0623488

MODEL 700™ M24

Model SMS™

Action

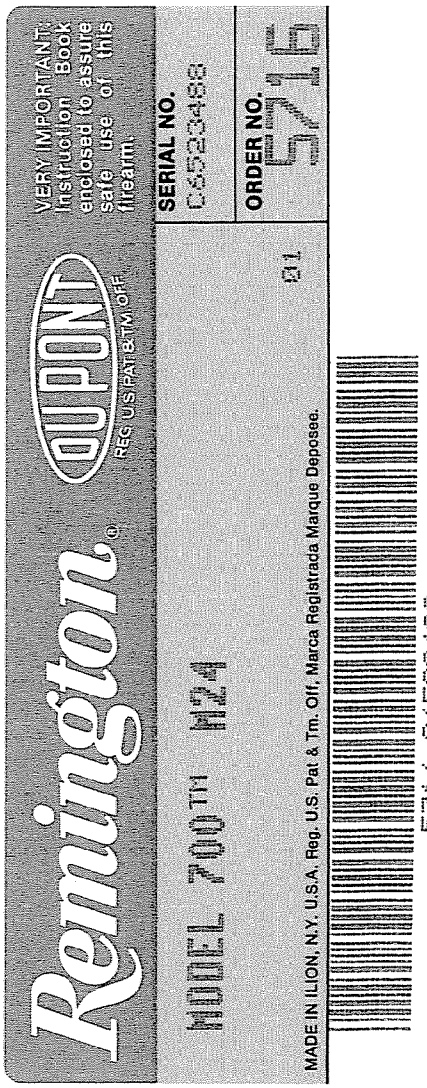
Barrel Length

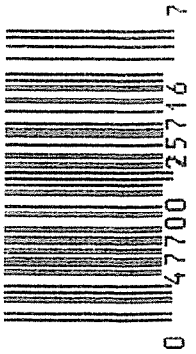
Capacity

Order No. 5716

*Includes 1 in chamber.

Remington®


Remington
DUPONT
REG. U.S. PAT. & T.M. OFF.
VERY IMPORTANT
Instruction Book
enclosed to assure
safe use of this
firearm.
MODEL 700TH M24
SERIAL NO.
C6523488
ORDER NO.
01
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off., Marca Registrada, Marque Deposee.
5716 C6523488


UPC
0 47700 25716 7

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6523488

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/2/90	KA
600	Proof		10/2/90	KA
607	Check Headspace		10/2/90	KA
610	Dis-assemble Gun		10/2/90	KA
612	Magnaflux Barrel Action		10/5/90	KR
	Magnaflux Bolt		10/5/90	KR
615	Rollmark Caliber		10/5/90	LS
617	Drill and Tap Sight Holes		10/8/90	FB
618	Polish Barrel RB		10/9/90	WB
620	Apply Coatings (Barrel Action)		10-20-90	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/21/90	WB
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/21/90	WB
	C) Inspect Ejector Hole for Chamfer		10/21/90	WB
	D) Oil Firing Pin Ass'y		10/21/90	WB
	E) Adjust Trigger Pull to Min Setting and Stake		10-24-90	DH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4 4/4		4 4/4		4 4/4	10/25/90	WB
	G) Safety Off Force	2		2		2	10/25/90	WB
	H) Trigger Pull Test & Retainability						10-24-90	DH
	I) Firing Pin Indent	.0245		.025		.0245	10/25/90	WB
	J) Assemble Stock						10/26/90	KA
	K) Assemble Swivel Studs						3/15/91	RSS
	L) Attach Front and Rear Sight Assemblies						10/26/90	KA
	M) Iron Sight Alignment						10/26/90	KA
	N) Detach Front & Rear Sights & place in numbered container						10/26/90	KA
	O) Attach Scope to Rifle						10/26/90	KA
	P) Detach & Attach Scope 20 Times						10/26/90	KA
640	Gallery Target & Test						10-27-90	KT
	A) Time						10-27-90	KT
	B) Malfunctions						10-27-90	KT
	C) Pierced Primers						10-27-90	KT
	D) Optical Clearity of Scope						10-27-90	KT
645	Inspect for Live Ammo						10-27-90	KT
655	Final Inspection A) Headspace						3/15/91	RSS
	B) Trigger Pull	244	243	233	246	239	3/20/91	RSS
	C) Function						3/20/91	RSS
660	Pack						12/14/90	JF

