

CE34B956

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.



BARBER - M24 0042540



RECORDS CONTROL SCHEDULE

RECORDS CATEGORY OR TITLE:

142 - THE KIPLINGER WASHINGTON

REPORT - 1981

COPY "O" (OFFICIAL) ☐ "X" (EXTRA) ☒

TOTAL RETENTION: MAX. UNTIL SUPER-

SEDED OR OBSOLETE

GS-11050 Rev. 8/78

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0042540 0042579

BARBER - M24 0042541

REPORT - 1981

INGTON

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

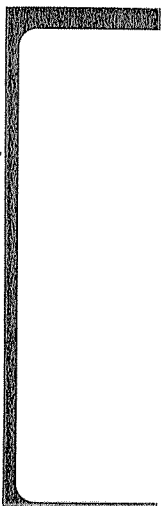
BARBER - M24 0042541 M2400042580

 		VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700™ H24		SERIAL NO. C6348956
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.		ORDER NO. 5716
 5716 C6348956		

UPC



0 47700 25716 7



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348956

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 14	89	RW
600	Proof	9 14	89	RW
607	Check Headspace	9 14	89	RW
610	Dis-assemble Gun	9 14	89	RW
612	Magnaflux Barrel Action	9-14-89		KCR
	Magnaflux Bolt	9-14-89		KCR
615	Rollmark Caliber		9/15/89	G.S.
7	Drill and Tap Sight Holes	9 15	89	48
618	Polish Barrel	9 15	89	BT
620	Apply Coatings (Barrel Action)		9/25/89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		9/26/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/26/89	RW
	C) Inspect Ejector Hole for Chamfer		9/26/89	RW
	D) Oil Firing Pin Ass'y		9/26/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		9/26/89	GLS

BARBER - M24 0042544

BARBER - M24 0042544								
op. #	OP. NAME	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	5	5	5	9/28/89	JL		
	G) Safety Off Force	3	3	3	9/28/89	JL		
	H) Trigger Pull Test & Retainability				28 Sept 89	JL		
	I) Firing Pin Indent	.0215	.021	.0215	9/28/89	JL		
	J) Assemble Stock				10/9/89	RW		
	K) Assemble Swivel Studs				11/5/89	JL		
	L) Attach Front and Rear Sight Assemblies				10/9/89	RW		
	M) Iron Sight Alignment				10/9/89	RW		
	N) Detach Front & Rear Sights & place in numbered container				10/9/89	RW		
	O) Attach Scope to Rifle				9/28/89	JL		
	P) Detach & Attach Scope 20 Times				9/28/89	JL		
640	Gallery Target & Test				10-10-89	DH		
	A) Time				10-10-89	DH		
	B) Malfunctions				10-10-89	DH		
	C) Pierced Primers				10-10-89	DH		
	D) Optical Clarity of Scope				10-10-89	DH		
645	Inspect for Live Ammo				10-10-89	DH		
655	Final Inspection							
	A) Headspace				11/5/89	JL		
	B) Trigger Pull	222	283	271	267	272	11/5/89	JL
	C) Function						11/5/89	JL
660	Pack						15 Dec 89	JL

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. C634 8956

DATE 12 MAR 90

TESTER JDS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.43	2.12		2.22	MIN. SETTING,
PULL #2	2.48	2.12		2.17	NO AVG. OF 5
PULL #3	2.25	2.16		2.20	READINGS ACCEPT-
PULL #4	2.45	2.13		2.16	ABLE LESS THAN 2#
PULL #5	2.41	2.08		2.17	
TOTAL	11.96	10.61			
AVG.	2.392	2.122			

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	2.79	2.46		
PULL #2	2.85	3.02		
PULL #3	2.98	2.46		
PULL #4	2.94	2.99		
PULL #5	2.94	3.05		
TOTAL	14.50	14.98		
AVG.	2.90	2.996		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	3.98	3.83		
PULL #2	3.81	3.92		
PULL #3	3.92	3.88		
PULL #4	3.93	3.93		
PULL #5	3.89	3.92		
TOTAL	19.53	19.48		
AVG.	3.906	3.896		

