C663680

MODEL 700™ M24

Model SWS™

Action

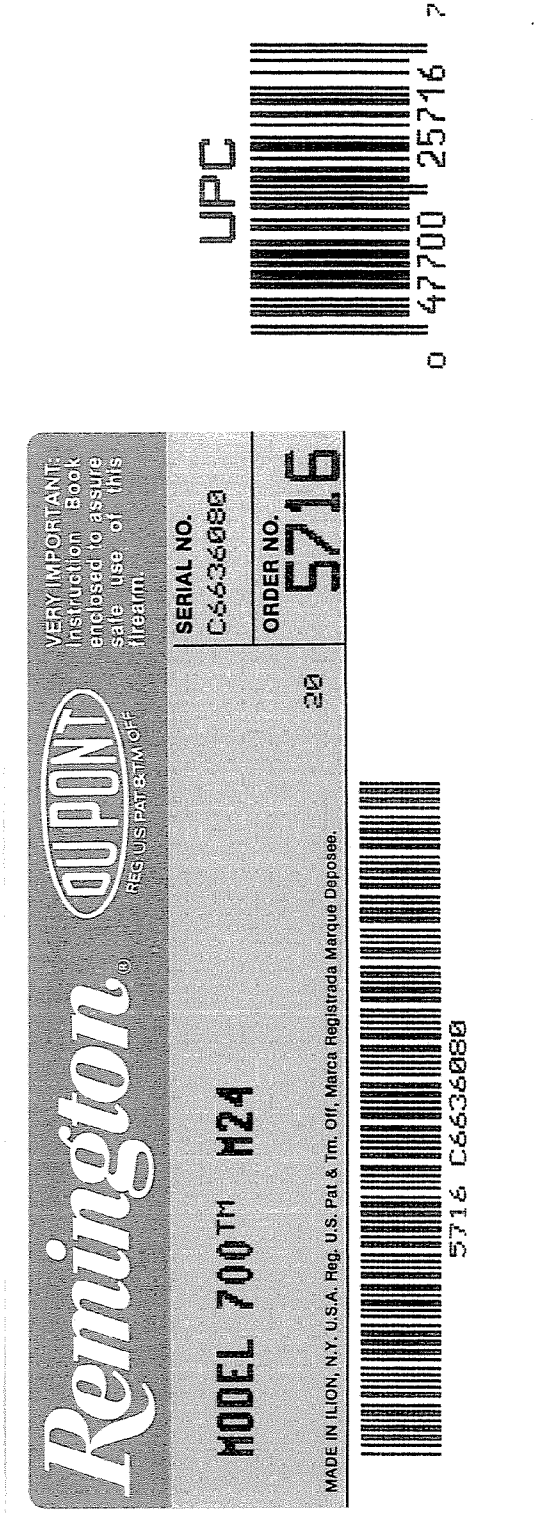
Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington


UPC
0 47700 25716 7
Remington
DUPONT
REG. U.S. PAT. & TM. OFF.
VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700TM M24
SERIAL NO.
C6636080
ORDER NO.
516
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off., Marca Registrada Marque Deposee.
20
5716 C6636080

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6636080

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	"
615	Rollmark Caliber	APR	9 1991	DS
617	Drill and Tap Sight Holes	APR	1 9 1991	WB
618	Polish Barrel	APR	1 9 1991	WB
620	Apply Coatings (Barrel Action)		5-10-91	DA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		5/14/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/14/91	RW
	C) Inspect Ejector Hole for Chamfer		5/14/91	RW
	D) Oil Firing Pin Ass'y		5/14/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		6/3/91	AA

