

06649094

MODEL 700™ M24

Model **SWS**™

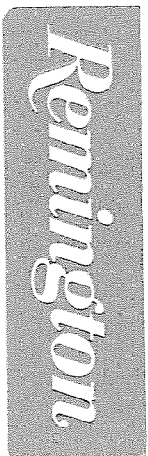
Action

Barrel Length

Capacity

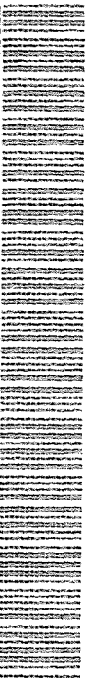
Order No. **5716**

*Includes 1 in chamber.



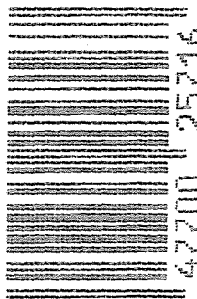
Call
1-800-4-A-REM-00

Remington MODEL 700™ H24		DUPONT REG. U.S. PAT. & TM. OFF.		VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.	
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.		20		SERIAL NO. C6649894	ORDER NO. 5716



5716 C6649894

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6649094

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	7 2 9 1		RW
600	Proof	7 2 9 1		RW
607	Check Headspace	7 2 9 1		RW
610	Dis-assemble Gun	7 2 9 1		RW
612	Magnaflux Barrel Action		JUL 22 1991	GS
	Magnaflux Bolt		JUL 22 1991	GS
615	Rollmark Caliber		JUL 22 1991	GS
617	Drill and Tap Sight Holes		JUL 22 1991	GS
618	Polish Barrel		7/22/91	WB
620	Apply Coatings (Barrel Action)		7/28/91	WB
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/9/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/9/91	RW
	C) Inspect Ejector Hole for Chamfer		8/9/91	RW
	D) Oil Firing Pin Ass'y		8/9/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		8/16/91	WB

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4 $\frac{1}{4}$	4 $\frac{1}{4}$			8-16-91	DH
	G) Safety Off Force	2	2	2 $\frac{1}{4}$			8-16-91	DH
	H) Trigger Pull Test & Retainability						8/16/91	WOB
	I) Firing Pin Indent	.020	.020	.021			8-16-91	DH
	J) Assemble Stock						8/17/91	RW
	K) Assemble Swivel Studs						8-21-91	AC
	L) Attach Front and Rear Sight Assemblies						8/17/91	RW
	M) Iron Sight Alignment						8/17/91	RW
	N) Detach Front & Rear Sights & place in numbered container						8/17/91	RW
	O) Attach Scope to Rifle						8/17/91	RW
	P) Detach & Attach Scope 20 Times						8/17/91	RW
640	Gallery Target & Test						8-19-91	AC
	A) Time						8-19-91	AC
	B) Malfunctions						8-19-91	AC
	C) Pierced Primers						8-19-91	AC
	D) Optical Clarity of Scope						8-19-91	AC
645	Inspect for Live Ammo						8-19-91	AC
655	Final Inspection							
	A) Headspace						8-21-91	AC
	B) Trigger Pull	2.65	2.65	2.61	2.58	2.55	8-21-91	DH
	C) Function						8-21-91	AC
660	Pack						9-16-91	AF

SWS TRIGGER PULL TEST

TIME STA:

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6649094

DATE 8/16/91

TESTER WB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.32	2.35	2.25	2.65	MIN. SETTING
PULL #2	2.23	2.28	2.16	2.65	NO AVG. OF 5
PULL #3	2.32	2.28	2.35	2.61	READINGS ACCEPT-
PULL #4	2.35	2.26	2.34	2.58	ABLE LESS THAN 2#
PULL #5	2.36	2.20	2.21	2.55	
TOTAL	11.58	11.37	11.31		
AVG.	2.32	2.27	2.26		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.29	3.30		
PULL #2	3.23	3.17		
PULL #3	3.23	3.30		
PULL #4	3.36	3.23		
PULL #5	3.36	3.34		
TOTAL	16.47	16.34		
AVG.	3.29	3.27		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.05	4.09		4.32
PULL #2	4.08	4.11		4.26
PULL #3	3.95	4.07		4.13
PULL #4	3.98	4.17		4.35
PULL #5	3.99	4.15		4.00
TOTAL	20.05	20.59		21.06
AVG.	4.01	4.12		4.21

