

C6611798

MODEL 700™ M24

Model **S&S**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

Remington®



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

MODEL 700™ H24

SERIAL NO.

C6611798

ORDER NO.

5716

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

20



5716 C6611798

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

26611798

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	1/24/91	KS
600	Proof		1/24/91	KS
607	Check Headspace		1/24/91	KS
610	Dis-assemble Gun		1/24/91	KS
612	Magnaflux Barrel Action		1/29/91	KR
	Magnaflux Bolt		11	KR
615	Rollmark Caliber		11	GL
617	Drill and Tap Sight Holes	2 2 91		LB
618	Polish Barrel <i>PBB</i>	2 2 91		WB
620	Apply Coatings (Barrel Action)		2-11-91	LB
	Apply Coating (Bolt)			
625	Final Assembly		2/18/91	Kd
	A) Clean inside of Bolt Assembly			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/18/91	Kd
	C) Inspect Ejector Hole for Chamfer		2/18/91	Kd
	D) Oil Firing Pin Ass'y		2/18/91	Kd
	E) Adjust Trigger Pull to Min Setting and Stake		2-21-91	DH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6	6	6	2-21-91	DH
	G) Safety Off Force	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2-21-91	DH
	H) Trigger Pull Test & Retainability						2-21-91	DH
	I) Firing Pin Indent	.021	.020	.0205			2-21-91	DH
	J) Assemble Stock						2/25/91	KS
	K) Assemble Swivel Studs						2/27/91	KH
	L) Attach Front and Rear Sight Assemblies						2/27/91	KH
	M) Iron Sight Alignment						2/27/91	KH
	N) Detach Front & Rear Sights & place in numbered container						2/27/91	KH
	O) Attach Scope to Rifle						2/25/91	KS
	P) Detach & Attach Scope 20 Times						2/25/91	KS
640	Gallery Target & Test						2/24/91	KH
	A) Time							KH
	B) Malfunctions							KH
	C) Pierced Primers							KH
	D) Optical Clarity of Scope							KH
645	Inspect for Live Ammo						2/26/91	KH
655	Final Inspection							
	A) Headspace						3-1-91	DH
	B) Trigger Pull	2.35	2.33	2.33	2.35	2.41	2-27-91	DH
	C) Function						3-1-91	DH
660	Pack						3-18-91	NF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6611798

DATE 2-21-91

TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.54	2.42	2.43	2.35	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.59	2.45	2.62	2.33	
PULL #3	2.56	2.42	2.50	2.33	
PULL #4	2.57	2.45	2.64	2.35	
PULL #5	2.37	2.45	2.60	2.41	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.21	3.06		
PULL #2	3.20	3.10		
PULL #3	3.15	3.01		
PULL #4	3.14	3.06		
PULL #5	3.11	3.08		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.08	4.00		4.11
PULL #2	4.15	4.01		4.05
PULL #3	4.13	4.03		4.03
PULL #4	4.16	3.96		4.00
PULL #5	4.14	3.91		4.10
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611798
27 Feb 1991

CENTROIDAL DISTANCES

0 TO 1	.240071
1 TO 2	.454714
1 TO 3	.316166
1 TO 4	.22454
1 TO 5	.0915915

$\frac{4}{5}$
2.1 <----POA

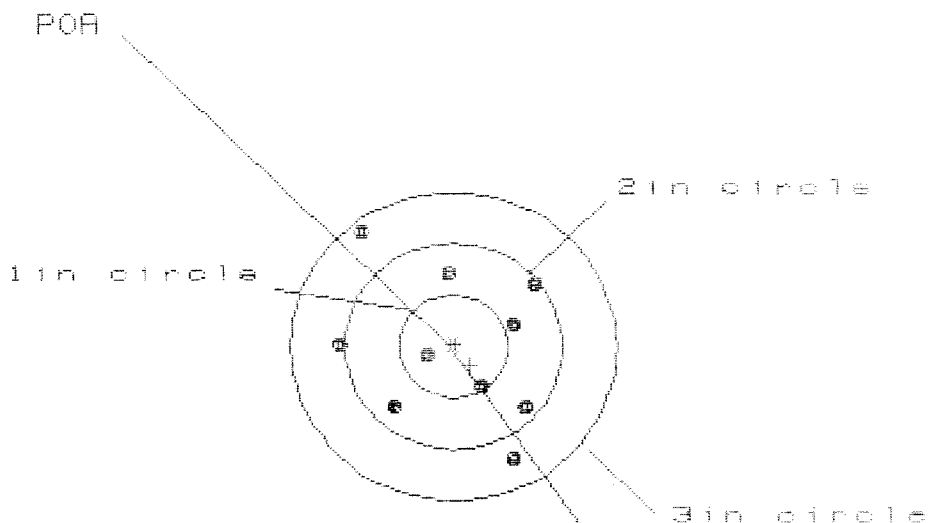
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1222
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0044
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .148513

THE AMR FOR THIS RIFLE IS: .9218

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CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in - 2

