

C6611602

MODEL 700™ M24

Model **SWS**™

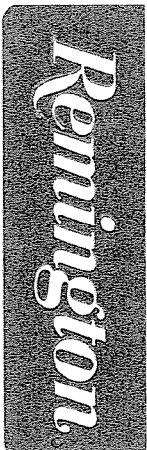
Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Remington®

MODEL 700™ H24

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.

UPPONT
REG. U.S. PAT. & TM. OFF.

SERIAL NO.
C6611602

ORDER NO.
5716

20



5716 C6611602

UPC



0 47700 25716 2

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # **C6611602**

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		3/19/91	K.S.
600	Proof		3/19/91	K.S.
607	Check Headspace		3/19/91	K.S.
610	Dis-assemble Gun		3/19/91	K.S.
612	Magnaflux Barrel Action		3/28/91	KR
	Magnaflux Bolt		11	KR
615	Rollmark Caliber		"	LS
617	Drill and Tap Sight Holes	APR	3 1991	FWB
618	Polish Barrel	APR	3 1991	FWB
620	Apply Coatings (Barrel Action)		4-19-91	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		5/1/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/1/91	KS
	C) Inspect Ejector Hole for Chamfer		5/1/91	KS
	D) Oil Firing Pin Ass'y		5/1/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		5/29/91	D/H

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			5-18-91	AC
	G) Safety Off Force	4	4	4			5-18-91	AC
	H) Trigger Pull Test & Retainability						5-17-91	DH
	I) Firing Pin Indent	.021	.021	.022			5-18-91	AC
	J) Assemble Stock						5/17/91	KS
	K) Assemble Swivel Studs						5-20-91	D/H
	L) Attach Front and Rear Sight Assemblies						5/17/91	KS
	M) Iron Sight Alignment						5/17/91	KS
	N) Detach Front & Rear Sights & place in numbered container						5/17/91	KS
	O) Attach Scope to Rifle						5/17/91	KS
	P) Detach & Attach Scope 20 Times						5/17/91	KS
640	Gallery Target & Test						5-18-91	AF
	A) Time						"	AF
	B) Malfunctions						"	AF
	C) Pierced Primers						"	AF
	D) Optical Clarity of Scope						"	AF
645	Inspect for Live Ammo						5-18-91	AF
655	Final Inspection							
	A) Headspace						5-20-91	D/H
	B) Trigger Pull	2.55	2.45	2.40	2.38	2.34	5/20/91	9/1
	C) Function						5-20-91	D/H
660	Pack						6-18-91	AF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. CG611602

DATE 5-17-91

TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.36	2.37	2.54	2.55	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.54	2.38	2.18	2.45	
PULL #3	2.56	2.41	2.50	2.40	
PULL #4	2.52	2.44	2.51	2.38	
PULL #5	2.52	2.39	2.53	2.34	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.24	3.21		
PULL #2	3.18	3.00		
PULL #3	3.03	3.21		
PULL #4	3.23	3.22		
PULL #5	3.18	3.21		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.05	4.24		4.15
PULL #2	4.01	4.20		4.00
PULL #3	4.26	4.17		4.02
PULL #4	4.26	4.21		4.15
PULL #5	4.20	4.20		4.13
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06611602
18 May 1991