SWS TRIGGER PULL TEST

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

SERIAL NO. C6523488

DATE 10-24-90

TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.58	2.34	2.60	2.44	MIN. SETTING,
PULL #2	2.50	2.38	2.59	2.43	NO AVG. OF 5
PULL #3	2.47	2.40	2.64	2.33	READINGS ACCEPT-
PULL #4	2.46	2.35	2.64	2.46	ABLE LESS THAN 2#
PULL #5	2.49	2.30	2.57	2.39	
TOTAL	12.50	11.77	13.04		
AVG.	2.50	2.35	2.60		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.05	3.18		
PULL #2	3.02	3.14		
PULL #3	3.12	3.21		
PULL #4	3.05	3.22		
PULL #5	3.08	3.19		
TOTAL	15.32	15.94		
AVG.	3.06	3.18		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.17	4.04		4.01
PULL #2	4.04	4.07		4.05
PULL #3	4.05	4.10		4.04
PULL #4	4.09	4.09		4.06
PULL #5	4.09	4.08		4.05
TOTAL	20.45	20.38		20.21
AVG.	4.09	4.07		4.04

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523488
27 Oct 1990

CENTROIDAL DISTANCES

0	TO	1	.210155
1	TO	2	.152053
1	TO	3	.0600083
1	TO	4	.394077
1	TO	5	.38

<----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0532
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0298
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0609777

