C663610J

MODEL 700™ M24

Model SWS™

Action

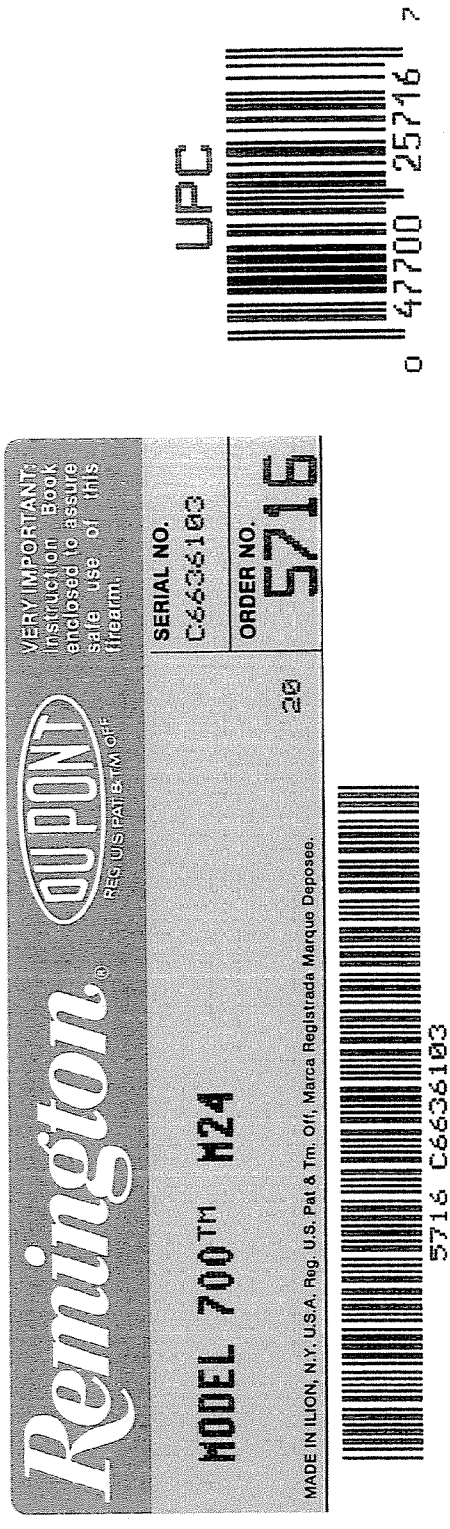
Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington®


Remington
DUPONT
REG. U.S. PAT. & TM. OFF.
VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700™ M24
SERIAL NO.
C6636103
ORDER NO.
5716
20
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off., Marca Registrada Marque Deposee.
5716 C6636103
UPC
0 47700 25716 7

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # CC636103

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	4 8	91	RW
600	Proof	4 8	91	RW
607	Check Headspace	4 8	91	RW
610	Dis-assemble Gun	4 8	91	RW
612	Magnaflux Barrel Action	APR	9 1991	KR
	Magnaflux Bolt	APR	9 1991	KR
615	Rollmark Caliber	APR	9 1991	GL
617	Drill and Tap Sight Holes	APR	1 9 1991	GL
618	Polish Barrel	APR	1 9 1991	GL
620	Apply Coatings (Barrel Action)		5/10/91	RW
	Apply Coating (Bolt)		5/10/91	RW
625	Final Assembly A) Clean inside of Bolt Assembly		5/10/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/10/91	RW
	C) Inspect Ejector Hole for Chamfer		5/10/91	RW
	D) Oil Firing Pin Ass'y		5/10/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5-16-91	RW