CENTROIDAL DISTANCES

0 TO	1	.160515
1 TO	2	.410505
1 TO	3	.148223
1 TO	4	.144682
1 TO	5	.318812

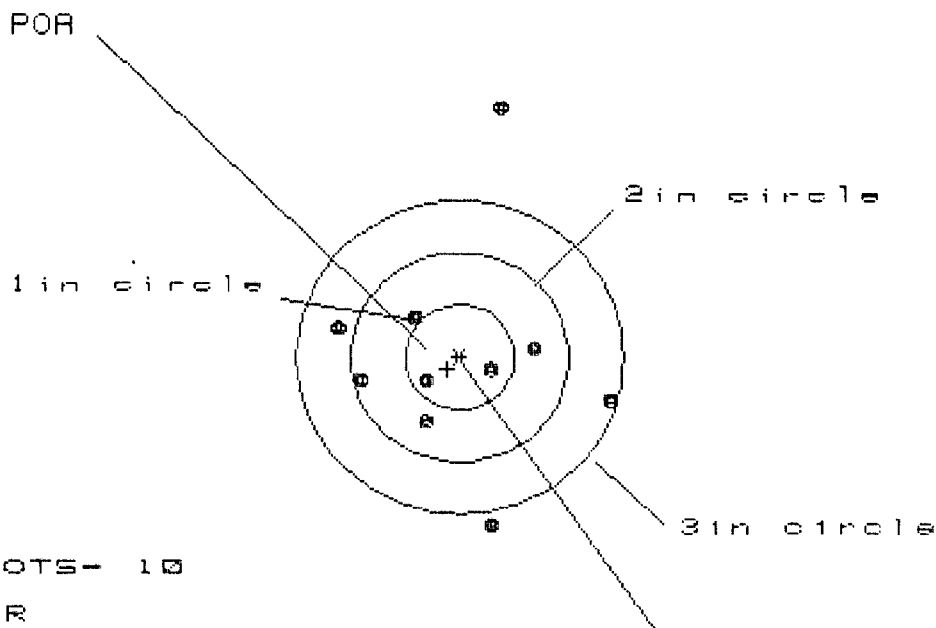
<----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0392
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.069
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0793577
THE AMR FOR THIS RIFLE IS: .8258

16 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06611602

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 6

3 in = 8

HS= 2.416

VS= 4.035

GS= 4.035

CENTROID #

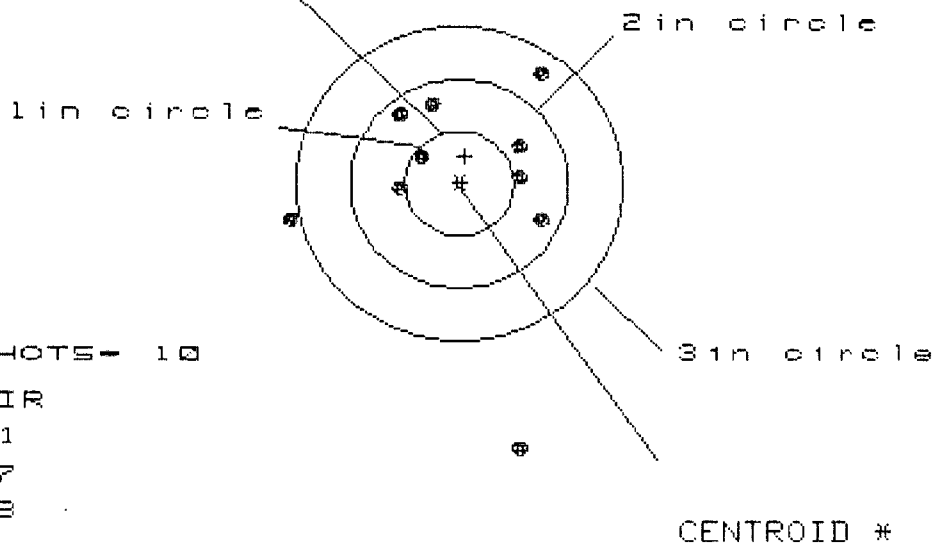
PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.351	1.393	1.438
MINIMUM X	:	-1.065	-1.023	-.978
MAXIMUM Y	:	2.406	.624	.454
MINIMUM Y	:	-1.629	-1.362	-.521
CENTROID X	:	.114	.072	.027
CENTROID Y	:	.113	-.154	.016
POR TO CENTROID in.	:	.161	.171	.031
MIN RADIUS	:	.310	.280	.278
MEAN RADIUS	:	1.023	.837	.747
MAX RADIUS	:	2.435	1.409	1.470
HORIZONTAL SPREAD	:	2.416	2.416	2.416
VERTICAL SPREAD	:	4.035	1.986	.975
EXTREME SPREAD	:	4.035	2.513	2.513
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

