

C6649269

MODEL 700™ M24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

M2400067184

CONFIDENTIAL -SUBJECT TO PROTECTIVE ORDER

Smith & Wesson®

Remington®
REG. U.S. PAT. & TM. OFF.

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.

DUPONT

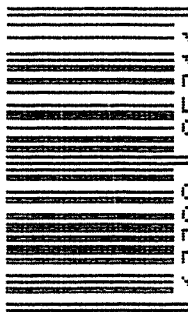
SERIAL NO.
C6649269

ORDER NO.
5716

20

5716 C6649269

UPC



0 47700 25716 7

GUN SERIAL # C6649269

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	7 2 9 1		REW
600	Proof	7 2 9 1		REW
607	Check Headspace	7 2 9 1		REW
610	Dis-assemble Gun	7 2 9 1		REW
612	Magnaflux Barrel Action		JUL 22 1991	LS
	Magnaflux Bolt		JUL 22 1991	LS
615	Rollmark Caliber		JUL 22 1991	LS
617	Drill and Tap Sight Holes		JUL 22 1991	LB
618	Polish Barrel		7/22/91	WB
620	Apply Coatings (Barrel Action)		7/22/91	LB
	Apply Coating (Bolt)		7/22/91	LB
625	Final Assembly			
	A) Clean inside of Bolt Assembly		8/9/91	REW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/9/91	REW
	C) Inspect Ejector Hole for Chamfer		8/9/91	REW
	D) Oil Firing Pin Ass'y		8/9/91	REW
	E) Adjust Trigger Pull to Min Setting and Stake		8-12-91	DH

Op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			8-13-91	D/H
	G) Safety Off Force	3	3	3			8-13-91	D/H
	H) Trigger Pull Test & Retainability						8-12-91	D/H
	I) Firing Pin Indent	.022	.022	.021			8-13-91	D/H
	J) Assemble Stock						8-13-91	RW
	K) Assemble Swivel Studs						8-14-91	D/H
	L) Attach Front and Rear Sight Assemblies						8-13-91	RW
	M) Iron Sight Alignment						8-13-91	RW
	N) Detach Front & Rear Sights & place in numbered container						8-13-91	RW
	O) Attach Scope to Rifle						8-13-91	RW
	P) Detach & Attach Scope 20 Times						8-13-91	RW
640	Gallery Target & Test						8-13-91	D/H
	A) Time						8-13-91	D/H
	B) Malfunctions						8-13-91	D/H
	C) Pierced Primers						8-13-91	D/H
	D) Optical Clarity of Scope						8-13-91	D/H
645	Inspect for Live Ammo						8-13-91	D/H
655	Final Inspection						8-14-91	D/H
	A) Headspace						8-14-91	D/H
	B) Trigger Pull	2.40	2.43	2.46	2.53	2.55	8-14-91	JCL
	C) Function						8-14-91	D/H
660	Pack						9-16-91	AF

SWS TRIGGER PULL TEST

TIME 17:00

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO C-6649 269

DATE 8-13-91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.51	2.39	2.53	2.40	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.41	2.49	2.51	2.43	
PULL #3	2.37	2.41	2.48	2.46	
PULL #4	2.31	2.50	2.46	2.53	
PULL #5	2.36	2.49	2.51	2.55	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.19	3.20		
PULL #2	3.19	3.16		
PULL #3	3.19	3.14		
PULL #4	3.20	3.14		
PULL #5	3.19	3.20		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.21	4.25		4.28
PULL #2	4.20	4.26		4.37
PULL #3	4.31	4.24		4.31
PULL #4	4.25	4.34		4.31
PULL #5	4.20	4.23		4.42
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6649269
22 Aug 1991

