

C6611488

MODEL 700™ N24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

M2400077749

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER




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

MODEL 700™ H24

SERIAL NO.
C6611488

ORDER NO.
5716

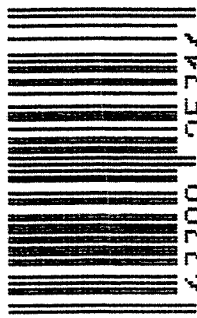
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MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.



5716 C6611488

LPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611488

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	3 25	91	Ru
600	Proof	3 25	91	Ru
607	Check Headspace	3 25	91	Ru
610	Dis-assemble Gun	3 25	91	Ru
612	Magnaflux Barrel Action	3 28	91	KR
	Magnaflux Bolt	3 28	91	LC
615	Rollmark Caliber	3 28	91	GS
617	Drill and Tap Sight Holes	APR 3	1991	FB
618	Polish Barrel	APR 3	1991	WB
620	Apply Coatings (Barrel Action)		4-11-91	TS
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/16/91	Ru
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/16/91	Ru
	C) Inspect Ejector Hole for Chamfer		4/16/91	Ru
	D) Oil Firing Pin Ass'y		4/16/91	Ru
	E) Adjust Trigger Pull to Min Setting and Stake		5/4/91	GS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			5/4/91	JK
	G) Safety Off Force	4	4	4			5/4/91	JK
	H) Trigger Pull Test & Retainability						5/4/91	JK
	I) Firing Pin Indent	.020	.0205	.020			5/4/91	JK
	J) Assemble Stock						5/4/91	RW
	K) Assemble Swivel Studs						5-10-91	AC
	L) Attach Front and Rear Sight Assemblies						5/4/91	RW
	M) Iron Sight Alignment						5/4/91	RW
	N) Detach Front & Rear Sights & place in numbered container						5/4/91	RW
	O) Attach Scope to Rifle						5/4/91	RW
	P) Detach & Attach Scope 20 Times						5/4/91	RW
640	Gallery Target & Test						5-4-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						5-4-91	NF
655	Final Inspection							
	A) Headspace						5-10-91	AC
	B) Trigger Pull	2.33	2.23	2.32	2.22	2.34	5/9/91	JK
	C) Function						5-10-91	AC
660	Pack						6-19-91	NF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 6611488

DATE 5/4/91

TESTER JEL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.28	2.41	2.30	2.33	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.29	2.43	2.38	2.23	
PULL #3	3.38	2.40	2.41	2.32	
PULL #4	2.21	2.23	2.39	2.22	
PULL #5	2.25	2.39	2.42	2.34	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.46	3.16		
PULL #2	3.27	3.28		
PULL #3	3.19	3.15		
PULL #4	3.24	3.35		
PULL #5	3.29	3.36		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.58	4.43		4.17
PULL #2	4.58	4.63		4.45
PULL #3	4.36	4.20		4.25
PULL #4	4.66	4.18		4.23
PULL #5	4.52	4.18		4.58
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611488
4 May 1991

CENTROIDAL DISTANCES

0 TO	1	.0609262
1 TO	2	.196115
1 TO	3	.3378
1 TO	4	.222991
1 TO	5	.1922

219 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .068
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0184
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0704454
THE AMR FOR THIS RIFLE IS: .972