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6649094
22 Aug 1991

CENTROIDAL DISTANCES

0 TO	1	.17243
1 TO	2	.246457
1 TO	3	.247194
1 TO	4	.275726
1 TO	5	.275136

²⁴
35 <----POA

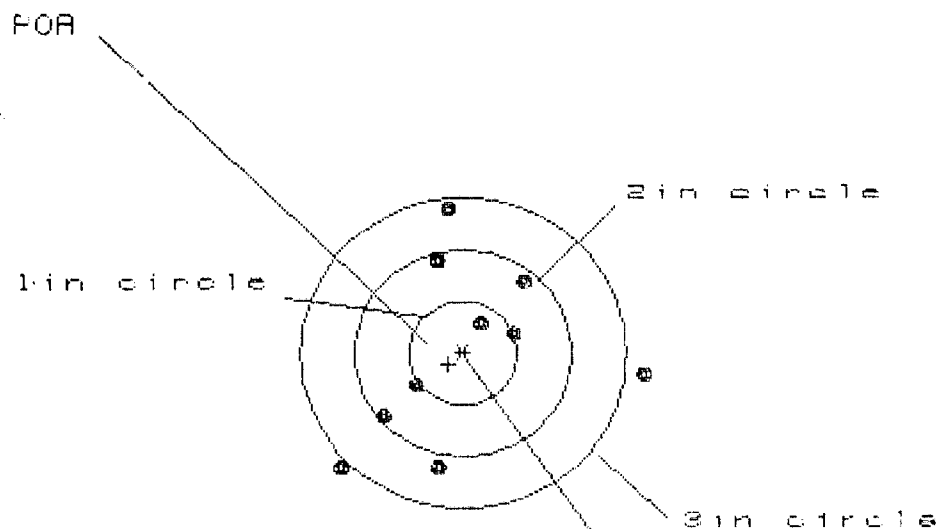
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .156
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .115
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .193807