BARBER - M24 0037735

Op. #	OP. NAME	READINGS	DATE	INIT
625 cont.	F) Safety On Force	5 | 5 | 5	5-17-91	AC
	G) Safety Off Force	3 | 4 | 3	5-17-91	AC
	H) Trigger Pull Test & Retainability		5-16-91	DH
	I) Firing Pin Indent	.021 | .020 | .020	5-17-91	AC
	J) Assemble Stock		5/25/91	RW
	K) Assemble Swivel Studs		6-1-91	DH
	L) Attach Front and Rear Sight Assemblies		5/25/91	RW
	M) Iron Sight Alignment		5/25/91	RW
	N) Detach Front & Rear Sights & place in numbered container		5/25/91	RW
	O) Attach Scope to Rifle		5/25/91	RW
	P) Detach & Attach Scope 20 Times		5/25/91	RW
640	Gallery Target & Test		5-28-91	NF
	A) Time		"	NF
	B) Malfunctions		"	NF
	C) Pierced Primers		"	NF
	D) Optical Clearity of Scope		"	NF
645	Inspect for Live Ammo		5-28-91	NF
655	Final Inspection A) Headspace		6-1-91	DH
	B) Trigger Pull	2.58 | 2.56 | 2.55 | 2.55 | 2.62	6/1/91	DH
	C) Function		6-1-91	DH
660	Pack		6-20-91	NF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. C663603

DATE 5-16-91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.48	2.41	2.34	2.58	MIN. SETTING,
PULL #2	2.47	2.38	2.36	2.55	NO AVG. OF 5
PULL #3	2.45	2.31	2.47	2.53	READINGS ACCEPT-
PULL #4	2.34	2.33	2.40	2.55	ABLE LESS THAN 2#
PULL #5	2.44	2.35	2.41	2.62	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.44	3.55		
PULL #2	3.30	3.24		
PULL #3	3.54	3.59		
PULL #4	3.58	3.56		
PULL #5	3.57	3.54		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.35	4.43		4.55
PULL #2	4.24	4.44		4.37
PULL #3	4.37	4.35		4.42
PULL #4	4.31	4.35		4.32
PULL #5	4.41	4.32		4.37
TOTAL				
AVG.				

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6636103
28 May 1991

CENTROIDAL DISTANCES

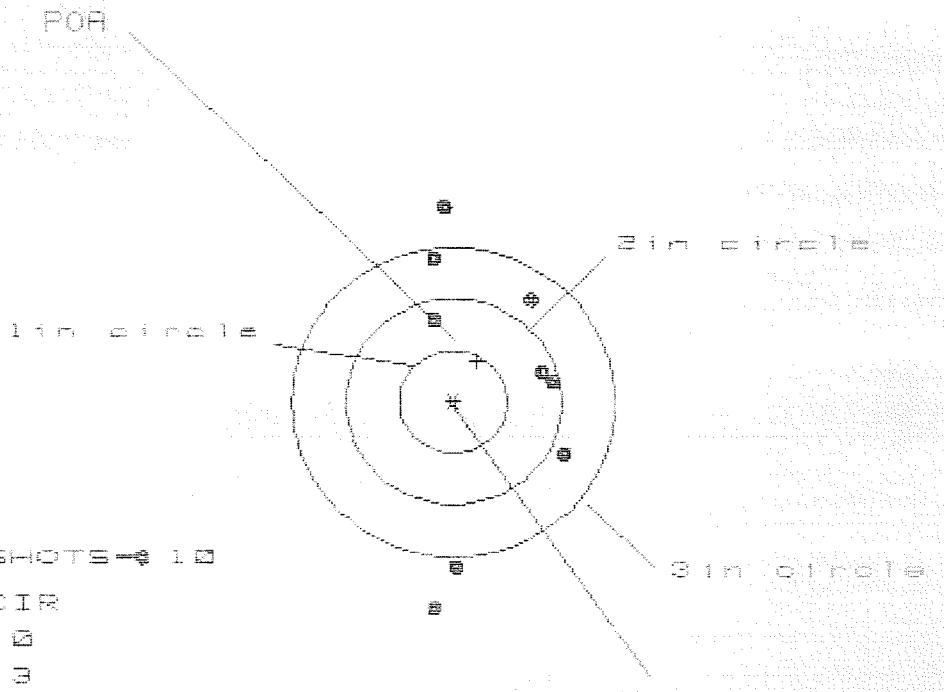
0	TO	1	.454368
1	TO	2	.574948
1	TO	3	.51788
1	TO	4	.461088
1	TO	5	.485235

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1434
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0142
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .144101