THE AMR FOR THIS RIFLE IS: .8014

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FOR RIFLE # C6523488
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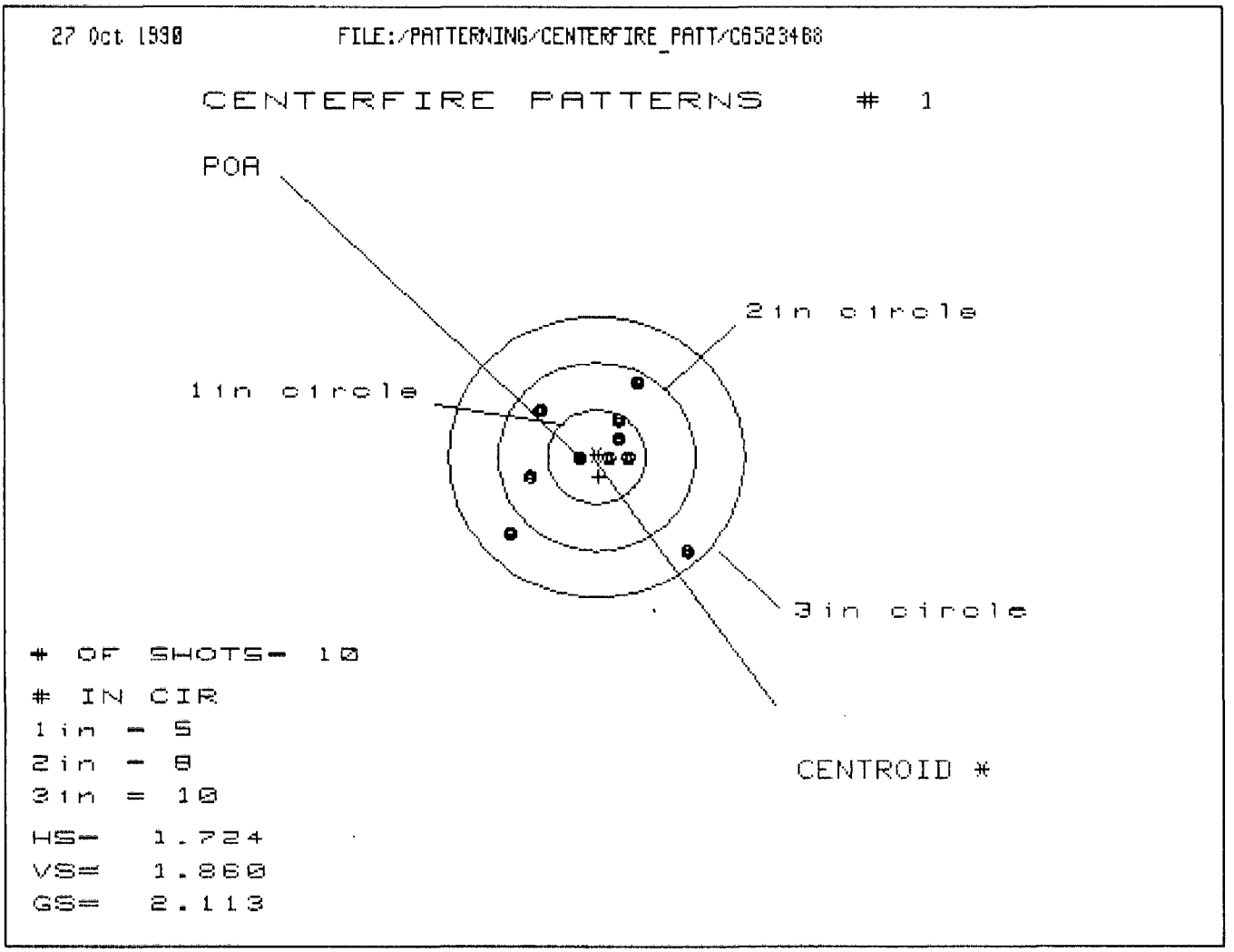
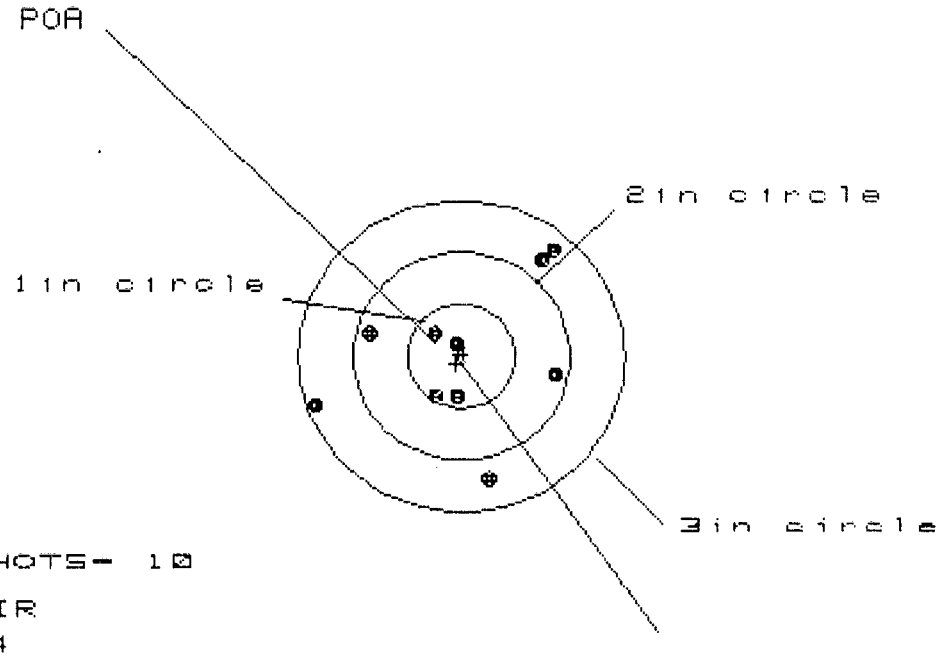


PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.879	.539	.446
MINIMUM X	:	-.845	-.748	-.634
MAXIMUM Y	:	.839	.726	.613
MINIMUM Y	:	-1.021	-.902	-.390
CENTROID X	:	-.022	-.119	-.026
CENTROID Y	:	.209	.322	.435
POA TO CENTROID in.	:	.210	.344	.436
MIN RADIUS	:	.148	.129	.187
MEAN RADIUS	:	.631	.546	.449
MAX RADIUS	:	1.347	1.172	.758
HORIZONTAL SPREAD	:	1.724	1.287	1.080
VERTICAL SPREAD	:	1.860	1.628	1.003
EXTREME SPREAD	:	2.113	2.075	1.474
NUMBER IN ONE INCH CIRCLE	=		5	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

