

C6611788

MODEL 700™ M24

Model **S&S**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.



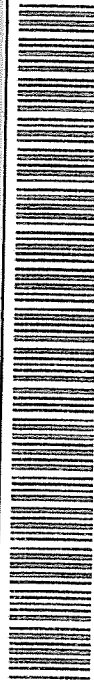
Remington[®] **DUPONT**
REG. U.S. PAT. & TM. OFF.

MODEL 700TM M24

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

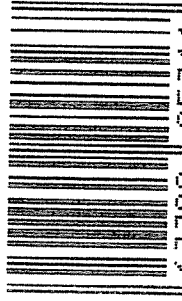
VERY IMPORTANT:
 Instruction Book
 enclosed to assure
 safe use of this
 firearm.

SERIAL NO. C6611788	ORDER NO. 5716
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5716 C6611788

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6611788

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		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	LS
617	Drill and Tap Sight Holes	2 2 91		LB
618	Polish Barrel <i>RBB</i>	2 2 91		WB
620	Apply Coatings (Barrel Action)		2-11-91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		3/5/91	KA
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		3/5/91	KA
	C) Inspect Ejector Hole for Chamfer		3/5/91	KA
	D) Oil Firing Pin Ass'y		3/5/91	KA
	E) Adjust Trigger Pull to Min Setting and Stake		3/7/91	KA

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5 3/4	5 3/4	5 3/4			3/7/91	WLB
	G) Safety Off Force	2	2	2			3/7/91	WLB
	H) Trigger Pull Test & Retainability						3-7-91	8/1
	I) Firing Pin Indent	.022	.022	.022			3/7/91	WLB
	J) Assemble Stock						3/7/91	KL
	K) Assemble Swivel Studs						3-11-91	D/H
	L) Attach Front and Rear Sight Assemblies						3/7/91	KL
	M) Iron Sight Alignment						3/7/91	KL
	N) Detach Front & Rear Sights & place in numbered container						3/7/91	KL
	O) Attach Scope to Rifle						3/7/91	KL
	P) Detach & Attach Scope 20 Times						3/7/91	KL
640	Gallery Target & Test						3-8-91	AC
	A) Time						3-8-91	AC
	B) Malfunctions						3-8-91	AC
	C) Pierced Primers						3-8-91	AC
	D) Optical Clarity of Scope						3-8-91	AC
645	Inspect for Live Ammo						3-8-91	AC
655	Final Inspection							
	A) Headspace						3-11-91	DH
	B) Trigger Pull	2.32	2.43	2.17	2.18	2.16	3/11/91	KL
	C) Function						3-11-91	D/H
660	Pack						3-19-91	NF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6611788

DATE 3-7-91

TESTER JS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.51	2.14	2.30	2.32	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.51	2.26	2.30	2.13	
PULL #3	2.28	2.28	2.20	2.17	
PULL #4	2.30	2.20	2.28	2.18	
PULL #5	2.25	2.21	2.20	2.16	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.45	3.24		
PULL #2	3.40	3.28		
PULL #3	3.33	3.30		
PULL #4	3.32	3.31		
PULL #5	3.31	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	4.40	4.51		4.45
PULL #2	4.49	4.58		4.47
PULL #3	4.54	4.56		4.40
PULL #4	4.24	4.47		4.34
PULL #5	4.54	4.39		4.46
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06611788
8 Mar 1991