CENTROIDAL DISTANCES

0 TO	1	.243805
1 TO	2	.105948
1 TO	3	.0775242
1 TO	4	.304923
1 TO	5	.382027

50 (----POA

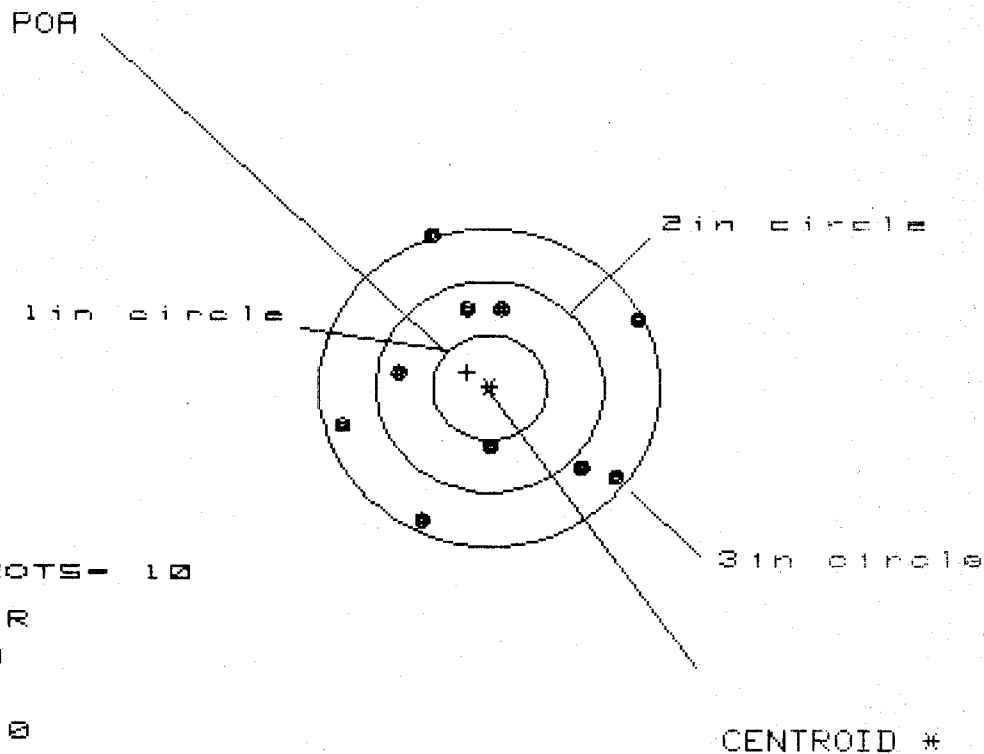
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0444
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1686
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .174349
THE ANG FOR THIS RIFLE IS: .9738

22 Aug 1981

FILE:/PATTERNING/CENTERFIRE_PATT/C8649269

CENTERFIRE PATTERNS

1



OF SHOTS- 10

IN CIR

1in - 0

2in - 4

3in = 10

HS- 2.633

VS- 2.696

GS- 2.790

PATTERN #	:			
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.337	1.280	1.180
MINIMUM X	:	-1.296	-1.353	-1.193
MAXIMUM Y	:	1.403	.942	1.038
MINIMUM Y	:	-1.292	-1.137	-1.040
CENTROID X	:	.196	.253	.092
CENTROID Y	:	-.145	-.300	-.397
POA TO CENTROID in.	:	.244	.392	.407
MIN RADIUS	:	.550	.393	.327
MEAN RADIUS	:	1.113	1.062	.990
MAX RADIUS	:	1.492	1.493	1.319
HORIZONTAL SPREAD	:	2.633	2.633	2.373
VERTICAL SPREAD	:	2.696	2.079	2.079
EXTREME SPREAD	:	2.790	2.790	2.431
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		10	

