

C6611670

MODEL 700™ M24

Model **SWS**™

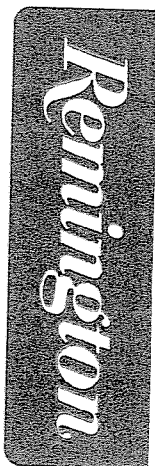
Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Remington® **DUPONT**
REG. U.S. PAT. & TM. OFF.

MODEL 700™ H24

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

SERIAL NO.
C6611670

ORDER NO.
5716

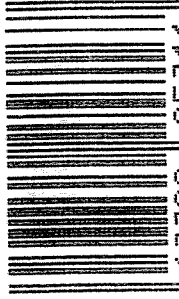
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MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.



5716 C6611670

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6611670

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	3/18/91	K.S.
600	Proof		3/18/91	K.S.
607	Check Headspace		3/18/91	K.S.
610	Dis-assemble Gun		3/18/91	K.S.
612	Magnaflux Barrel Action		3/28/91	K.B.
	Magnaflux Bolt		"	"
615	Rollmark Caliber		"	G.L.
617	Drill and Tap Sight Holes		APR 3 1991	E.B.
618	Polish Barrel		APR 3 1991	W.B.
620	Apply Coatings (Barrel Action)		4-19-91	[Signature]
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/24/91	K.S.
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/24/91	K.S.
	C) Inspect Ejector Hole for Chamfer		4/24/91	K.S.
	D) Oil Firing Pin Ass'y		4/24/91	K.S.
	E) Adjust Trigger Pull to Min Setting and Stake		4/30/91	[Signature]

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	7	7	7			5/1/91	JK
	G) Safety Off Force	4	4	4			5/1/91	JK
	H) Trigger Pull Test & Retainability						4/30/91	JK
	I) Firing Pin Indent	.0225	.0235	.0235			5/1/91	JK
	J) Assemble Stock						5/2/91	KS
	K) Assemble Swivel Studs						5-10-91	D/H
	L) Attach Front and Rear Sight Assemblies						5/2/91	KS
	M) Iron Sight Alignment						5/2/91	KS
	N) Detach Front & Rear Sights & place in numbered container						5/2/91	KS
	O) Attach Scope to Rifle						5/2/91	KS
	P) Detach & Attach Scope 20 Times						5/2/91	KS
640	Gallery Target & Test						5-3-91	D/H
	A) Time						5-3-91	D/H
	B) Malfunctions						5-3-91	D/H
	C) Pierced Primers						5-3-91	D/H
	D) Optical Clarity of Scope						5-3-91	D/H
645	Inspect for Live Ammo						5-3-91	D/H
655	Final Inspection							
	A) Headspace						5-10-91	D/H
	B) Trigger Pull	2.37	2.32	2.39	2.36	2.42	5/10/91	JK
	C) Function						5-10-91	D/H
660	Pack						6-15-91	VF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. C-6611670

DATE 4/30/91

TESTER JLH

TESTED AGAINST (H)

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & RESETTING TO RESET-2.50#		COMMENTS
PULL #1	2.23	2.46	2.55	2.37	MIN. SETTING,
PULL #2	2.48	2.48	2.45	2.32	NO AVG. OF 5
PULL #3	2.49	2.45	2.50	2.39	READINGS ACCEPT-
PULL #4	2.43	2.49	2.51	2.36	ABLE LESS THAN 2#
PULL #5	2.48	2.53	2.51	2.42	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES			COMMENTS
PULL #1	3.29	3.45			
PULL #2	3.32	3.26			
PULL #3	3.31	3.34			
PULL #4	3.28	3.31			
PULL #5	3.26	3.33			
TOTAL					
AVG.					

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.18	4.36		4.39
PULL #2	4.22	4.39		4.43
PULL #3	4.39	4.40		4.23
PULL #4	4.39	4.41		4.43
PULL #5	4.43	4.41		4.38
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611670
3 May 1991