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Op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4 1/2	4 1/2	4 1/2			6/4/91	CWB
	G) Safety Off Force	2	2	2			6/4/91	CWB
	H) Trigger Pull Test & Retainability						6/3/91	DH
	I) Firing Pin Indent	.0215	.0215	.0215			6/4/91	CWB
	J) Assemble Stock						6/4/91	RW
	K) Assemble Swivel Studs						6-8-91	DH
	L) Attach Front and Rear Sight Assemblies						6/4/91	RW
	M) Iron Sight Alignment						6/4/91	RW
	N) Detach Front & Rear Sights & place in numbered container						6/4/91	RW
	O) Attach Scope to Rifle						6/4/91	RW
	P) Detach & Attach Scope 20 Times						6/4/91	RW
640	Gallery Target & Test						6-5-91	AC
	A) Time						6-5-91	AC
	B) Malfunctions						6-5-91	AC
	C) Pierced Primers						6-5-91	AC
	D) Optical Clearity of Scope						6-5-91	AC
645	Inspect for Live Ammo						6-5-91	AC
655	Final Inspection A) Headspace						6-8-91	DH
	B) Trigger Pull	2.69	2.21	2.26	2.23	2.26	6-8-91	DH
	C) Function						6-8-91	DH
660	Pack						6-20-91	AF

SWS TRIGGER PULL TEST

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

SERIAL NO. C6636080

DATE 6-3-91

TESTER 91

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.28	2.48	2.38	2.69	MIN. SETTING,
PULL #2	2.30	2.31	2.41	2.21	NO AVG. OF 5
PULL #3	2.52	2.45	2.36	2.26	READINGS ACCEPT-
PULL #4	2.51	2.35	2.36	2.23	ABLE LESS THAN 2#
PULL #5	2.52	2.50	2.49	2.26	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.54	3.25		
PULL #2	3.51	3.28		
PULL #3	3.39	3.21		
PULL #4	3.30	3.23		
PULL #5	3.39	3.37		
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	4.23		4.35
PULL #2	4.34	4.42		4.53
PULL #3	4.29	4.43		4.50
PULL #4	4.33	4.40		4.55
PULL #5	4.45	4.34		4.49
TOTAL				
AVG.				

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CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6636080
5 Jun 1991