22 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6B49269

CENTERFIRE PATTERNS

2

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 1

2in = 8

3in = 9

HS= 2.320

VS= 1.619

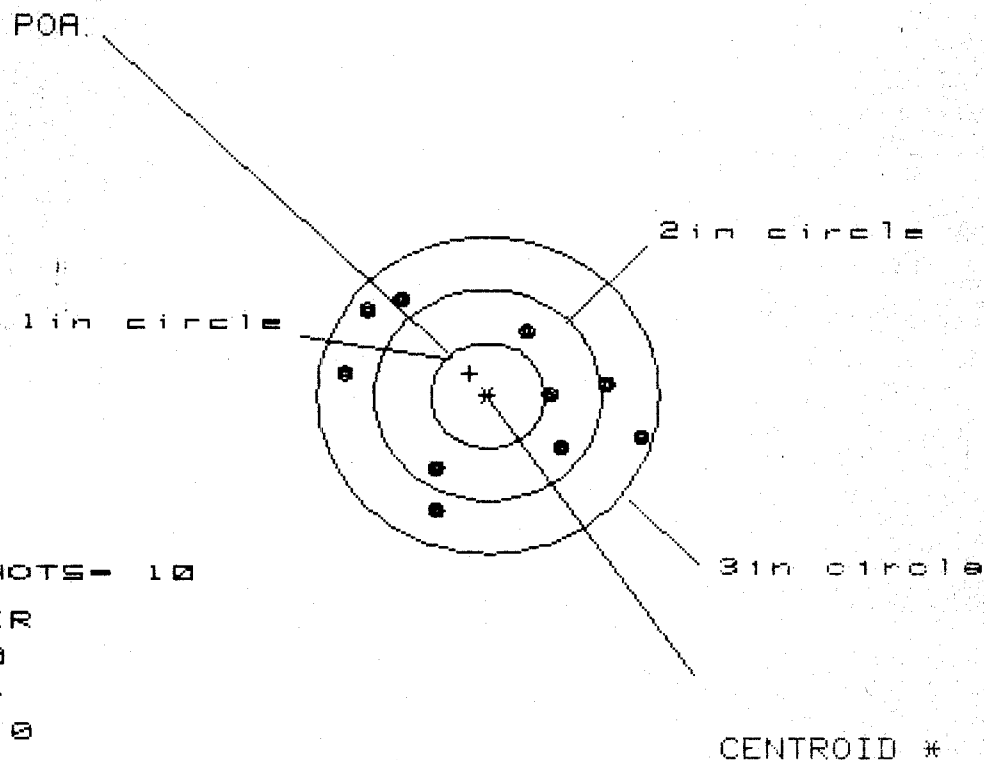
GS= 2.367

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.294	.552	.441
MINIMUM X	:	-1.026	-.882	-.569
MAXIMUM Y	:	.745	.648	.585
MINIMUM Y	:	-.874	-.910	-.973
CENTROID X	:	.096	-.048	.063
CENTROID Y	:	-.110	-.013	.050
POA TO CENTROID in.	:	.146	.049	.080
MIN RADIUS	:	.379	.448	.462
MEAN RADIUS	:	.805	.706	.650
MAX RADIUS	:	1.562	1.014	1.002
HORIZONTAL SPREAD	:	2.320	1.434	1.010
VERTICAL SPREAD	:	1.619	1.558	1.558
EXTREME SPREAD	:	2.367	1.825	1.684
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	8		
NUMBER IN THREE INCH CIRCLE	=	9		

22 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6649269

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in - 0

2 in - 4

3 in - 10

HS- 2.534

VS- 1.961

GS- 2.639

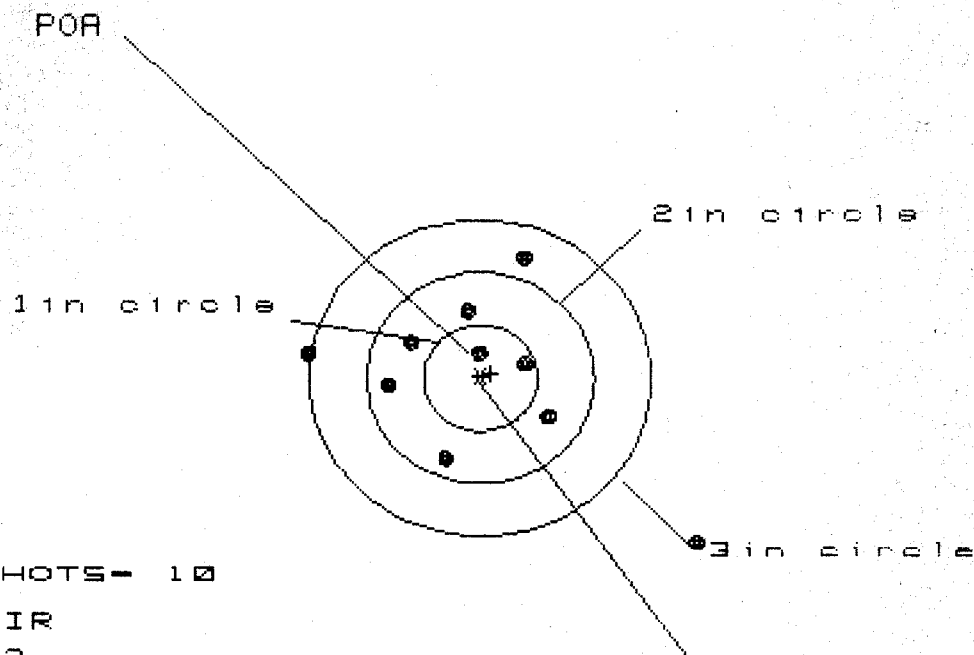
PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.298	1.162	1.051
MINIMUM X	:	-1.236	-1.091	-1.202
MAXIMUM Y	:	.871	.824	.921
MINIMUM Y	:	-1.090	-1.137	-1.040
CENTROID X	:	.157	.012	.123
CENTROID Y	:	-.212	-.165	-.262
POA TO CENTROID in.	:	.263	.166	.289
MIN RADIUS	:	.509	.655	.546
MEAN RADIUS	:	1.017	.982	.937
MAX RADIUS	:	1.365	1.177	1.226
HORIZONTAL SPREAD	:	2.534	2.253	2.253
VERTICAL SPREAD	:	1.961	1.961	1.961
EXTREME SPREAD	:	2.639	2.254	2.254
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	10		