CENTROIDAL DISTANCES

0 TO 1	.277483
1 TO 2	.304646
1 TO 3	.0762365
1 TO 4	.287005
1 TO 5	.219347

4P <----POB

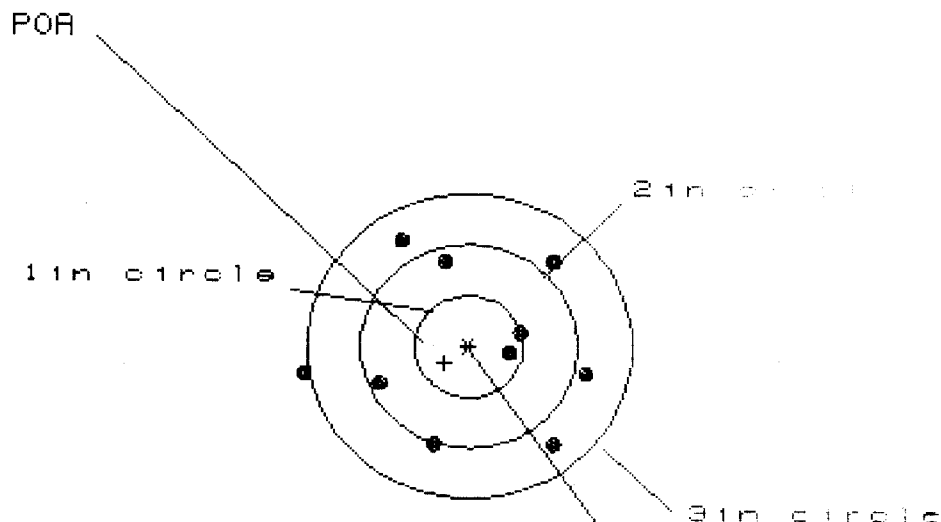
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS:
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS:
THE RESULTING AVERAGE POI RADIUS FOR THE

THE AMR FOR THIS RIFLE IS: .924

3 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6511670

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1in = 2

2in = 5

3in = 9

HS = 2.565

VS = 1.950

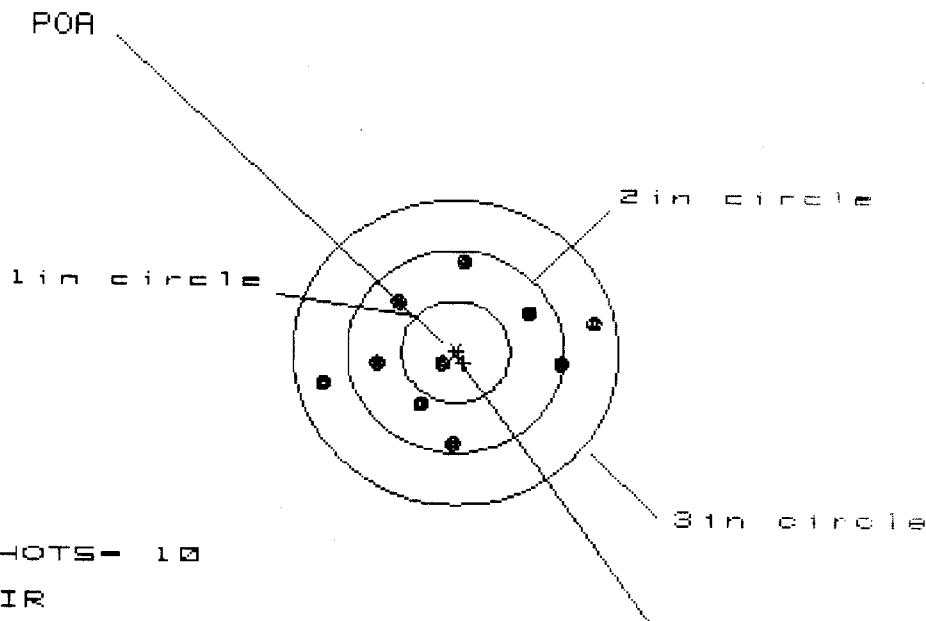
GS = 2.565

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	9
MAXIMUM X	1.085	.920	.998
MINIMUM X	-1.480	-.969	-1.091
MAXIMUM Y	.999	.967	.844
MINIMUM Y	-.951	-.983	-1.009
CENTROID X	.226	.391	.313
CENTROID Y	.161	.193	.116
POR TO CENTROID in.	.278	.436	.315
MIN RADIUS	.343	.193	.325
MEAN RADIUS	.977	.883	.850
MAX RADIUS	1.507	1.239	1.156
HORIZONTAL SPREAD	2.565	1.889	1.740
VERTICAL SPREAD	1.950	1.950	1.740
EXTREME SPREAD	2.565	2.399	2.171
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