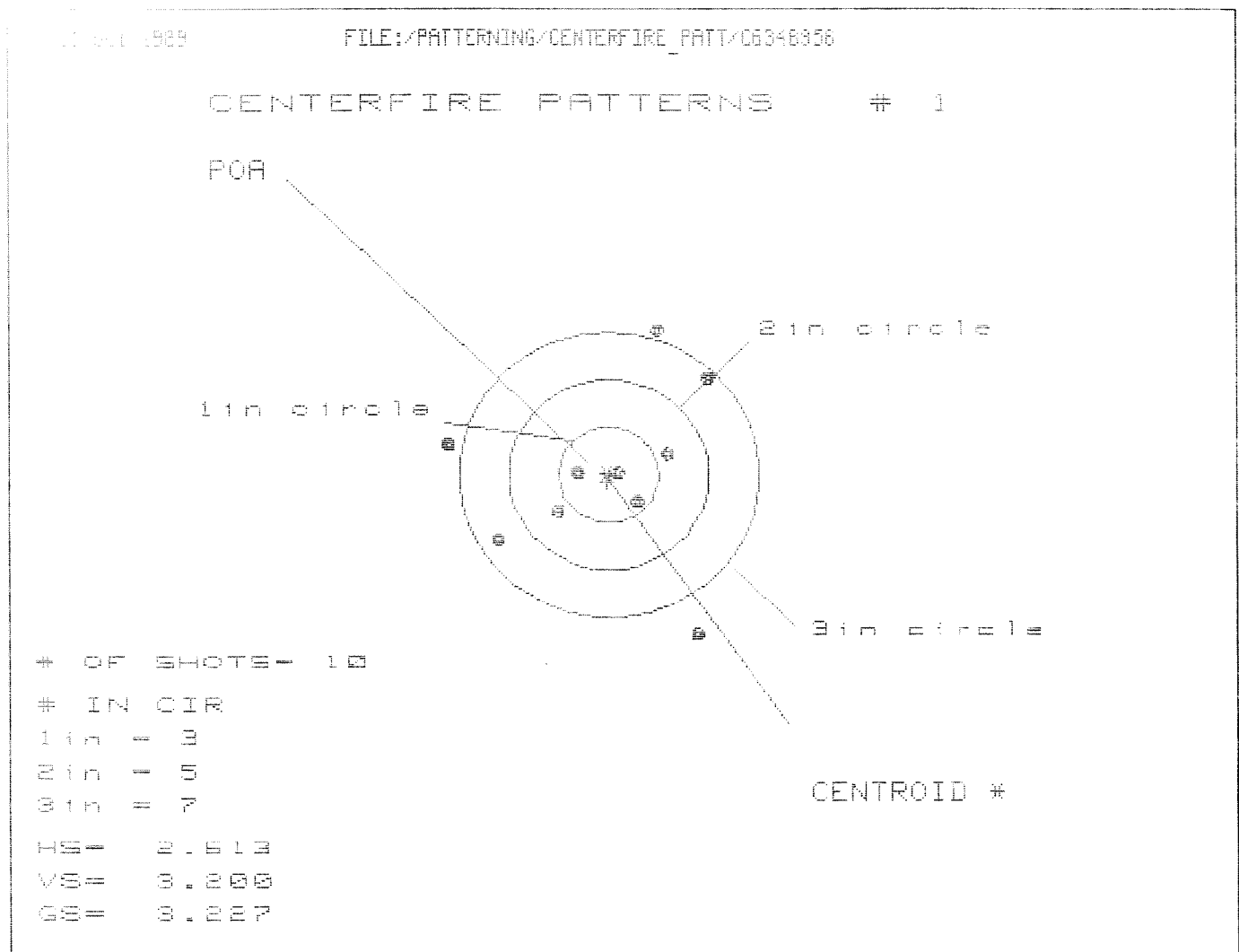
CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06348956
11 Oct 1989

CENTROIDAL DISTANCES

0 TO	1	.0789177
1 TO	2	.316571
1 TO	3	.267442
1 TO	4	.63561
1 TO	5	.351638

421 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.278
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.6166
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .278495
THE AMR FOR THIS RIFLE IS: .955