2in - 7

3in - 10

HS- 1.801

VS- 2.242

GS- 2.617

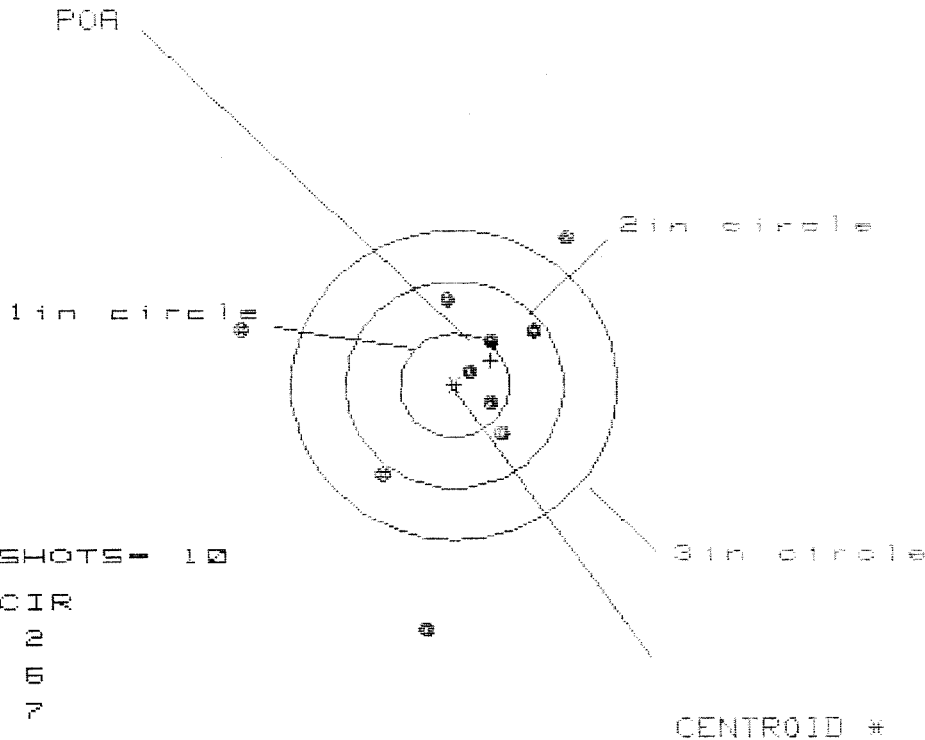
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.728	.636	.691
MINIMUM X	-1.073	-1.165	-1.110
MAXIMUM Y	1.133	.799	.677
MINIMUM Y	-1.109	-.983	-.595
CENTROID X	-.153	-.061	-.116
CENTROID Y	.185	.060	.182
POA TO CENTROID in.	.240	.085	.216
MIN RADIUS	.297	.280	.333
MEAN RADIUS	.839	.761	.720
MAX RADIUS	1.400	1.180	1.112
HORIZONTAL SPREAD	1.801	1.801	1.801
VERTICAL SPREAD	2.242	1.782	1.272
EXTREME SPREAD	2.617	1.983	1.888
NUMBER IN ONE INCH CIRCLE =	2		
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 = 2

2 in = 5

3 in = 7

HS= 3.028

VS= 3.761

GS= 3.970

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.047	1.022	.772
MINIMUM X	:	-1.981	-2.006	-.930
MAXIMUM Y	:	1.420	1.160	1.195
MINIMUM Y	:	-2.341	-1.127	-1.092
CENTROID X	:	-.332	-.307	-.057
CENTROID Y	:	-.233	.027	-.008
POA TO CENTROID in.	:	.406	.309	.057
MIN RADIUS	:	.172	.124	.198
MEAN RADIUS	:	1.072	.895	.703
MAX RADIUS	:	2.352	2.026	1.434
HORIZONTAL SPREAD	:	3.028	3.028	1.702
VERTICAL SPREAD	:	3.761	2.287	2.287
EXTREME SPREAD	:	3.970	3.152	2.851
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		7	