18 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611682

CENTERFIRE PATTERNS # 2

POA



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 7

3 in = 8

HS = 2.236

VS = 3.534

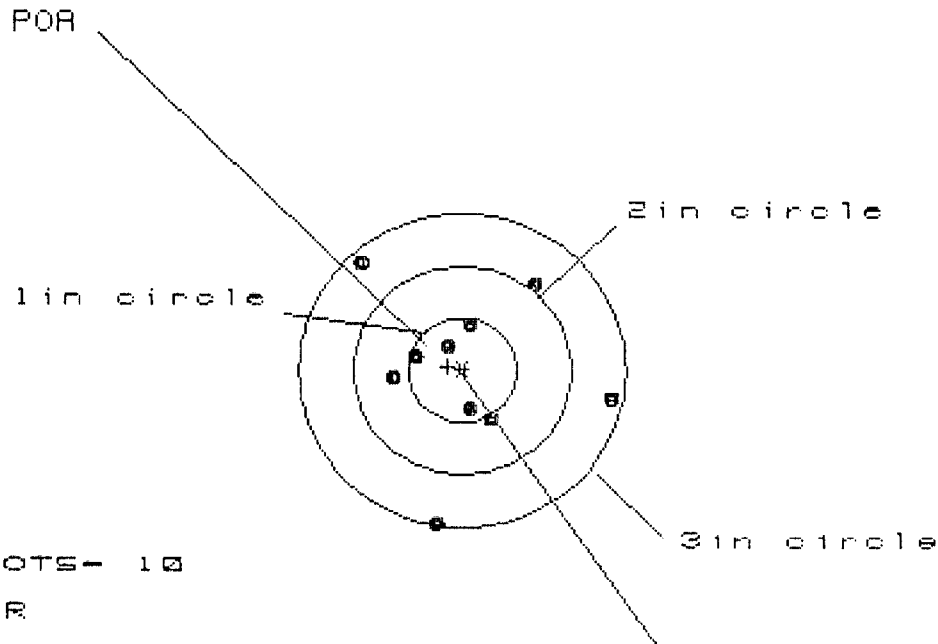
GS = 3.537

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.729	.794	.614
MINIMUM X	:	-1.507	-1.442	-.634
MAXIMUM Y	:	1.034	.757	.683
MINIMUM Y	:	-2.500	-.642	-.716
CENTROID X	:	-.053	-.110	.062
CENTROID Y	:	-.262	.015	.089
POA TO CENTROID in.	:	.268	.119	.108
MIN RADIUS	:	.461	.298	.403
MEAN RADIUS	:	1.002	.766	.658
MAX RADIUS	:	2.569	1.556	.928
HORIZONTAL SPREAD	:	2.236	2.236	1.248
VERTICAL SPREAD	:	3.534	1.399	1.399
EXTREME SPREAD	:	3.537	2.608	1.654
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