THE AMR FOR THIS RIFLE IS: 1.192

28 May 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6636183

CENTERFIRE PATTERNS # 1

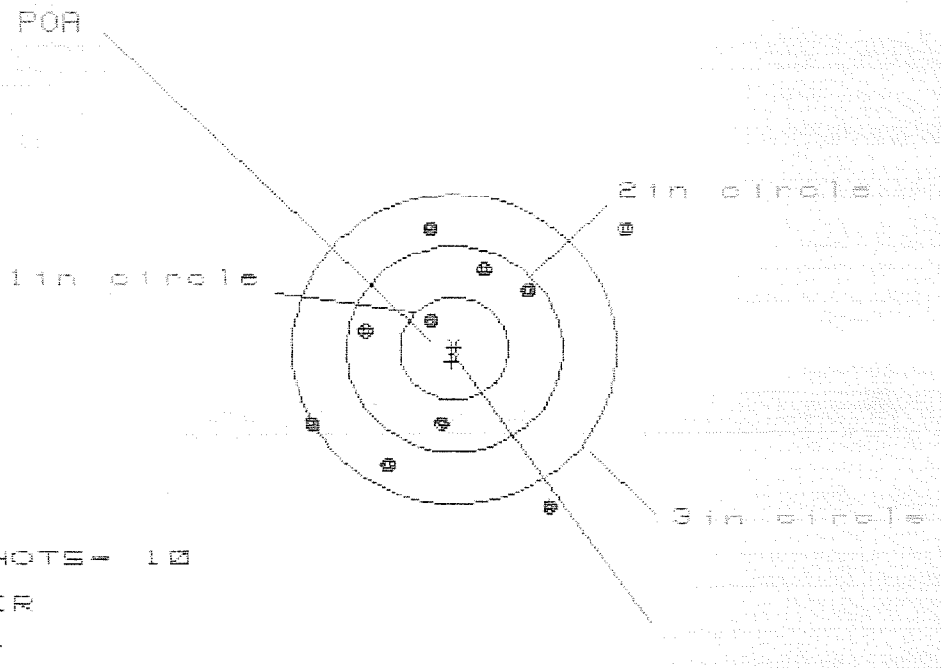


# OF SHOTS= 10
# IN CIR
1in = 0
2in = 3
3in = 6
HS= 3.838
VS= 3.958
GS= 4.454

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.978	.660	.596
MINIMUM X	:	-2.860	-.511	-.573
MAXIMUM Y	:	1.943	1.773	1.500
MINIMUM Y	:	-2.015	-2.185	-1.999
CENTROID X	:	-.221	.097	.161
CENTROID Y	:	-.397	-.227	.046
POA TO CENTROID in.	:	.454	.247	.167
MIN RADIUS	:	.801	.541	.471
MEAN RADIUS	:	1.517	1.217	1.027
MAX RADIUS	:	3.242	2.244	2.039
HORIZONTAL SPREAD	:	3.838	1.171	1.169
VERTICAL SPREAD	:	3.958	3.958	3.499
EXTREME SPREAD	:	4.454	3.960	3.499
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		6	