22 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6649269

CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1in - 2

2in - 7

3in - 9

HS- 3.386

VS- 2.792

GS- 3.850

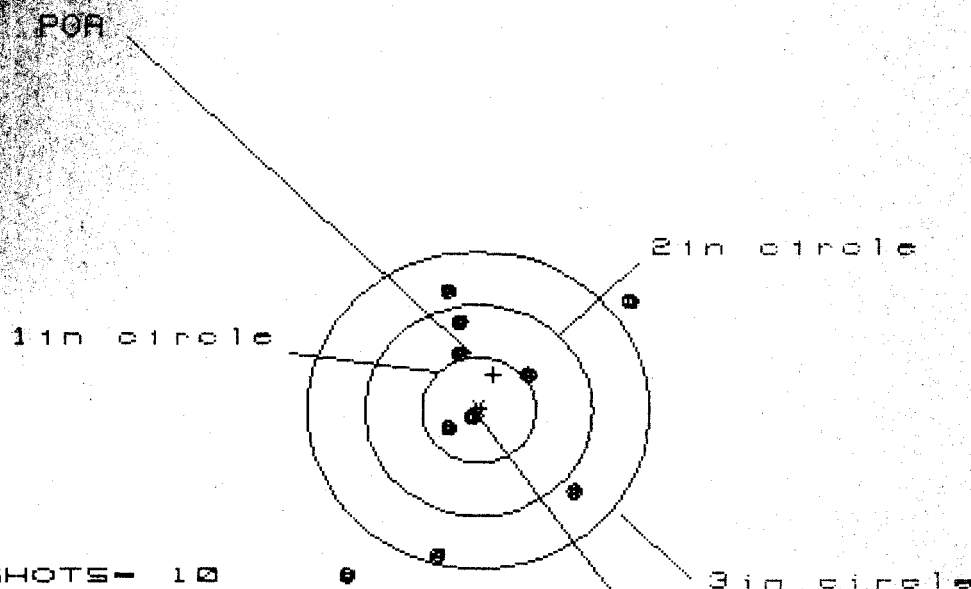
CENTROID *

PATTERN #	:			
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.905	.777	.618
MINIMUM X	:	-1.481	-1.269	-.777
MAXIMUM Y	:	1.185	1.006	1.012
MINIMUM Y	:	-1.607	-.889	-.883
CENTROID X	:	-.091	-.303	-.144
CENTROID Y	:	-.042	.137	.131
POA TO CENTROID in.	:	.100	.333	.195
MIN RADIUS	:	.254	.231	.100
MEAN RADIUS	:	.963	.755	.670
MAX RADIUS	:	2.493	1.270	1.118
HORIZONTAL SPREAD	:	3.386	2.046	1.395
VERTICAL SPREAD	:	2.792	1.895	1.895
EXTREME SPREAD	:	3.850	2.142	2.045
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			7	
NUMBER IN THREE INCH CIRCLE =			9	

22 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6649263

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 2.428

VS= 2.679

GS= 3.573

CENTROID #

PATTERN #	:			
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.292	1.166	.815
MINIMUM X	:	-1.136	-.506	-.361
MAXIMUM Y	:	1.133	.961	1.074
MINIMUM Y	:	-1.546	-1.495	-1.382
CENTROID X	:	-.136	-.010	-.155
CENTROID Y	:	-.334	-.162	-.275
POA TO CENTROID in.	:	.360	.162	.316
MIN RADIUS	:	.124	.332	.176
MEAN RADIUS	:	.971	.855	.760
MAX RADIUS	:	1.919	1.578	1.428
HORIZONTAL SPREAD	:	2.428	1.672	1.176
VERTICAL SPREAD	:	2.679	2.456	2.456
EXTREME SPREAD	:	3.573	2.923	2.457
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	