4 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/05611488

CENTERFIRE PATTERNS

1

POA

1in circle

2in circle

3in circle

CENTROID #

OF SHOTS- 10

IN CIR

1in = 3

2in = 4

3in = 7

HS= 4.321

VS= 4.064

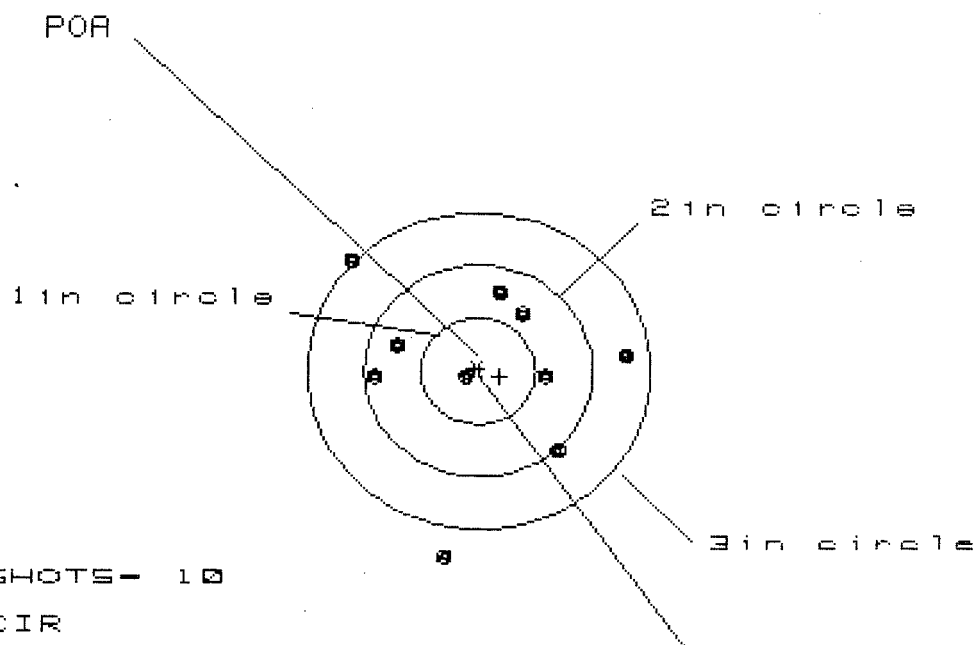
GS= 5.932

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.216	1.466	1.233
MINIMUM X	:	-2.105	-1.859	-1.174
MAXIMUM Y	:	1.989	1.758	1.001
MINIMUM Y	:	-2.075	-1.729	-1.509
CENTROID X	:	-.024	-.270	-.037
CENTROID Y	:	-.056	.175	-.045
POA TO CENTROID in.	:	.060	.322	.058
MIN RADIUS	:	.326	.223	.312
MEAN RADIUS	:	1.360	1.163	.957
MAX RADIUS	:	3.036	2.559	1.566
HORIZONTAL SPREAD	:	4.321	3.325	2.407
VERTICAL SPREAD	:	4.064	3.487	2.510
EXTREME SPREAD	:	5.932	4.297	2.897
NUMBER IN ONE INCH CIRCLE =	:	3		
NUMBER IN TWO INCH CIRCLE =	:	4		
NUMBER IN THREE INCH CIRCLE =	:	7		

4 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C66114B8

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 8

HS= 2.385

VS= 2.769

GS= 2.884

CENTROID #

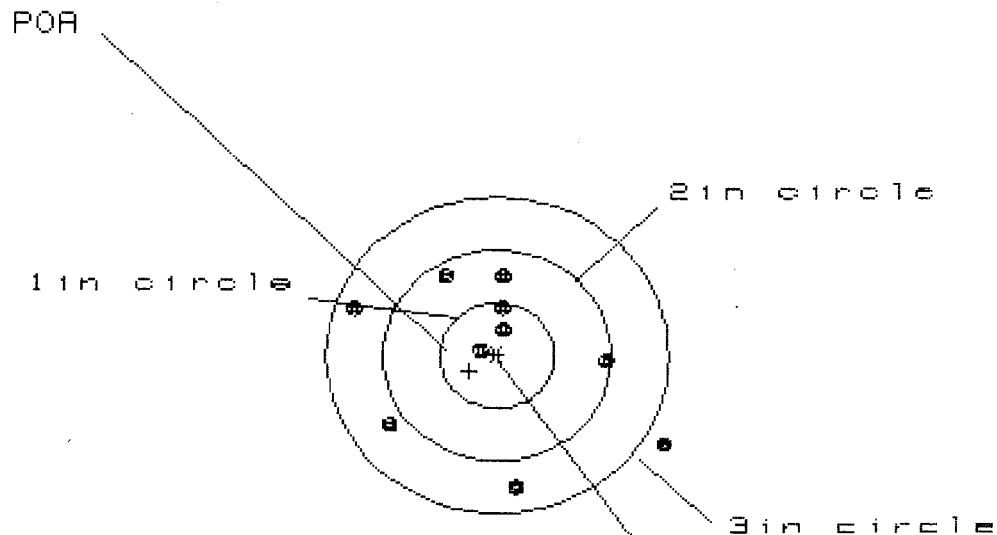
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.260	1.225	1.080
MINIMUM X	:	-1.125	-1.160	-1.069
MAXIMUM Y	:	1.035	.843	.633
MINIMUM Y	:	-1.734	-.969	-.864
CENTROID X	:	-.189	-.154	-.009
CENTROID Y	:	.050	.242	.137
POA TO CENTROID in.	:	.196	.287	.137
MIN RADIUS	:	.142	.314	.341
MEAN RADIUS	:	.944	.839	.753
MAX RADIUS	:	1.763	1.434	1.080
HORIZONTAL SPREAD	:	2.385	2.385	2.149
VERTICAL SPREAD	:	2.769	1.812	1.497
EXTREME SPREAD	:	2.884	2.562	2.153
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			8	