27 Oct 1998 FILE:/PATTERNING/CENTERFIRE_PATT/C6523468

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

# IN CIR
1in = 4
2in = 6
3in = 10

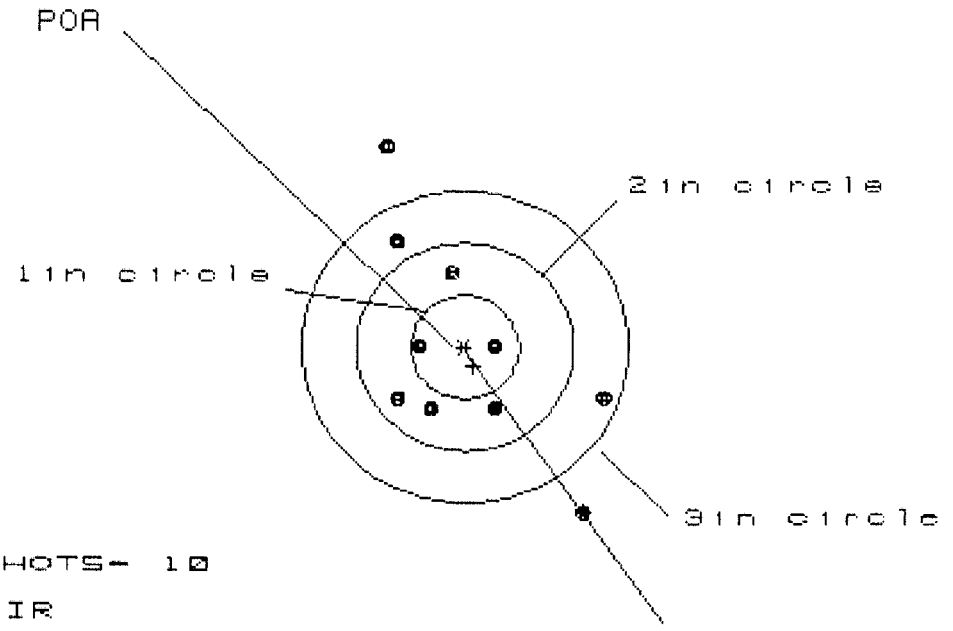
HS= 2.209
VS= 2.134
GS= 2.634

PATTERN # : 2

SHOTS (BEST OF) :	10	9	8
MAXIMUM X :	.888	.741	.790
MINIMUM X :	-1.321	-.967	-.874
MAXIMUM Y :	.990	.940	1.030
MINIMUM Y :	-1.144	-1.194	-1.076
CENTROID X :	.046	.193	.100
CENTROID Y :	.073	.123	.005
POA TO CENTROID in.:	.086	.228	.100
MIN RADIUS :	.133	.232	.220
MEAN RADIUS :	.811	.765	.678
MAX RADIUS :	1.394	1.201	1.219
HORIZONTAL SPREAD :	2.209	1.708	1.664
VERTICAL SPREAD :	2.134	2.134	2.106
EXTREME SPREAD :	2.634	2.219	2.149
NUMBER IN ONE INCH CIRCLE =		4	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		10	