THE AMP FOR THIS RIFLE IS: 1.018

000001

FILE:/PATTERNING/CENTERFIRE_PATT/C6B49094

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 8

HS= 2.770

VS= 2.471

GS= 2.914

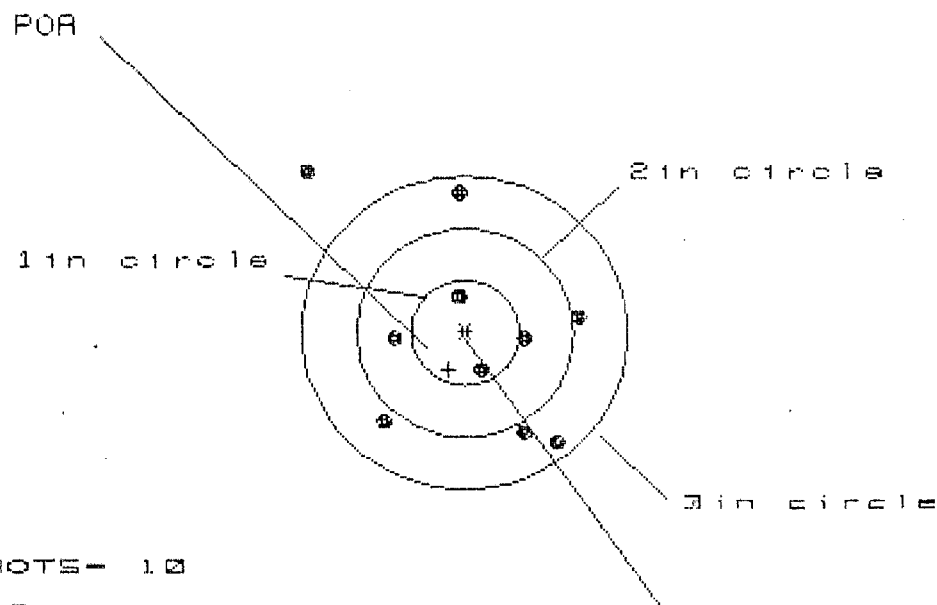
CENTROID +

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.673	.750	.636
MINIMUM X	:	-1.097	-.911	-.683
MAXIMUM Y	:	1.351	1.327	1.185
MINIMUM Y	:	-1.120	-1.144	-1.286
CENTROID X	:	.136	-.050	.064
CENTROID Y	:	.106	.129	.271
POA TO CENTROID in.	:	.172	.138	.278
MIN RADIUS	:	.298	.406	.255
MEAN RADIUS	:	.986	.904	.805
MAX RADIUS	:	1.686	1.458	1.304
HORIZONTAL SPREAD	:	2.770	1.661	1.320
VERTICAL SPREAD	:	2.471	2.471	2.471
EXTREME SPREAD	:	2.914	2.660	2.478
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

931

FILE:/PATTERNING/CENTERFIRE_PATT/C8649094

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 2

2in = 4

3in = 9

HS= 2.542

VS= 2.582

GS= 3.447

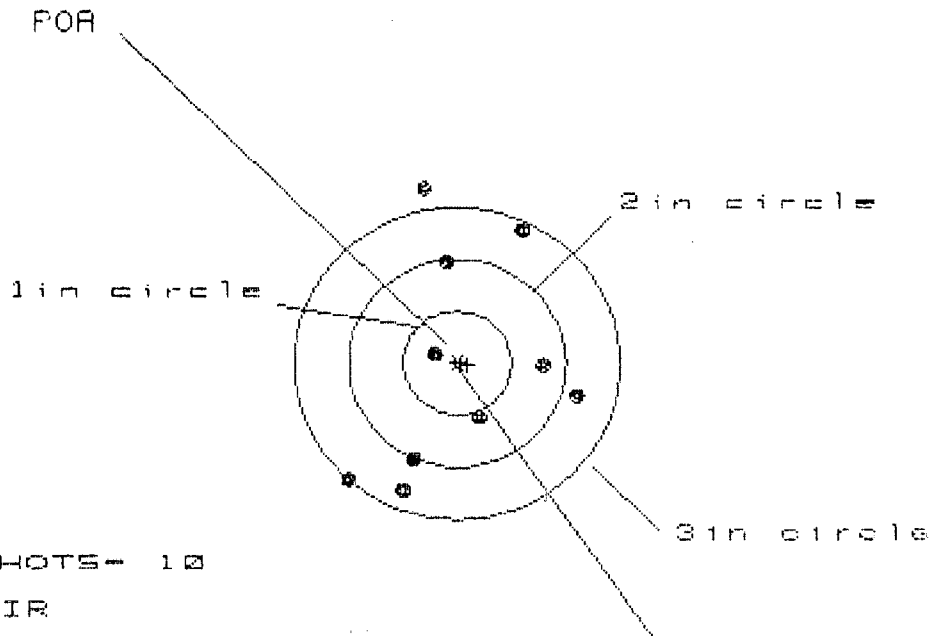
CENTROID +

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.062	.897	.867
MINIMUM X	:	-1.480	-.944	-.974
MAXIMUM Y	:	1.528	1.508	.755
MINIMUM Y	:	-1.054	-.884	-.695
CENTROID X	:	.151	.316	.346
CENTROID Y	:	.352	.182	-.007
POA TO CENTROID in.	:	.383	.364	.346
MIN RADIUS	:	.353	.177	.092
MEAN RADIUS	:	1.014	.851	.747
MAX RADIUS	:	2.128	1.527	1.112
HORIZONTAL SPREAD	:	2.542	1.841	1.841
VERTICAL SPREAD	:	2.582	2.392	1.450
EXTREME SPREAD	:	3.447	2.548	2.123
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			4	
NUMBER IN THREE INCH CIRCLE =			9	