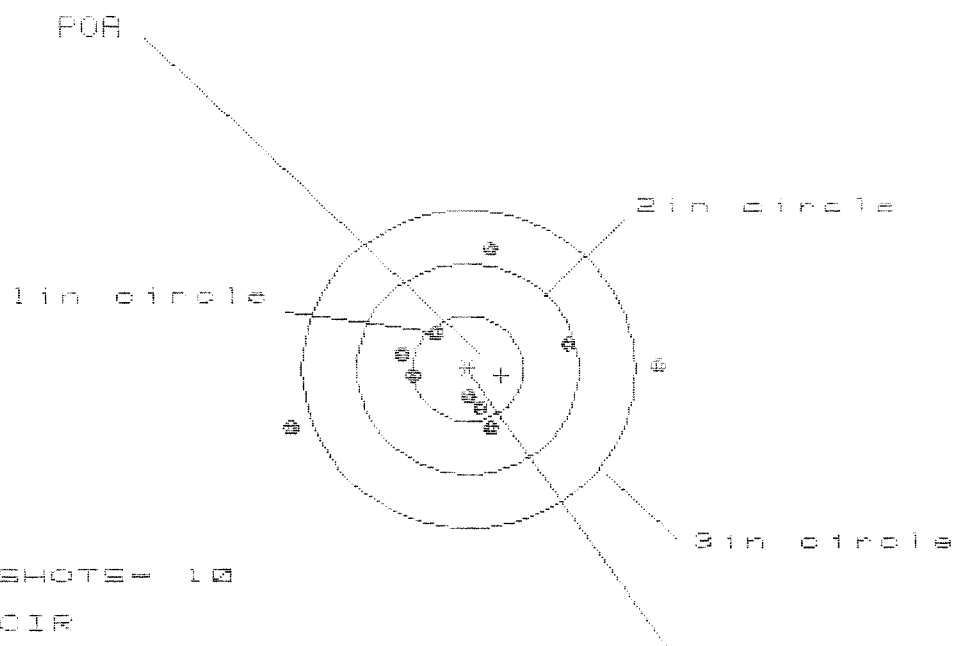


PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.030	1.130	.944
MINIMUM X	-1.583	-1.483	-1.157
MAXIMUM Y	1.496	1.307	1.326
MINIMUM Y	-1.704	-0.897	-0.878
CENTROID X	.012	-0.088	.098
CENTROID Y	.079	.268	.249
POA TO CENTROID in.	.079	.282	.268
MIN RADIUS	.124	.246	.193
MEAN RADIUS	.990	.908	.808
MAX RADIUS	1.923	1.491	1.452
HORIZONTAL SPREAD	2.613	2.613	2.181
VERTICAL SPREAD	3.200	2.204	2.204
EXTREME SPREAD	3.227	2.692	2.692
NUMBER IN ONE INCH CIRCLE =	3	5	7
NUMBER IN TWO INCH CIRCLE =	5	7	8
NUMBER IN THREE INCH CIRCLE =	7	8	8

11 Oct 1988

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CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 3