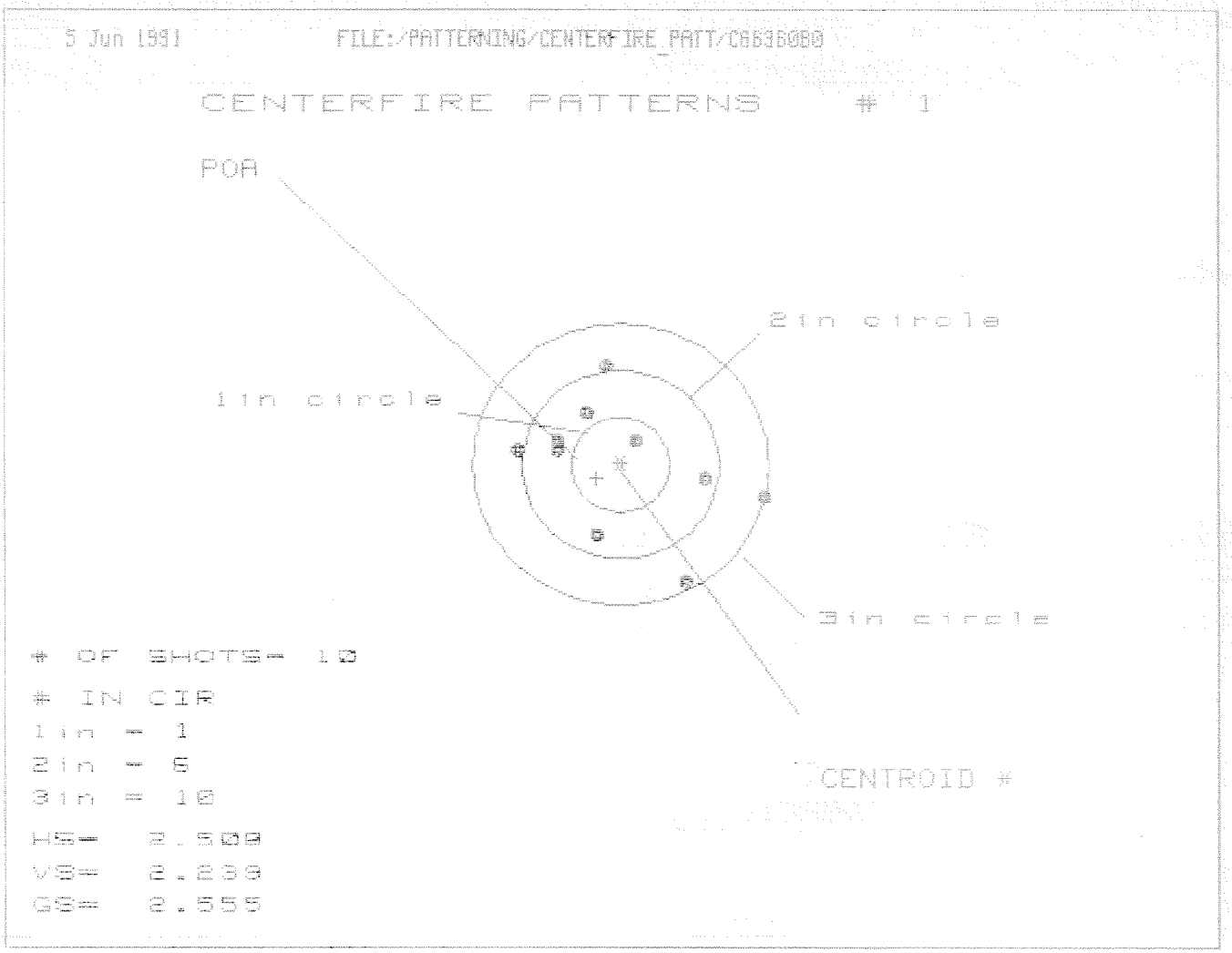
CENTROIDAL DISTANCES

0	TO	1	.283323
1	TO	2	.155322
1	TO	3	.402413
1	TO	4	.335233
1	TO	5	.240651

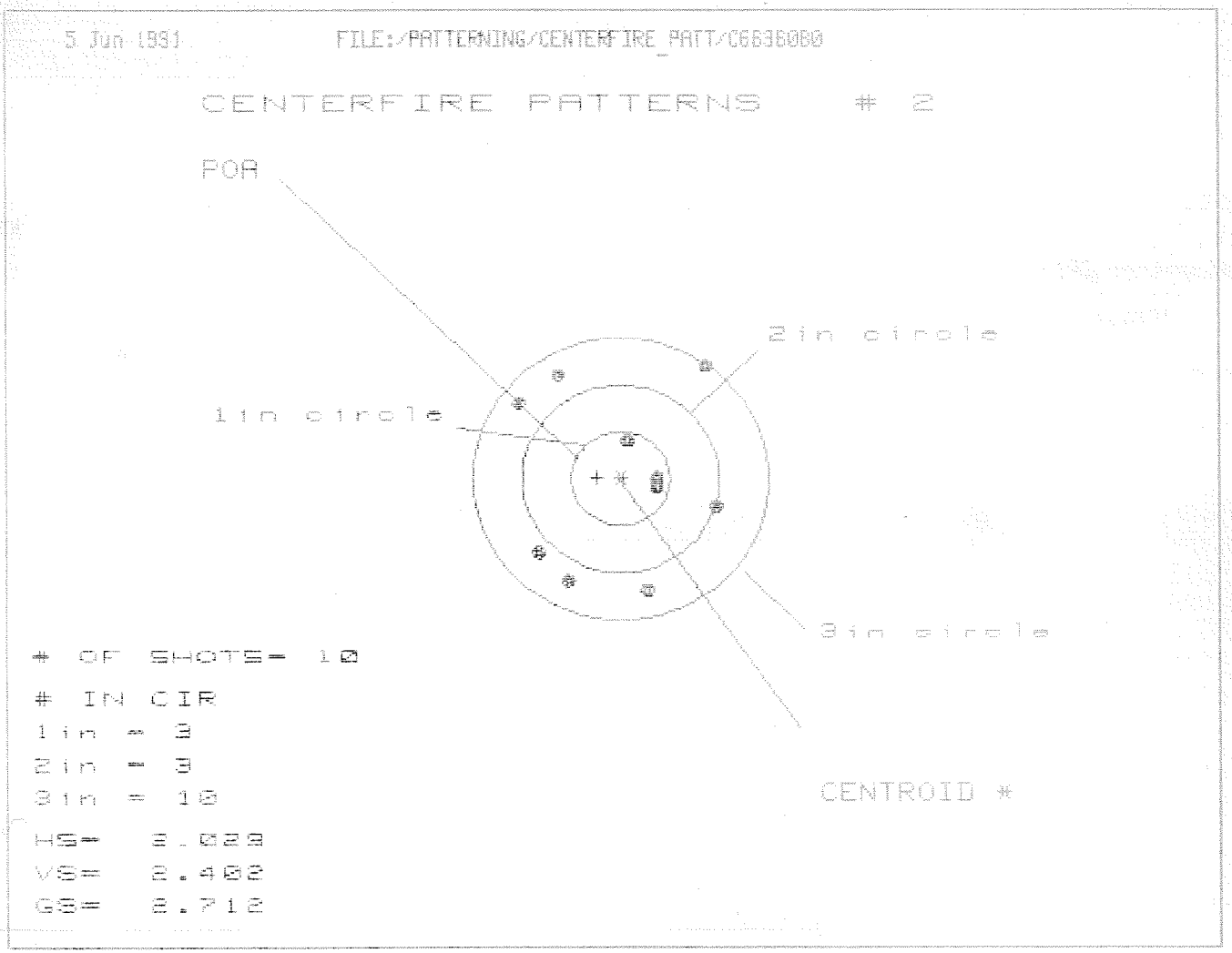
<---POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0694
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .03
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0756066