28 May 1931 FILE:/PATTERNING/CENTERFIRE_PATT/C0630103

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

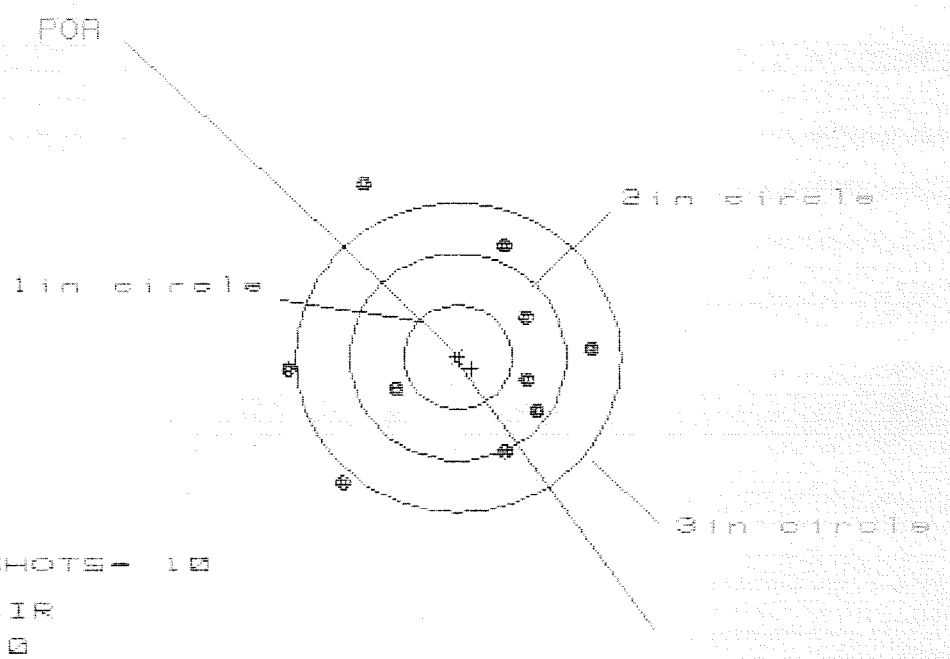
# IN CIR	
1in	1
2in	5
3in	7

HS= 2.860
VS= 2.721
GS= 3.416

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.537	1.018	.973
MINIMUM X	:	-1.323	-1.153	-1.025
MAXIMUM Y	:	1.153	1.273	1.093
MINIMUM Y	:	-1.568	-1.440	-1.189
CENTROID X	:	.020	-.150	-.278