CENTROIDAL DISTANCES

0 TO	1	.224984
1 TO	2	.350721
1 TO	3	.540179
1 TO	4	.0443847
1 TO	5	.267372

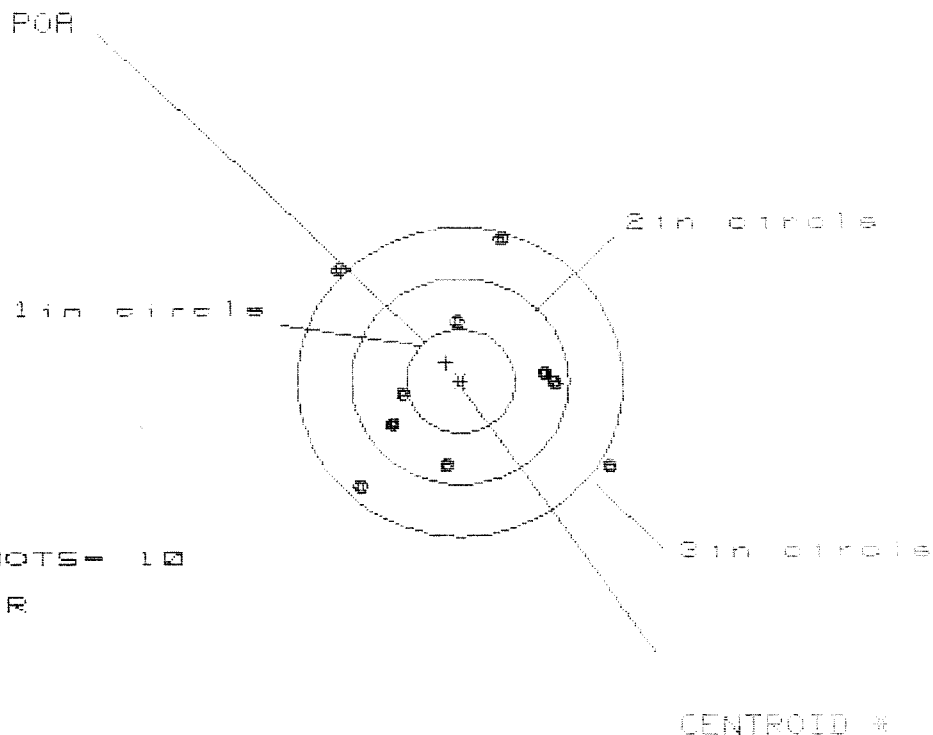
$\begin{smallmatrix} 3 \\ 4 \\ 2 \end{smallmatrix}$ (----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1686
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.082
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .187483
THE AMP FOR THIS RIFLE IS: 1.022

8 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C5B11760

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 8

HS= 2.520

VS= 2.423

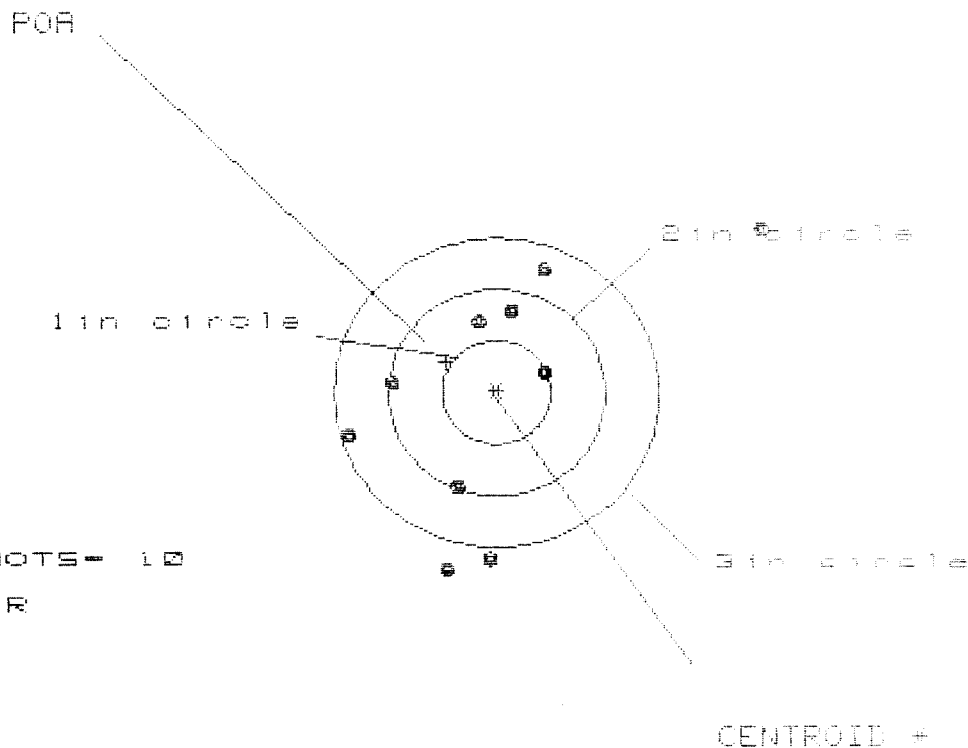
GS= 3.124

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.369	1.057	.932
MINIMUM X	:	-1.151	-.939	-.941
MAXIMUM Y	:	1.423	1.334	1.453
MINIMUM Y	:	-1.000	-1.089	-.970
CENTROID X	:	.128	-.024	.101
CENTROID Y	:	-.185	-.096	-.215
POA TO CENTROID in.	:	.225	.099	.238
MIN RADIUS	:	.493	.373	.462
MEAN RADIUS	:	1.037	.963	.901
MAX RADIUS	:	1.586	1.427	1.502
HORIZONTAL SPREAD	:	2.520	2.056	1.873
VERTICAL SPREAD	:	2.423	2.423	2.423
EXTREME SPREAD	:	3.124	2.760	2.760
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