27 Oct 1998 FILE:/PATTERNING/CENTERFIRE_PATT/C6523468

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

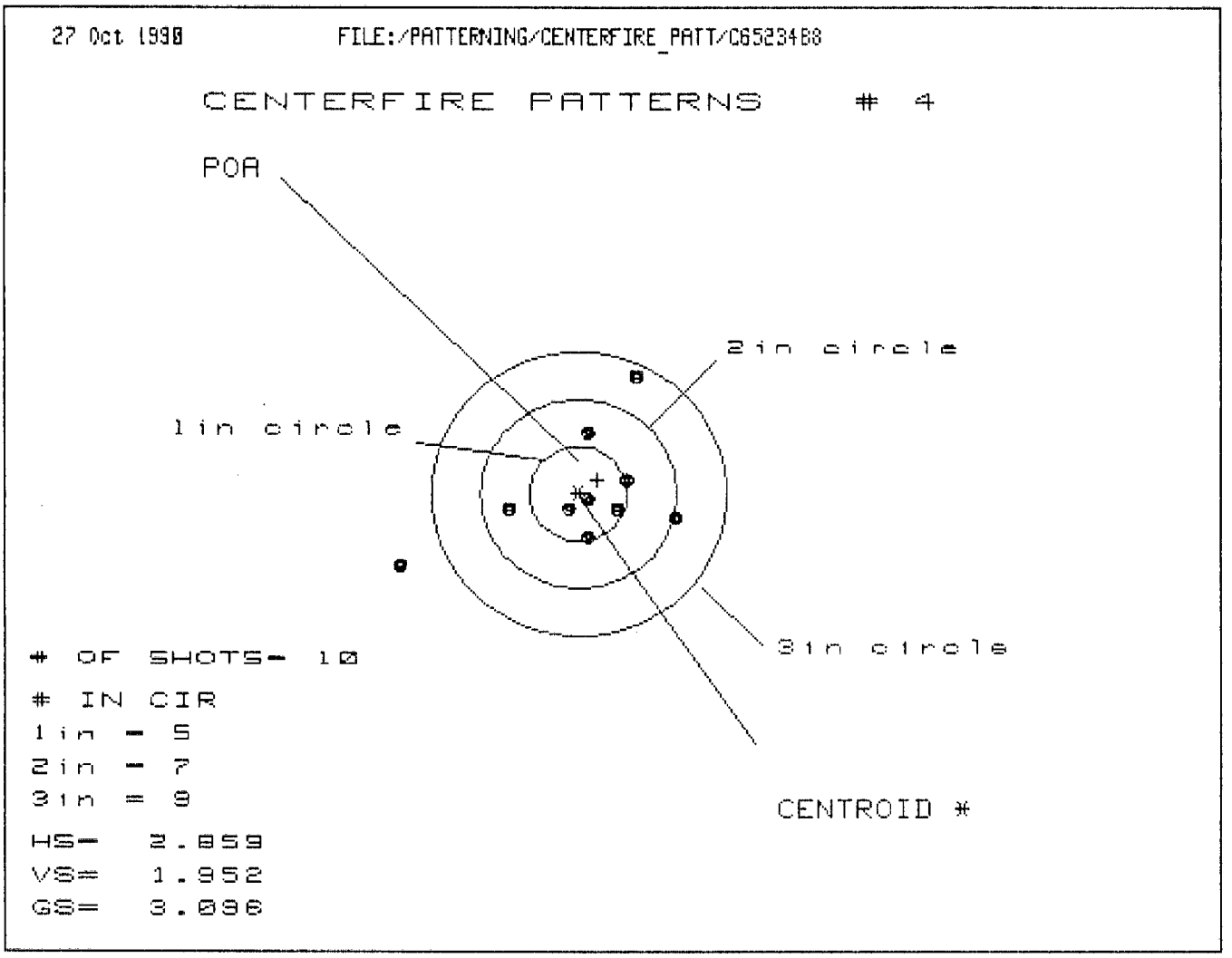
# IN CIR
1in = 2
2in = 6
3in = 8

HS= 1.936
VS= 3.521
GS= 3.931

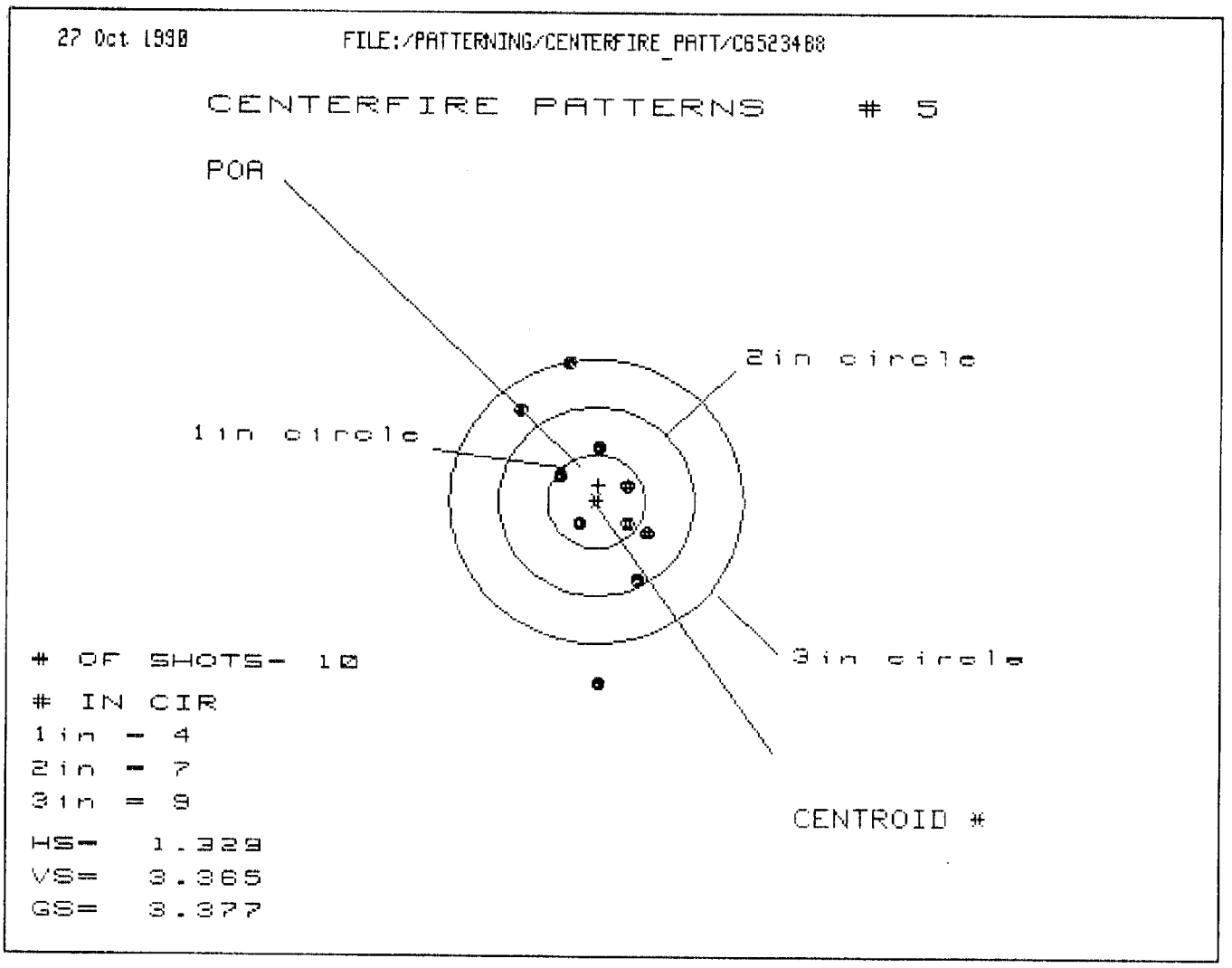
PATTERN # : 3

SHOTS (BEST OF) :	10	9	8
MAXIMUM X :	1.248	1.172	1.295
MINIMUM X :	-.688	-.724	-.601
MAXIMUM Y :	1.932	1.246	1.074
MINIMUM Y :	-1.589	-1.374	-.583
CENTROID X :	-.077	-.001	-.124
CENTROID Y :	.185	-.030	.142
POA TO CENTROID in.:	.200	.030	.188
MIN RADIUS :	.253	.310	.308
MEAN RADIUS :	.997	.870	.746
MAX RADIUS :	2.051	1.690	1.366
HORIZONTAL SPREAD :	1.936	1.896	1.896
VERTICAL SPREAD :	3.521	2.620	1.657
EXTREME SPREAD :	3.931	3.128	2.423

NUMBER IN ONE INCH CIRCLE = 2
NUMBER IN TWO INCH CIRCLE = 6
NUMBER IN THREE INCH CIRCLE = 8



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.005	.799	.841
MINIMUM X	:	-1.854	-.885	-.843