3 May 1991

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 8

3 in = 10

HS= 2.487

VS= 1.811

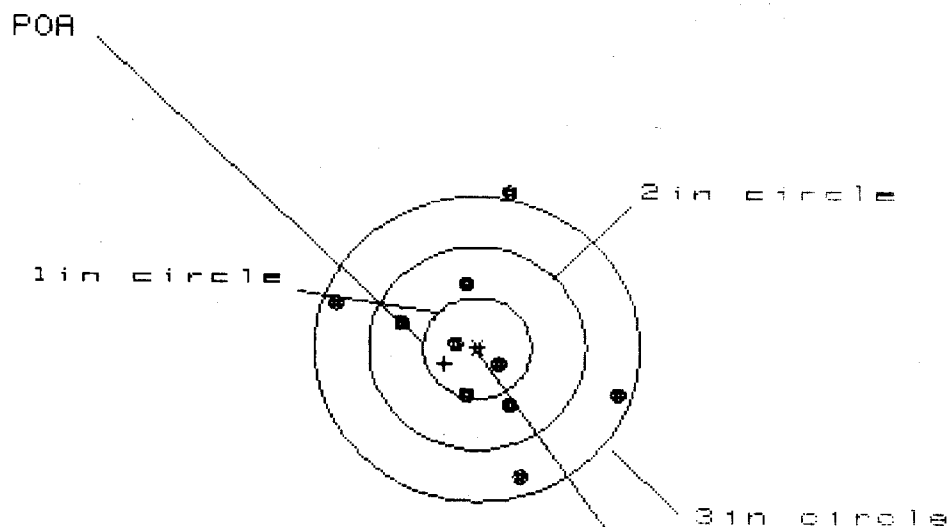
GS= 2.580

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.287	1.080	.948
MINIMUM X	:	-1.200	-1.057	-.753
MAXIMUM Y	:	.884	.921	.883
MINIMUM Y	:	-.927	-.890	-.928
CENTROID X	:	-.074	-.217	-.085
CENTROID Y	:	.108	.071	.109
POA TO CENTROID in.	:	.131	.228	.138
MIN RADIUS	:	.172	.059	.164
MEAN RADIUS	:	.841	.757	.727
MAX RADIUS	:	1.331	1.102	.952
HORIZONTAL SPREAD	:	2.487	2.137	1.701
VERTICAL SPREAD	:	1.811	1.811	1.811
EXTREME SPREAD	:	2.580	2.153	1.815
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	8		
NUMBER IN THREE INCH CIRCLE	=	10		