6 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8811788

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in - 1

2in - 5

3in = 7

HS= 3.728

VS= 3.267

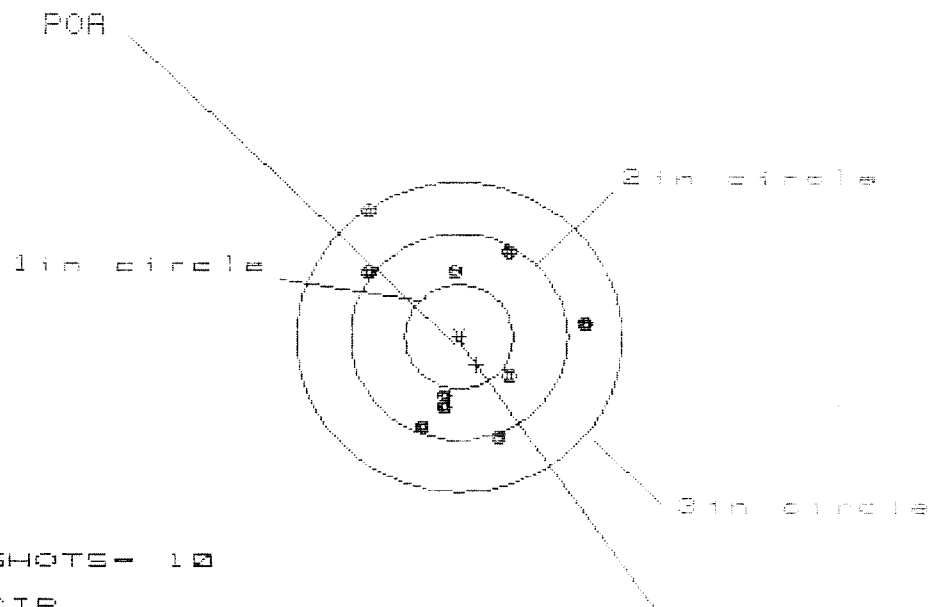
GS= 4.348

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.402	.718	.693
MINIMUM X	:	-1.326	-1.060	-1.085
MAXIMUM Y	:	1.561	1.328	1.136
MINIMUM Y	:	-1.706	-1.532	-1.591
CENTROID X	:	.462	.196	.221
CENTROID Y	:	-.292	-.466	-.274
POA TO CENTROID in.	:	.547	.505	.352
MIN RADIUS	:	.478	.694	.676
MEAN RADIUS	:	1.273	1.076	.990
MAX RADIUS	:	2.865	1.545	1.597
HORIZONTAL SPREAD	:	3.728	1.778	1.778
VERTICAL SPREAD	:	3.267	2.860	2.727
EXTREME SPREAD	:	4.348	3.004	2.783
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