4 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611488

CENTERFIRE PATTERNS

3



OF SHOTS- 10

IN CIR

1in = 3

2in = 6

3in = 9

HS= 2.709

VS= 2.002

GS= 2.991

CENTROID *

PATTERN #	:	3	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.481	1.135	1.002
MINIMUM X	:	-1.228	-1.064	-.912
MAXIMUM Y	:	.755	.666	.714
MINIMUM Y	:	-1.247	-1.336	-1.288
CENTROID X	:	.246	.082	.215
CENTROID Y	:	.147	.236	.188
POA TO CENTROID in.	:	.287	.250	.286
MIN RADIUS	:	.134	.053	.088
MEAN RADIUS	:	.890	.769	.723
MAX RADIUS	:	1.682	1.369	1.299
HORIZONTAL SPREAD	:	2.709	2.199	1.914
VERTICAL SPREAD	:	2.002	2.002	2.002
EXTREME SPREAD	:	2.991	2.269	2.080
NUMBER IN ONE INCH CIRCLE =	:	3		
NUMBER IN TWO INCH CIRCLE =	:	6		
NUMBER IN THREE INCH CIRCLE =	:	9		

4 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611488

CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 3

2in = 7

3in = 8

HS= 1.909

VS= 2.781

GS= 2.883

CENTROID *

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.819	.698	.625
MINIMUM X	:	-1.089	-.586	-.551
MAXIMUM Y	:	1.516	1.665	.672
MINIMUM Y	:	-1.266	-1.116	-.908
CENTROID X	:	.141	.262	.335
CENTROID Y	:	-.206	-.355	-.563
POA TO CENTROID in.	:	.249	.441	.655
MIN RADIUS	:	.301	.279	.144
MEAN RADIUS	:	.878	.743	.573
MAX RADIUS	:	1.730	1.765	.910
HORIZONTAL SPREAD	:	1.909	1.284	1.176
VERTICAL SPREAD	:	2.781	2.781	1.580
EXTREME SPREAD	:	2.883	2.845	1.655
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

4 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611488

CENTERFIRE PATTERNS

5

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 3

2 in = 8

3 in = 9

HS= 1.464

VS= 2.776

GS= 2.881

CENTROID #

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.747	.809	.790
MINIMUM X	:	-.717	-.655	-.674
MAXIMUM Y	:	1.102	.916	.902
MINIMUM Y	:	-1.674	-.816	-.702
CENTROID X	:	.166	.104	.123
CENTROID Y	:	-.027	.159	.045
POA TO CENTROID in.	:	.168	.190	.131
MIN RADIUS	:	.235	.256	.215
MEAN RADIUS	:	.788	.668	.626
MAX RADIUS	:	1.765	.928	.910
HORIZONTAL SPREAD	:	1.464	1.464	1.464
VERTICAL SPREAD	:	2.776	1.732	1.604
EXTREME SPREAD	:	2.881	1.732	1.644
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	