MAXIMUM Y	:	1.220	1.139	.751
MINIMUM Y	:	-.732	-.514	-.372
CENTROID X	:	-.191	.015	-.027
CENTROID Y	:	-.147	-.066	-.208
POA TO CENTROID in.	:	.241	.068	.210
MIN RADIUS	:	.108	.223	.105
MEAN RADIUS	:	.745	.595	.486
MAX RADIUS	:	1.994	1.189	.865
HORIZONTAL SPREAD	:	2.859	1.684	1.684
VERTICAL SPREAD	:	1.952	1.653	1.123
EXTREME SPREAD	:	3.096	1.845	1.687
NUMBER IN ONE INCH CIRCLE	=		5	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.549	.547	.509
MINIMUM X	:	-.780	-.782	-.820
MAXIMUM Y	:	1.450	1.238	.945
MINIMUM Y	:	-1.915	-1.009	-.855
CENTROID X	:	-.022	-.020	.018
CENTROID Y	:	-.171	.041	-.113
POA TO CENTROID in.	:	.173	.046	.115
MIN RADIUS	:	.251	.284	.264
MEAN RADIUS	:	.823	.699	.602
MAX RADIUS	:	1.915	1.275	1.252
HORIZONTAL SPREAD	:	1.329	1.329	1.329
VERTICAL SPREAD	:	3.365	2.247	1.800
EXTREME SPREAD	:	3.377	2.377	2.192
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	