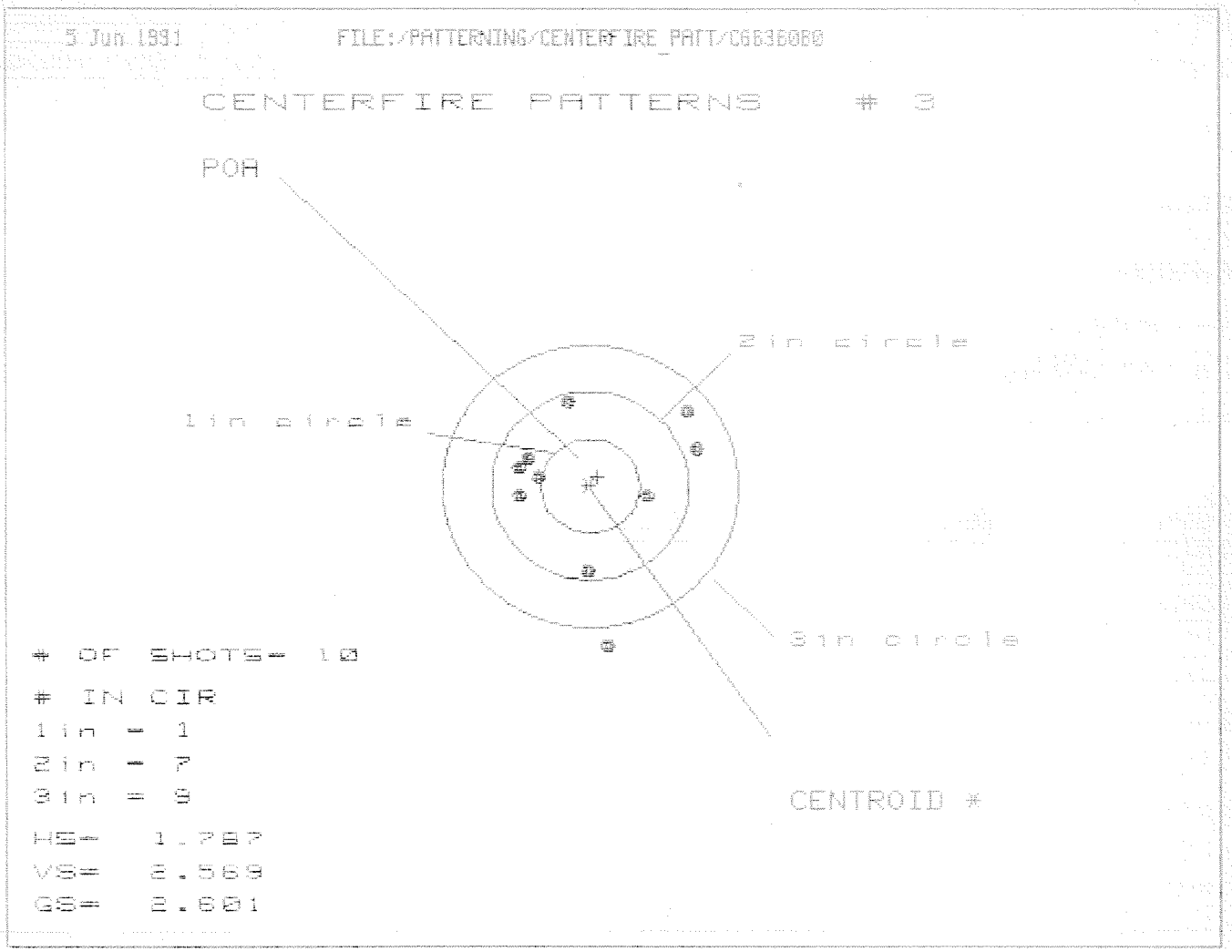
THE AMP FOR THIS RIFLE IS: .9514



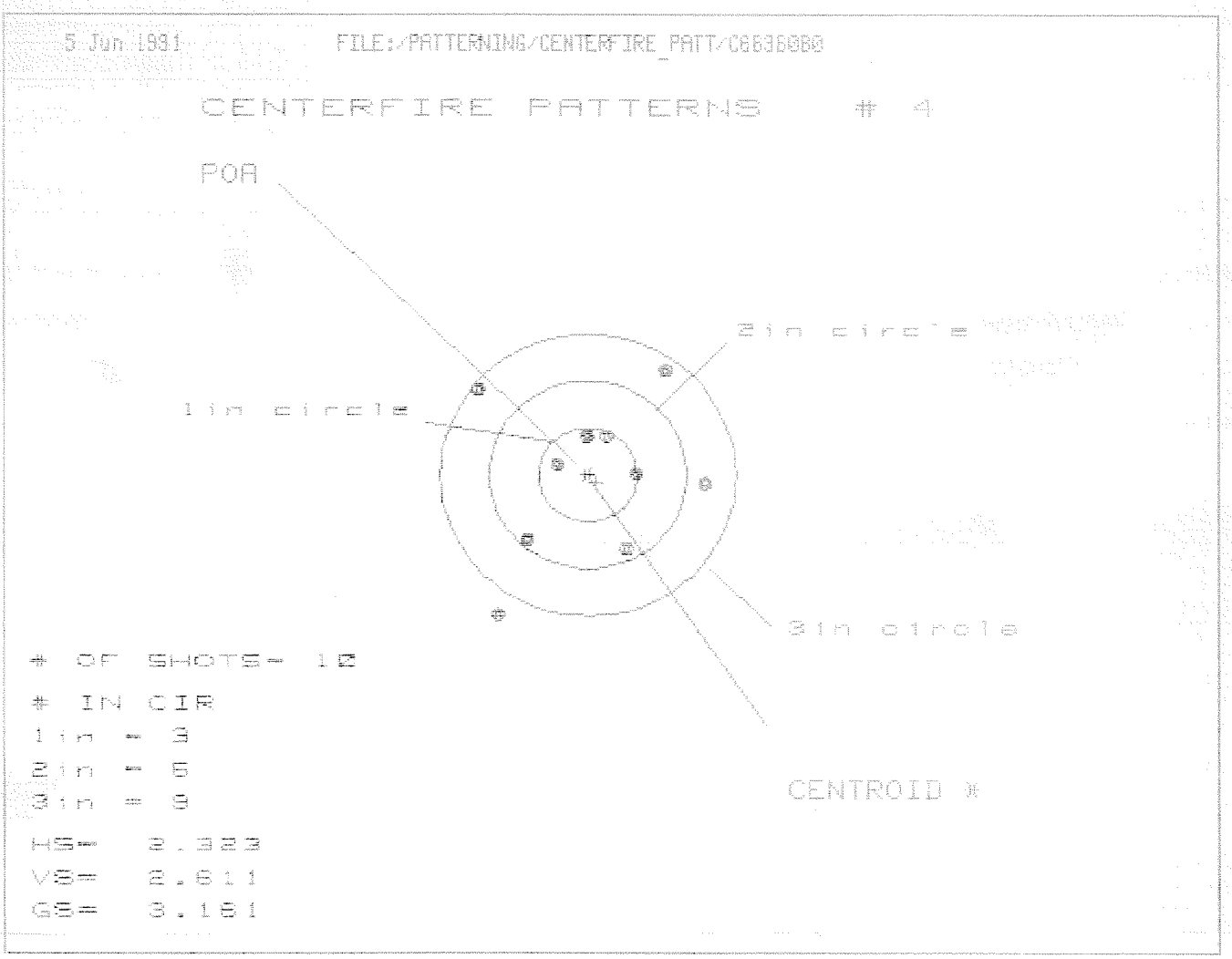
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.453	.975	1.077
MINIMUM X	:	-1.055	-.893	-.790
MAXIMUM Y	:	1.034	.998	.843
MINIMUM Y	:	-1.205	-1.241	-.906
CENTROID X	:	.244	.082	-.021
CENTROID Y	:	.144	.180	.335
POA TO CENTROID in.	:	.283	.198	.335
MIN RADIUS	:	.275	.350	.350
MEAN RADIUS	:	.884	.786	.653
MAX RADIUS	:	1.489	1.488	1.141
HORIZONTAL SPREAD	:	2.508	1.868	1.868
VERTICAL SPREAD	:	2.239	2.239	1.749
EXTREME SPREAD	:	2.555	2.384	1.900
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	