23 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6649094

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 8

HS= 2.117

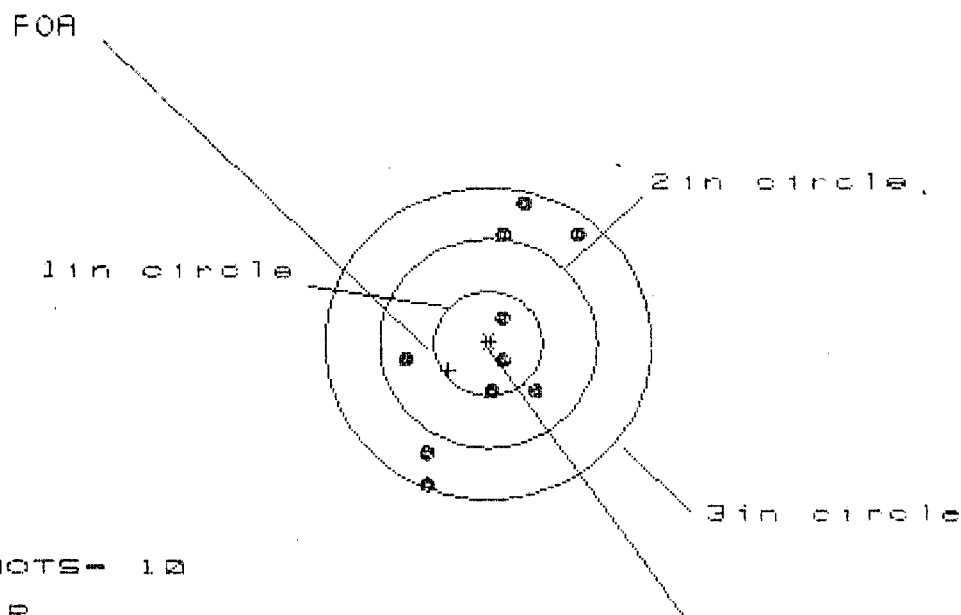
VS= 2.942

GS= 2.948

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.064	1.026	.889
MINIMUM X	:	-1.053	-1.091	-.695
MAXIMUM Y	:	1.707	1.461	1.348
MINIMUM Y	:	-1.236	-1.046	-1.159
CENTROID X	:	-.095	-.057	.079
CENTROID Y	:	.018	-.171	-.058
POA TO CENTROID in.	:	.096	.180	.098
MIN RADIUS	:	.192	.347	.380
MEAN RADIUS	:	1.062	.967	.905
MAX RADIUS	:	1.740	1.569	1.416
HORIZONTAL SPREAD	:	2.117	2.117	1.584
VERTICAL SPREAD	:	2.942	2.507	2.507
EXTREME SPREAD	:	2.948	2.891	2.749
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10
 # IN CIR
 1in = 3
 2in = 5
 3in = 10
 HS= 1.608
 VS= 2.750
 GS= 2.873

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.797	.737	.765
MINIMUM X	:	-.811	-.871	-.843
MAXIMUM Y	:	1.355	1.200	1.079
MINIMUM Y	:	-1.395	-1.198	-1.048
CENTROID X	:	.368	.428	.400
CENTROID Y	:	.255	.410	.260
POA TO CENTROID in.	:	.447	.593	.477
MIN RADIUS	:	.223	.057	.208
MEAN RADIUS	:	.887	.816	.746
MAX RADIUS	:	1.497	1.365	1.286
HORIZONTAL SPREAD	:	1.608	1.608	1.608
VERTICAL SPREAD	:	2.750	2.398	2.127
EXTREME SPREAD	:	2.873	2.555	2.504
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

70 Pgs 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6849084

CENTERFIRE PATTERNS

5

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 1

2 in = 3

3 in = 8

HS= 3.311

VS= 2.556

GS= 3.414

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.682	1.462	1.282
MINIMUM X	-1.629	-1.443	-.817
MAXIMUM Y	1.341	1.301	1.355
MINIMUM Y	-1.215	-1.255	-1.201
CENTROID X	.220	.034	.214
CENTROID Y	-.156	-.116	-.170
POA TO CENTROID in.	.270	.120	.273
MIN RADIUS	.186	.353	.199
MEAN RADIUS	1.141	1.079	1.000
MAX RADIUS	1.720	1.510	1.453
HORIZONTAL SPREAD	3.311	2.905	2.699
VERTICAL SPREAD	2.556	2.556	2.556
EXTREME SPREAD	3.414	3.016	2.876
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		3	
NUMBER IN THREE INCH CIRCLE =		8	