8 Mar 1991

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 5

3 in = 10

HS= 1.987

VS= 2.218

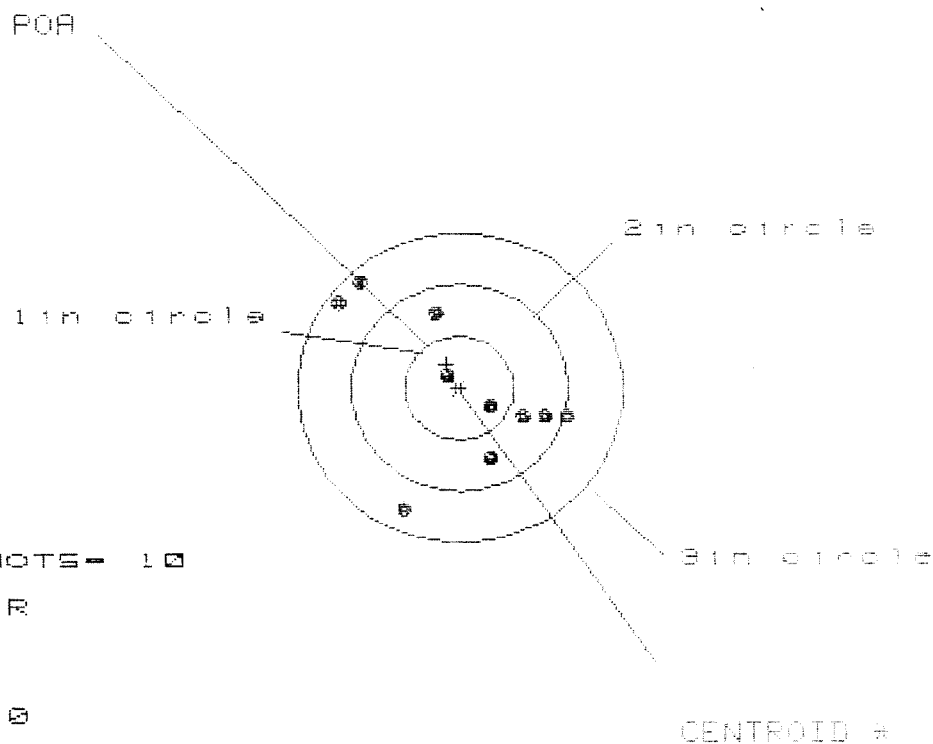
GS= 2.510

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.113	1.019	.539
MINIMUM X	:	-.874	-.968	-.840
MAXIMUM Y	:	1.207	1.005	1.041
MINIMUM Y	:	-1.011	-.877	-.841
CENTROID X	:	-.160	-.066	-.194
CENTROID Y	:	.272	.138	.102
POA TO CENTROID in.	:	.316	.154	.219
MIN RADIUS	:	.624	.469	.462
MEAN RADIUS	:	.926	.838	.796
MAX RADIUS	:	1.472	1.248	1.178
HORIZONTAL SPREAD	:	1.987	1.987	1.379
VERTICAL SPREAD	:	2.218	1.882	1.882
EXTREME SPREAD	:	2.510	2.057	2.057
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in - 2

2in - 6

3in = 10

HS= 2.156

VS= 2.215

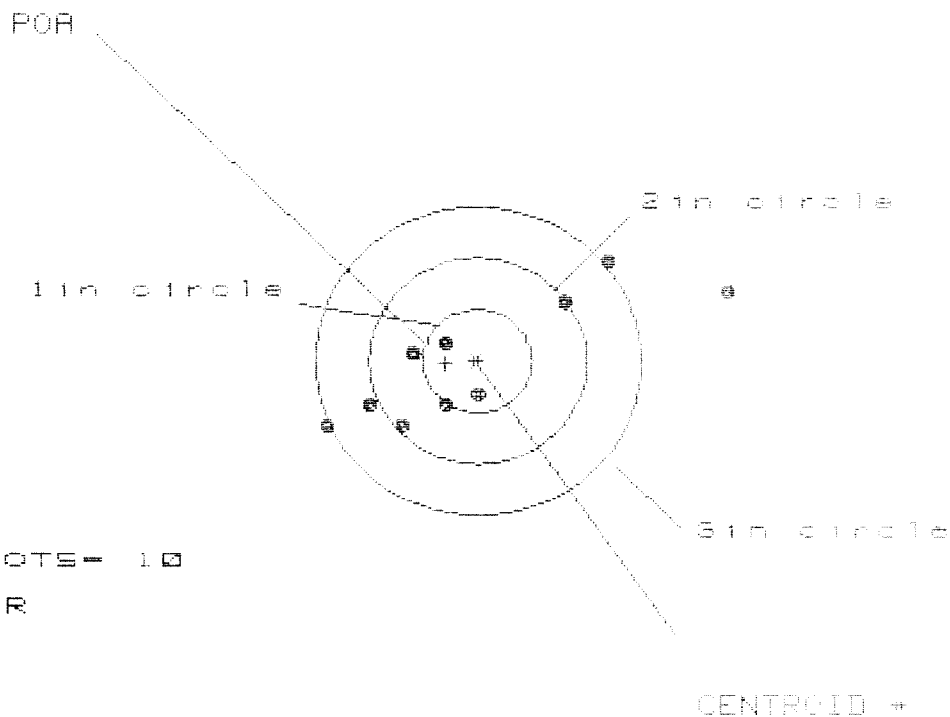
GS= 2.433

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.028	.903	.774
MINIMUM X	:	-1.128	-1.035	-.776
MAXIMUM Y	:	1.034	1.129	.979
MINIMUM Y	:	-1.181	-1.086	-.945
CENTROID X	:	.117	.242	.371
CENTROID Y	:	-.228	-.323	-.464
POA TO CENTROID in.	:	.256	.404	.595
MIN RADIUS	:	.184	.192	.109
MEAN RADIUS	:	.856	.760	.618
MAX RADIUS	:	1.414	1.532	1.223
HORIZONTAL SPREAD	:	2.156	1.938	1.550
VERTICAL SPREAD	:	2.215	2.215	1.924
EXTREME SPREAD	:	2.433	2.339	1.945
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 2

2in = 6

3in = 8

HS= 3.635

VS= 1.627

GS= 3.860

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.279	1.451	1.216
MINIMUM X	:	-1.356	-1.103	-1.922
MAXIMUM Y	:	.969	1.046	.781
MINIMUM Y	:	-.658	-.581	-.451
CENTROID X	:	.296	.043	-.108
CENTROID Y	:	.023	-.054	-.184
POA TO CENTROID in.	:	.297	.069	.231
MIN RADIUS	:	.332	.232	.233
MEAN RADIUS	:	1.023	.790	.624
MAX RADIUS	:	2.382	1.789	1.445
HORIZONTAL SPREAD	:	3.635	2.554	2.137
VERTICAL SPREAD	:	1.627	1.627	1.232
EXTREME SPREAD	:	3.860	2.999	2.440
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	