2in = 7

3in = 8

HS= 3.298

VS= 1.770

GS= 3.360

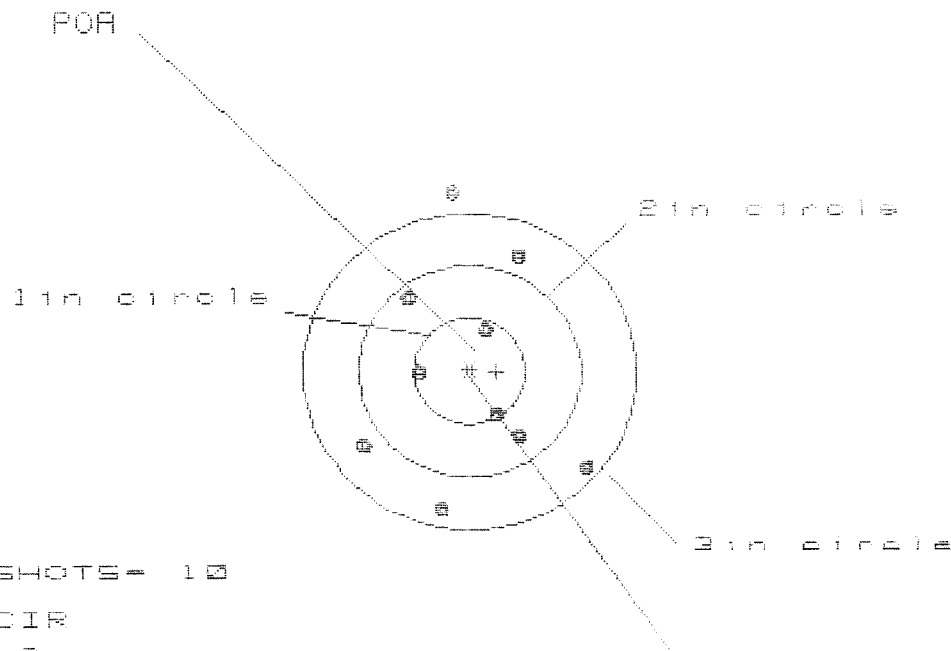
CENTROID *

PATTERN #	:	2	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.665	1.484	.906
MINIMUM X	:	-1.633	-.794	-.609
MAXIMUM Y	:	1.169	1.102	1.099
MINIMUM Y	:	-.601	-.643	-.646
CENTROID X	:	-.384	-.123	-.388
CENTROID Y	:	.059	.126	.129
POR TO CENTROID in.	:	.310	.176	.335
MIN RADIUS	:	.276	.403	.346
MEAN RADIUS	:	.841	.766	.634
MAX RADIUS	:	1.740	1.484	1.123
HORIZONTAL SPREAD	:	3.298	2.278	1.515
VERTICAL SPREAD	:	1.770	1.745	1.745
EXTREME SPREAD	:	3.360	2.281	1.745
NUMBER IN ONE INCH CIRCLE	=	3	3	3
NUMBER IN TWO INCH CIRCLE	=	7	7	7
NUMBER IN THREE INCH CIRCLE	=	8	8	8

11 Oct 1989

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CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 3

2in = 5

3in = 9

HS = 1.963

VS = 2.951

GS = 2.953

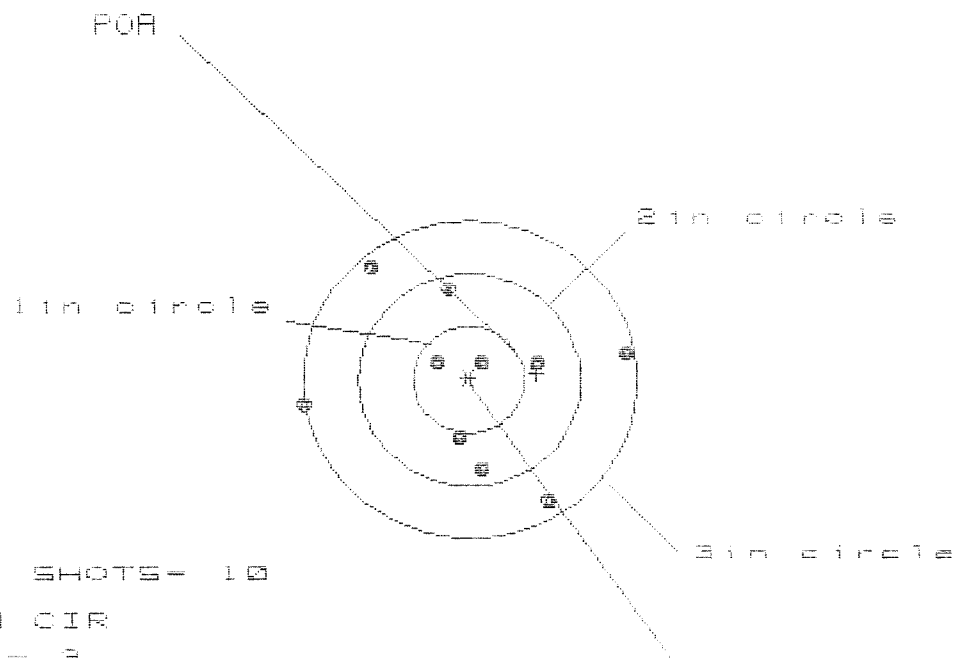
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.016	1.003	.592
MINIMUM X	-.947	-.960	-.834
MAXIMUM Y	1.683	1.277	1.181
MINIMUM Y	-1.268	-1.081	-1.177
CENTROID X	-.245	-.232	-.358
CENTROID Y	.004	-.183	-.087
POA TO CENTROID in.	.245	.295	.368
MIN RADIUS	.435	.275	.374
MEAN RADIUS	.971	.875	.820
MAX RADIUS	1.687	1.333	1.287
HORIZONTAL SPREAD	1.963	1.963	1.426
VERTICAL SPREAD	2.951	2.358	2.358
EXTREME SPREAD	2.953	2.439	2.439
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		9	