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CENTERFIRE PATTERNS

3

POA

1in circle

2in circle

3in circle

OF SHOTS - 10

IN CIR

1in = 3

2in = 8

3in = 9

HS = 1.803

VS = 2.997

GS = 3.205

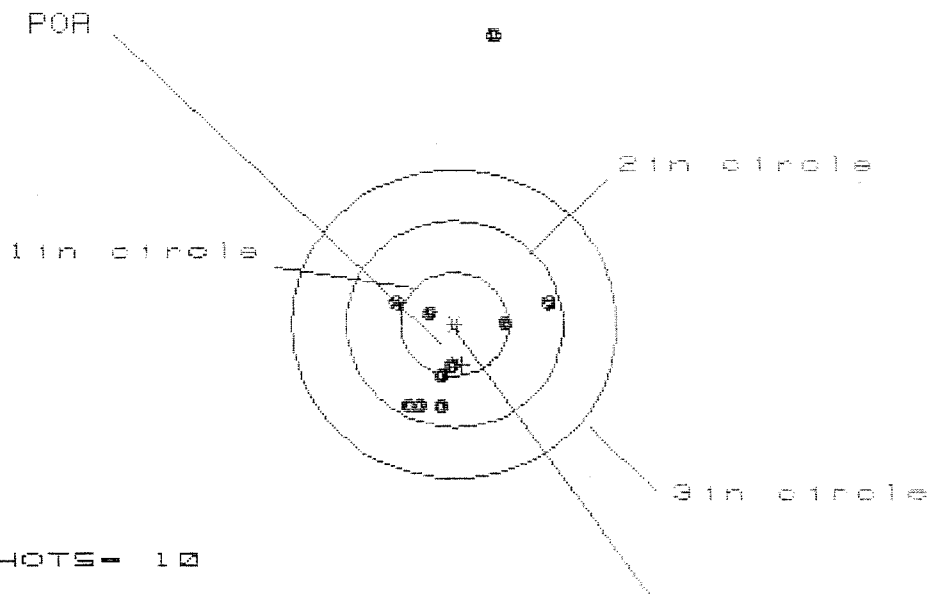
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.915	.816	.834
MINIMUM X	:	-.888	-.964	-.946
MAXIMUM Y	:	1.329	1.144	.460
MINIMUM Y	:	-1.668	-.759	-.616
CENTROID X	:	.003	.102	.084
CENTROID Y	:	-.090	.095	-.040
POA TO CENTROID in.	:	.090	.140	.096
MIN RADIUS	:	.193	.167	.111
MEAN RADIUS	:	.830	.683	.616
MAX RADIUS	:	1.890	1.153	.946
HORIZONTAL SPREAD	:	1.803	1.780	1.780
VERTICAL SPREAD	:	2.997	1.903	1.876
EXTREME SPREAD	:	3.205	2.051	1.810
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1 in - 2

2 in - 9

3 in - 9

HS - 1.386

VS - 3.641

GS - 3.739

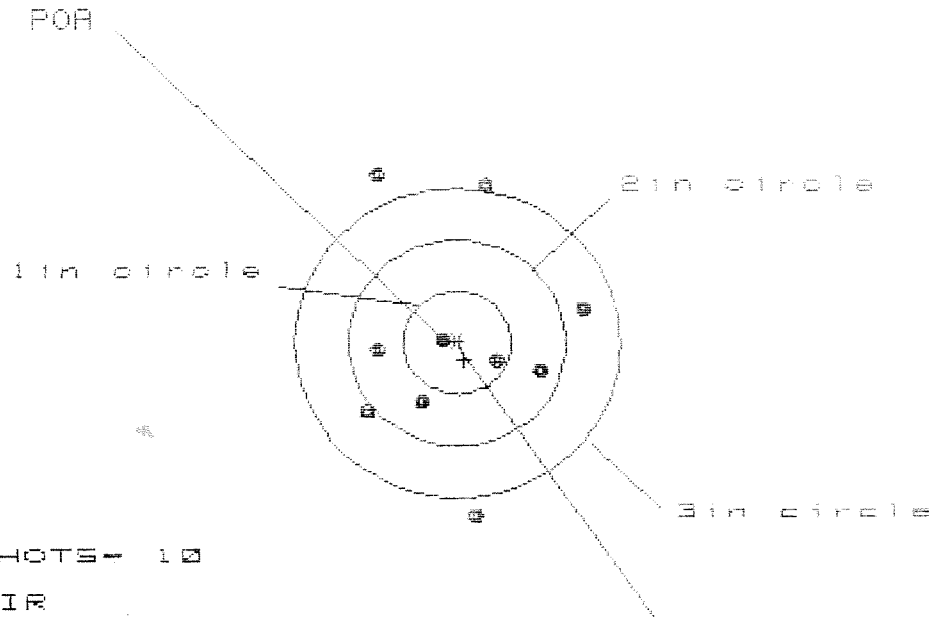
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.893	.938	.887
MINIMUM X	:	-.493	-.448	-.499
MAXIMUM Y	:	2.801	.548	.481
MINIMUM Y	:	-.840	-.528	-.553
CENTROID X	:	-.066	-.111	-.060
CENTROID Y	:	.392	.080	.147
POA TO CENTROID in.	:	.397	.137	.158
MIN RADIUS	:	.229	.106	.187
MEAN RADIUS	:	.851	.532	.531
MAX RADIUS	:	2.830	1.086	1.009
HORIZONTAL SPREAD	:	1.386	1.386	1.386
VERTICAL SPREAD	:	3.641	1.076	1.035
EXTREME SPREAD	:	3.739	1.722	1.579
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in - 2

2in - 5

3in = 7

HS= 2.058

VS= 3.247

GS= 3.373

CENTROID #

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.196	1.114	1.125
MINIMUM X	-0.862	-0.944	-0.933
MAXIMUM Y	1.591	1.668	1.483
MINIMUM Y	-1.656	-1.480	-1.686
CENTROID X	-0.063	.019	.008
CENTROID Y	.168	-0.008	.177
POA TO CENTROID in.	.180	.021	.177
MIN RADIUS	.164	.314	.233
MEAN RADIUS	1.017	.917	.847
MAX RADIUS	1.754	1.678	1.496
HORIZONTAL SPREAD	2.058	2.058	2.058
VERTICAL SPREAD	3.247	3.148	2.169
EXTREME SPREAD	3.373	3.149	2.445
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	7		