CENTROID Y	:	.125	-.003	.177
POA TO CENTROID in.	:	.127	.150	.329
MIN RADIUS	:	.324	.395	.243
MEAN RADIUS	:	1.131	1.033	.906
MAX RADIUS	:	1.921	1.764	1.281
HORIZONTAL SPREAD	:	2.860	2.171	1.998
VERTICAL SPREAD	:	2.721	2.713	2.282
EXTREME SPREAD	:	3.416	2.930	2.388
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

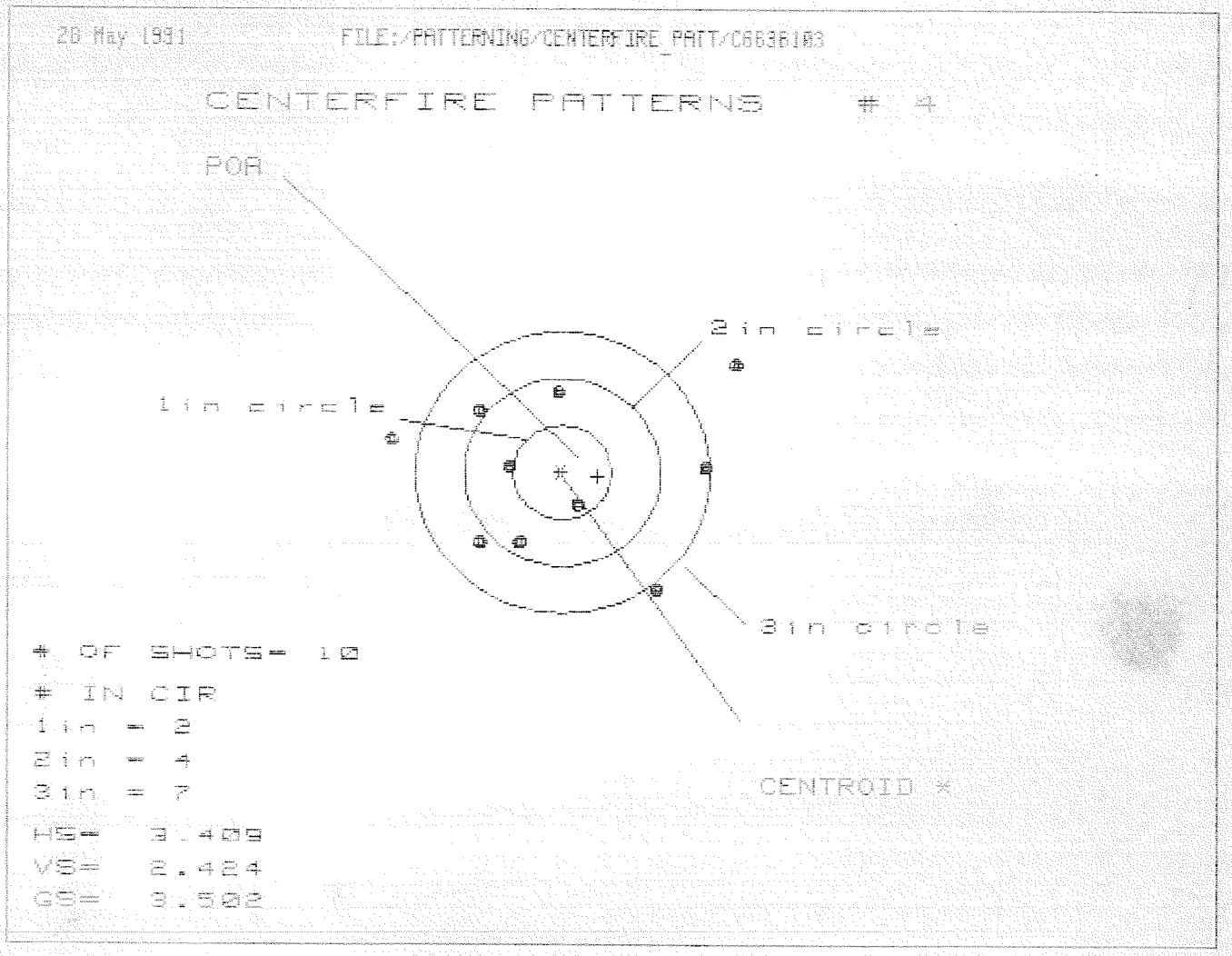
28 May 1991 FILE:/PATTERNING/CENTERFIRE_PATT/CG83B103