18 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611682

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1 in = 4

2 in = 6

3 in = 10

HS = 2.265

VS = 2.484

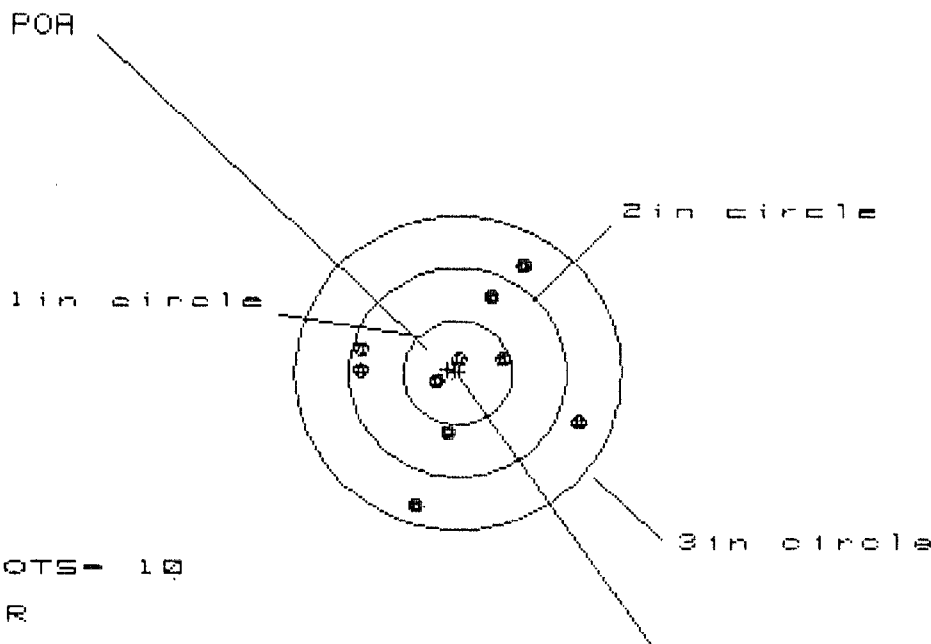
GS = 2.594

PATTERN #	:	3	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.332	1.311	1.192
MINIMUM X	:	-.933	-.954	-.810
MAXIMUM Y	:	1.008	.844	.820
MINIMUM Y	:	-1.476	-.603	-.498
CENTROID X	:	.133	.154	.273
CENTROID Y	:	-.034	.130	.025
POA TO CENTROID in.	:	.137	.202	.274
MIN RADIUS	:	.253	.165	.317
MEAN RADIUS	:	.795	.707	.649
MAX RADIUS	:	1.488	1.370	1.227
HORIZONTAL SPREAD	:	2.265	2.265	2.002
VERTICAL SPREAD	:	2.484	1.447	1.318
EXTREME SPREAD	:	2.594	2.583	2.006
NUMBER IN ONE INCH CIRCLE	=	4		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	10		

18 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611682

CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1 in - 3

2 in - 7

3 in - 10

HS = 1.987

VS = 2.282

GS = 2.507

CENTROID #

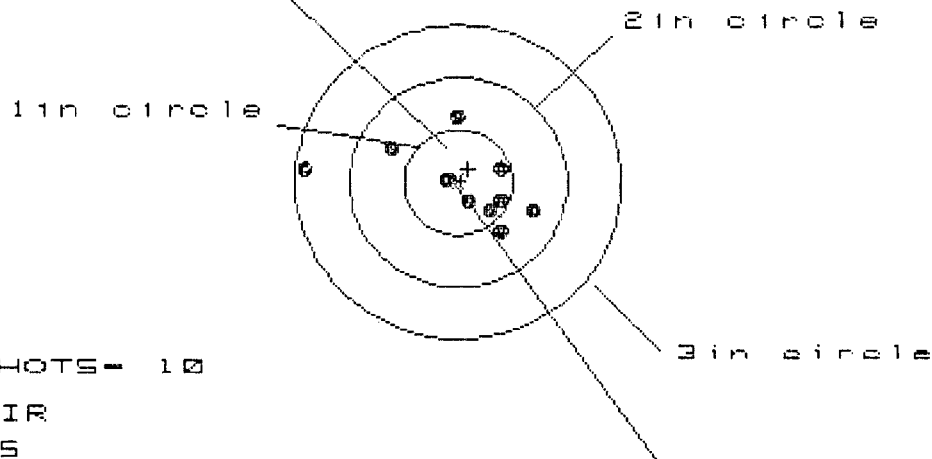
PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.064	1.018	1.090
MINIMUM X	:	-.923	-.969	-.897
MAXIMUM Y	:	1.037	.899	.729
MINIMUM Y	:	-1.245	-.711	-.599
CENTROID X	:	.092	.138	.066
CENTROID Y	:	-.030	.108	-.005
POA TO CENTROID in.	:	.097	.176	.067
MIN RADIUS	:	.099	.058	.100
MEAN RADIUS	:	.760	.692	.633
MAX RADIUS	:	1.312	1.168	1.183
HORIZONTAL SPREAD	:	1.987	1.987	1.987
VERTICAL SPREAD	:	2.282	1.610	1.328
EXTREME SPREAD	:	2.507	2.106	2.106
NUMBER IN ONE INCH CIRCLE	=	3		
NUMBER IN TWO INCH CIRCLE	=	7		
NUMBER IN THREE INCH CIRCLE	=	10		

18 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611682

CENTERFIRE PATTERNS # 5

POA



OF SHOTS - 10

IN CIR

1in = 5

2in = 9

3in = 10

HS = 2.150

VS = 1.110

GS = 2.183

CENTROID *

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.722	.563	.270
MINIMUM X	-1.428	-.752	-.682
MAXIMUM Y	.631	.646	.616
MINIMUM Y	-.479	-.464	-.494
CENTROID X	-.090	.068	-.002
CENTROID Y	-.132	-.147	-.117
POA TO CENTROID in.	.160	.162	.117
MIN RADIUS	.087	.144	.141
MEAN RADIUS	.549	.419	.400
MAX RADIUS	1.434	.845	.769
HORIZONTAL SPREAD	2.150	1.315	.952
VERTICAL SPREAD	1.110	1.110	1.110
EXTREME SPREAD	2.183	1.454	1.376
NUMBER IN ONE INCH CIRCLE =	5		
NUMBER IN TWO INCH CIRCLE =	9		
NUMBER IN THREE INCH CIRCLE =	10		