3 May 1991

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 6

3 in = 9

HS= 2.652

VS= 2.747

GS= 2.815

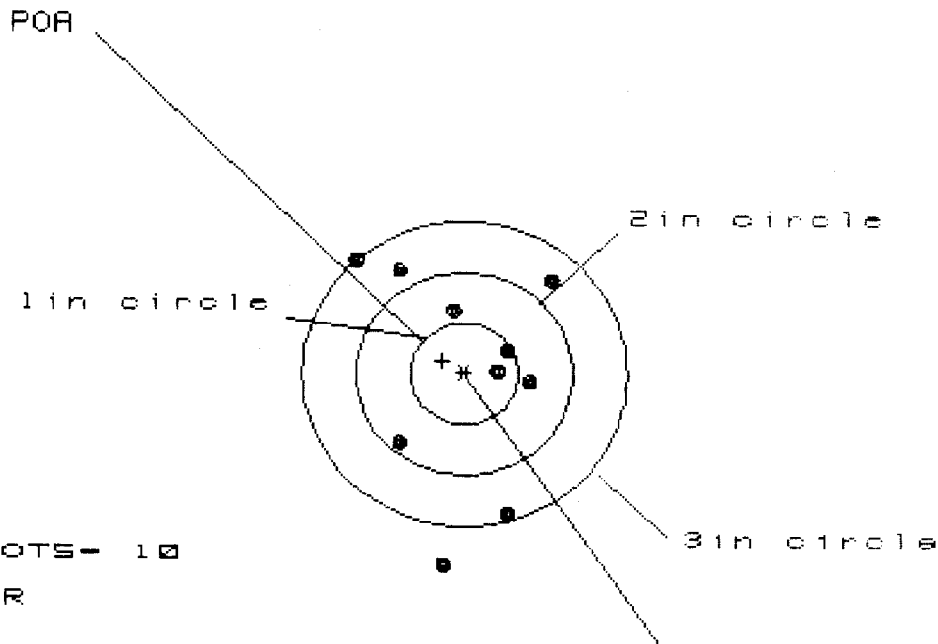
CENTROID #

PATTERN #		10	9	8
SHOTS (BEST OF)		10	9	8
MAXIMUM X		1.324	1.356	.549
MINIMUM X		-1.328	-1.296	-1.127
MAXIMUM Y		1.511	.796	.754
MINIMUM Y		-1.236	-1.068	-1.110
CENTROID X		.302	.270	.101
CENTROID Y		.155	-.013	.029
POA TO CENTROID in.		.339	.270	.105
MIN RADIUS		.250	.226	.212
MEAN RADIUS		.859	.764	.682
MAX RADIUS		1.538	1.431	1.261
HORIZONTAL SPREAD		2.652	2.652	1.676
VERTICAL SPREAD		2.747	1.864	1.864
EXTREME SPREAD		2.815	2.815	2.370
NUMBER IN ONE INCH CIRCLE	=	3		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	9		

3 May 1991

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CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1in = 2

2in = 5

3in = 9

HS= 1.747

VS= 2.970

GS= 3.085

CENTROID *

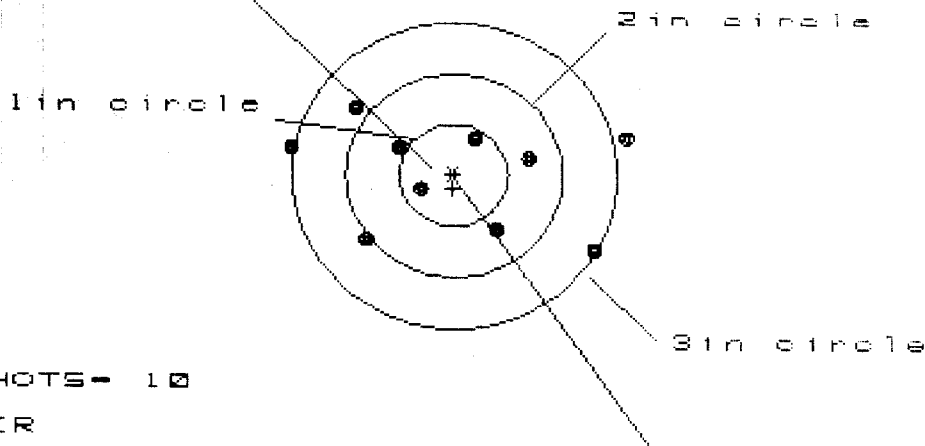
PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.760	.743	.618
MINIMUM X	:	-.987	-1.004	-.757
MAXIMUM Y	:	1.076	.866	.965
MINIMUM Y	:	-1.894	-1.568	-1.460
CENTROID X	:	.202	.219	.344
CENTROID Y	:	-.125	.085	-.023
POA TO CENTROID in.	:	.238	.235	.345
MIN RADIUS	:	.302	.358	.193
MEAN RADIUS	:	1.003	.869	.783
MAX RADIUS	:	1.900	1.603	1.474
HORIZONTAL SPREAD	:	1.747	1.747	1.375
VERTICAL SPREAD	:	2.970	2.434	2.425
EXTREME SPREAD	:	3.085	2.777	2.590
NUMBER IN ONE INCH CIRCLE =	:	2	5	9
NUMBER IN TWO INCH CIRCLE =	:	5	9	8
NUMBER IN THREE INCH CIRCLE =	:	9	8	8

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CENTERFIRE PATTERNS # 5

POA



OF SHOTS - 10

IN CIR

1in = 2

2in = 5

3in = 3

HS = 3.026

VS = 1.395

GS = 3.027

CENTROID *

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.548	1.422	1.258
MINIMUM X	-1.478	-1.385	-1.868
MAXIMUM Y	.643	.680	.718
MINIMUM Y	-.752	-.715	-.677
CENTROID X	.009	-.163	.001
CENTROID Y	.129	.092	.054
POA TO CENTROID in.	.129	.187	.054
MIN RADIUS	.387	.221	.357
MEAN RADIUS	.940	.848	.791
MAX RADIUS	1.583	1.591	1.429
HORIZONTAL SPREAD	3.026	2.727	2.118
VERTICAL SPREAD	1.395	1.395	1.395
EXTREME SPREAD	3.027	2.911	2.536
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		