CENTERFIRE PATTERNS # 3

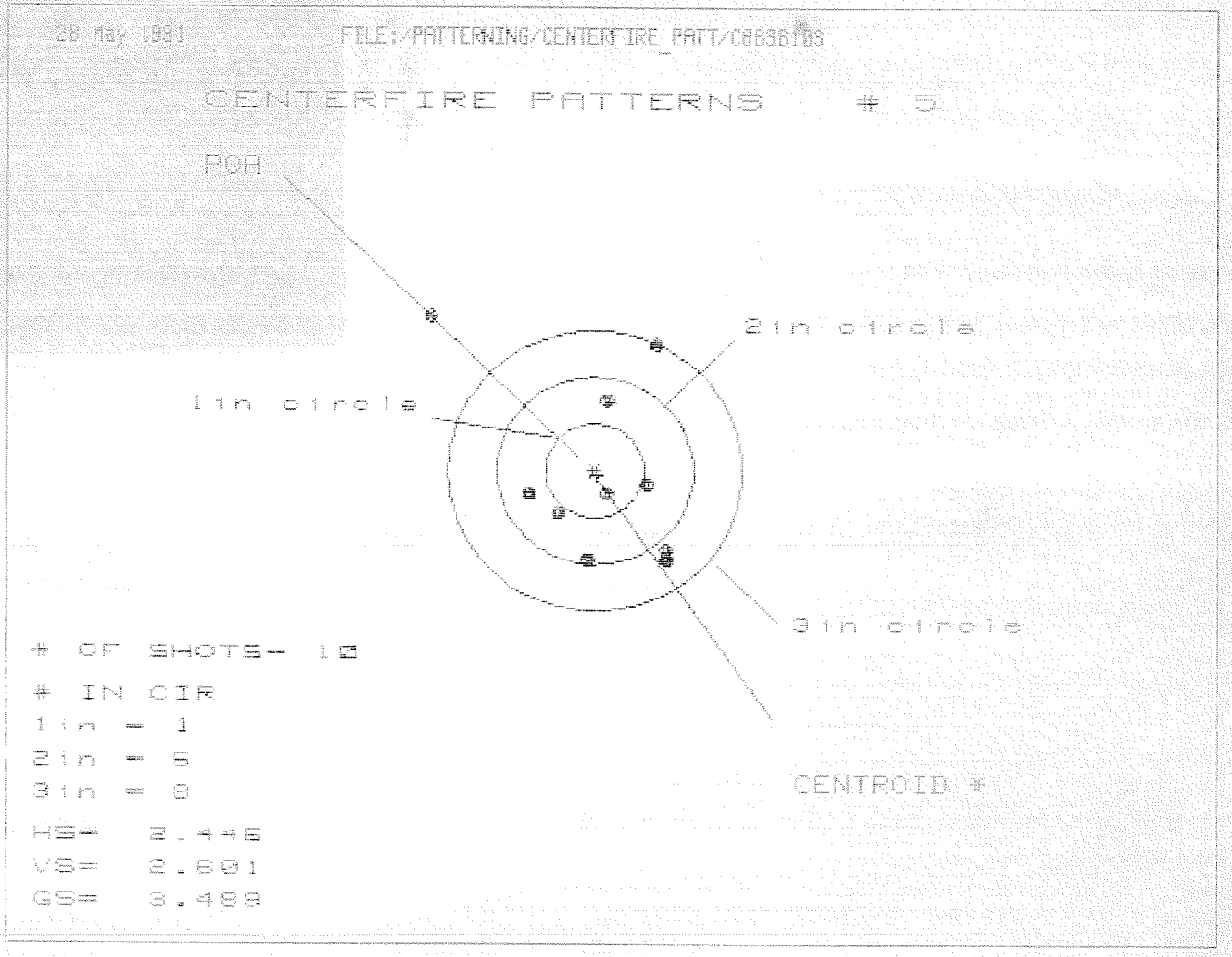


# OF SHOTS= 10
# IN CIR
1in = 0
2in = 4
3in = 7
HS= 2.795
VS= 2.917
GS= 2.924

PATTERN #	:	[redacted]		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.243	1.148	1.005
MINIMUM X	:	-1.552	-1.647	-1.790
MAXIMUM Y	:	1.699	1.284	1.155
MINIMUM Y	:	-1.218	-1.029	-.878
CENTROID X	:	-.131	-.036	.107
CENTROID Y	:	.113	-.076	.053
POA TO CENTROID in.	:	.173	.084	.119
MIN RADIUS	:	.659	.536	.425
MEAN RADIUS	:	1.147	1.028	.930
MAX RADIUS	:	1.901	1.650	1.790
HORIZONTAL SPREAD	:	2.795	2.795	2.795
VERTICAL SPREAD	:	2.917	2.313	2.033
EXTREME SPREAD	:	2.924	2.802	2.802
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.720	1.672	1.485
MINIMUM X	:	-1.689	-1.498	-.871
MAXIMUM Y	:	1.165	.981	1.042
MINIMUM Y	:	-1.259	-1.129	-1.068
CENTROID X	:	-.362	-.553	-.366
CENTROID Y	:	.042	-.088	-.150
POA TO CENTROID in.	:	.365	.560	.395
MIN RADIUS	:	.387	.345	.223
MEAN RADIUS	:	1.165	1.020	.955
MAX RADIUS	:	2.078	1.686	1.510
HORIZONTAL SPREAD	:	3.409	3.170	2.356
VERTICAL SPREAD	:	2.424	2.110	2.110
EXTREME SPREAD	:	3.502	3.182	2.600
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.759	.571	.625
MINIMUM X	:	-1.687	-.066	-.012
MAXIMUM Y	:	1.616	1.566	1.136
MINIMUM Y	:	-.985	-.806	-.610
CENTROID X	:	-.023	.165	.111
CENTROID Y	:	.046	-.133	-.329
POA TO CENTROID in.	:	.052	.212	.347
MIN RADIUS	:	.238	.072	.171
MEAN RADIUS	:	.999	.791	.667
MAX RADIUS	:	2.336	1.623	1.136
HORIZONTAL SPREAD	:	2.446	1.437	1.437
VERTICAL SPREAD	:	2.601	2.372	1.746
EXTREME SPREAD	:	3.489	2.477	1.794
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	