	.722	.751
MINIMUM X	-1.919	-.794	-.703
MAXIMUM Y	1.005	.996	1.102
MINIMUM Y	-.917	-.926	-.820
CENTROID X	.006	.219	.128
CENTROID Y	.210	.219	.113
POA TO CENTROID in.	.210	.309	.171
MIN RADIUS	.530	.661	.547
MEAN RADIUS	.957	.848	.795
MAX RADIUS	1.920	1.137	1.114
HORIZONTAL SPREAD	2.854	1.516	1.454
VERTICAL SPREAD	1.922	1.922	1.922
EXTREME SPREAD	3.003	2.009	2.009
NUMBER IN ONE INCH CIRCLE	=	0	
NUMBER IN TWO INCH CIRCLE	=	6	
NUMBER IN THREE INCH CIRCLE	=	9	

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in - 1

2in - 4

3in - 7

HS- 3.257

VS- 2.897

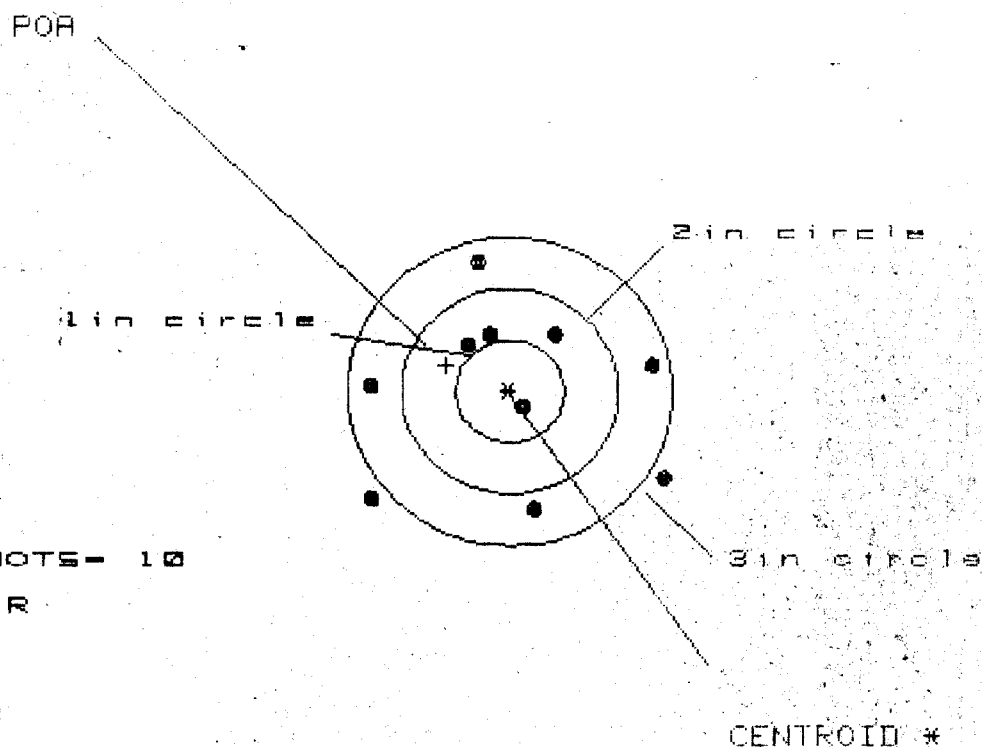
GS- 3.808

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.554	1.364	.821
MINIMUM X	-1.713	-1.461	-1.290
MAXIMUM Y	1.337	1.163	1.159
MINIMUM Y	-1.560	-1.475	-1.479
CENTROID X	.371	.561	.390
CENTROID Y	.184	.358	.362
POA TO CENTROID in.	.414	.665	.532
MIN RADIUS	.310	.400	.432
MEAN RADIUS	1.182	1.009	.968
MAX RADIUS	2.317	1.680	1.597
HORIZONTAL SPREAD	3.267	2.825	2.111
VERTICAL SPREAD	2.897	2.638	2.638
EXTREME SPREAD	3.808	2.960	2.960
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	7		

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 8

HS= 2.781

VS= 2.386

GS= 2.944

PATTERN #	:			
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.447	1.470	1.324
MINIMUM X	:	-1.334	-1.173	-1.317
MAXIMUM Y	:	1.267	1.172	1.033
MINIMUM Y	:	-1.119	-1.214	-1.353
CENTROID X	:	.585	.424	.570
CENTROID Y	:	-.259	-.164	-.025
POA TO CENTROID in.	:	.639	.454	.571
MIN RADIUS	:	.181	.357	.354
MEAN RADIUS	:	1.052	.967	.853
MAX RADIUS	:	1.681	1.616	1.368
HORIZONTAL SPREAD	:	2.781	2.643	2.641
VERTICAL SPREAD	:	2.386	2.386	2.386
EXTREME SPREAD	:	2.944	2.944	2.654
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	