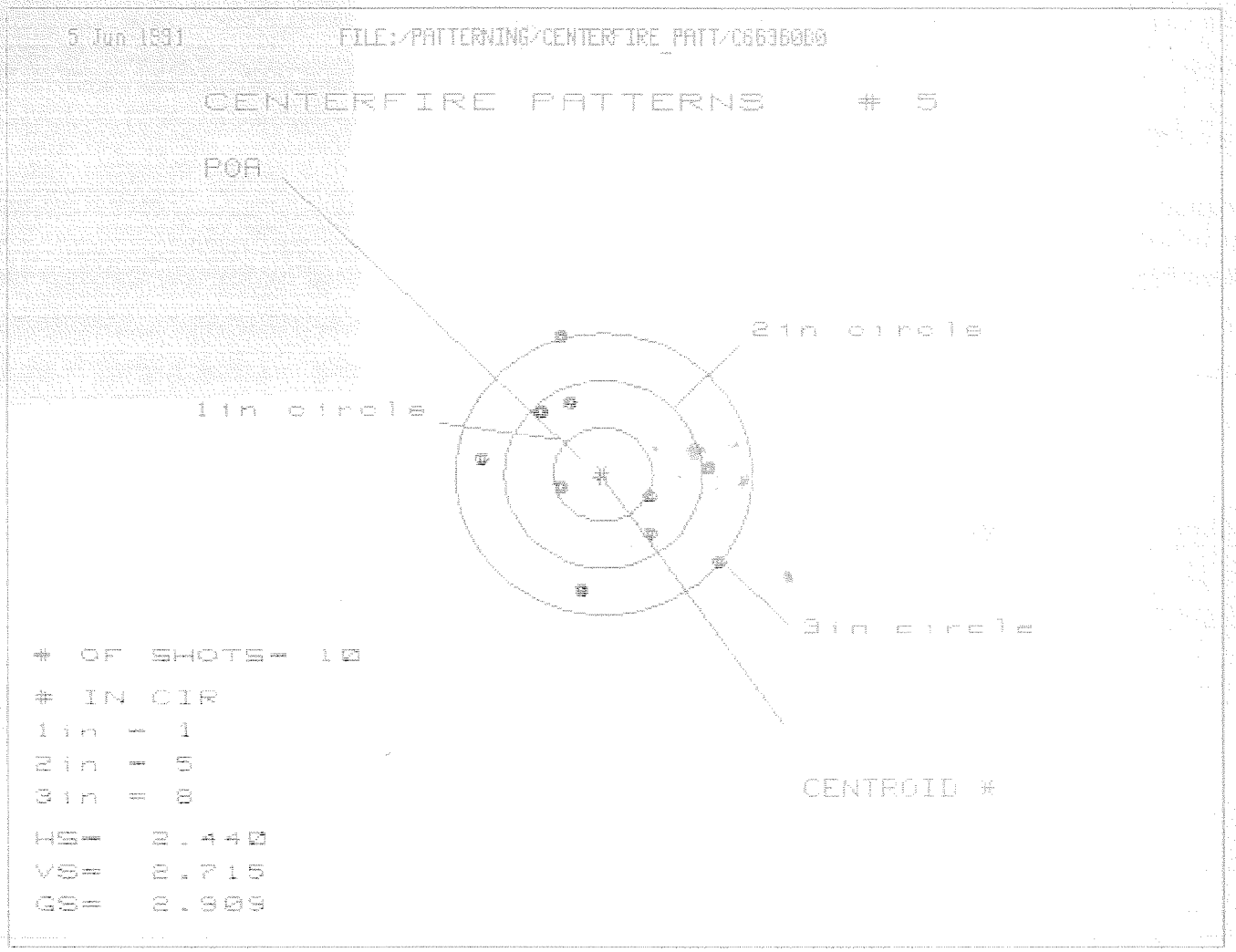
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.999	1.100	.984
MINIMUM X	:	-1.030	-.929	-.857
MAXIMUM Y	:	1.183	1.205	1.321
MINIMUM Y	:	-1.220	-1.088	-.972
CENTROID X	:	.234	.133	.249
CENTROID Y	:	-.011	-.143	-.259
POA TO CENTROID in.	:	.234	.195	.359
MIN RADIUS	:	.407	.506	.425
MEAN RADIUS	:	.993	.948	.879
MAX RADIUS	:	1.492	1.314	1.457
HORIZONTAL SPREAD	:	2.029	2.029	1.841
VERTICAL SPREAD	:	2.402	2.293	2.293
EXTREME SPREAD	:	2.712	2.435	2.435
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.046	1.070	1.195
MINIMUM X	:	-.741	-.717	-.592
MAXIMUM Y	:	.904	.718	.795
MINIMUM Y	:	-1.665	-1.061	-.984
CENTROID X	:	-.076	-.100	-.225
CENTROID Y	:	-.100	.086	.089
POA TO CENTROID in.	:	.125	.132	.226
MIN RADIUS	:	.486	.471	.334
MEAN RADIUS	:	.913	.809	.728
MAX RADIUS	:	1.680	1.175	1.236
HORIZONTAL SPREAD	:	1.787	1.787	1.787
VERTICAL SPREAD	:	2.569	1.779	1.779
EXTREME SPREAD	:	2.601	1.952	1.853
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.193	1.087	.932
MINIMUM X	:	-1.130	-1.236	-.910
MAXIMUM Y	:	1.134	.970	1.069
MINIMUM Y	:	-1.477	-.961	-.862
CENTROID X	:	-.086	.020	.175
CENTROID Y	:	.085	.249	.150
POA TO CENTROID in.	:	.121	.250	.230
MIN RADIUS	:	.378	.277	.282
MEAN RADIUS	:	.951	.829	.745
MAX RADIUS	:	1.759	1.471	1.212
HORIZONTAL SPREAD	:	2.323	2.323	1.050
VERTICAL SPREAD	:	2.611	1.931	1.931
EXTREME SPREAD	:	3.161	2.534	2.380
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.213	1.168	1.172
MINIMUM X	:	-1.227	-1.272	-1.126
MAXIMUM Y	:	1.483	.957	.861
MINIMUM Y	:	-1.232	-1.067	-1.163
CENTROID X	:	.031	.076	-.070
CENTROID Y	:	.032	-.133	-.037
POA TO CENTROID in.	:	.044	.153	.079
MIN RADIUS	:	.442	.457	.325
MEAN RADIUS	:	1.016	.943	.877
MAX RADIUS	:	1.537	1.399	1.181
HORIZONTAL SPREAD	:	2.440	2.440	2.298
VERTICAL SPREAD	:	2.715	2.024	2.024
EXTREME SPREAD	:	2.909	2.673	2.299
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	