11 Oct 1989

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CENTERFIRE PATTERNS

4



OF SHOTS= 10

IN CIR

1in = 2

2in = 6

3in = 9

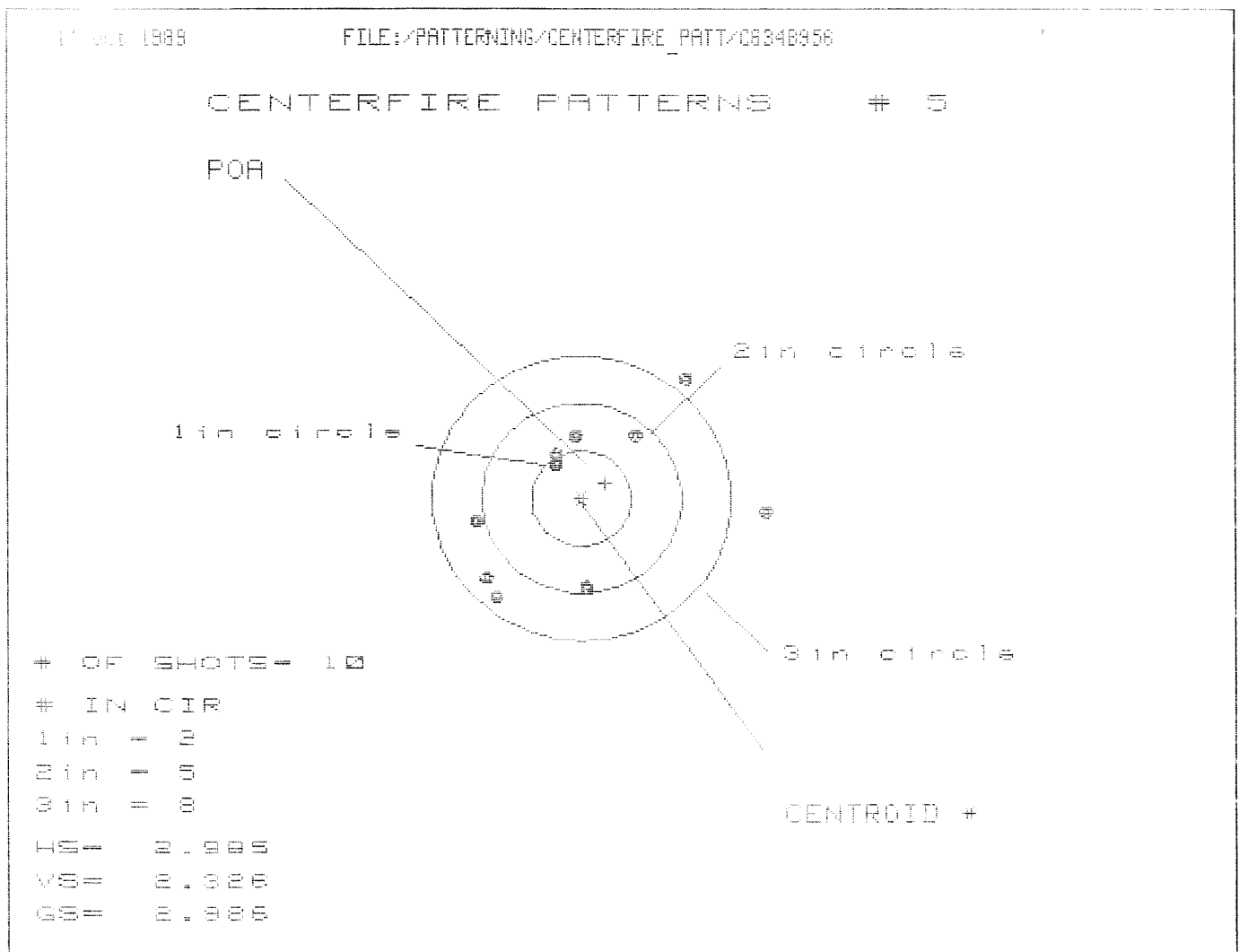
HS= 2.919

VS= 2.219

GS= 2.968

CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.409	1.241	.714
MINIMUM X	:	-1.510	-1.012	-.857
MAXIMUM Y	:	1.074	1.047	1.079
MINIMUM Y	:	-1.145	-1.172	-1.139
CENTROID X	:	-.608	-.440	-.595
CENTROID Y	:	-.062	-.035	-.068
POA TO CENTROID in.	:	.611	.441	.599
MIN RADIUS	:	.209	.125	.204
MEAN RADIUS	:	.917	.836	.775
MAX RADIUS	:	1.530	1.456	1.378
HORIZONTAL SPREAD	:	2.919	2.253	1.571
VERTICAL SPREAD	:	2.219	2.219	2.219
EXTREME SPREAD	:	2.968	2.719	2.719
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			9	



PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.880	1.215	.861
MINIMUM X	-1.105	-.996	-.744
MAXIMUM Y	1.257	1.239	.760
MINIMUM Y	-1.069	1.007	.902
CENTROID X	-.245	-.453	-.505
CENTROID Y	-.162	-.144	-.299
POA TO CENTROID in.	.293	.476	.625
MIN RADIUS	.430	.343	.312
MEAN RADIUS	1.056	.991	.937
MAX RADIUS	1.887	1.736	1.613
HORIZONTAL SPREAD	2.985	2.111	1.985
VERTICAL SPREAD	2.326	2.326	1.985
EXTREME SPREAD	2.986	2.956	2.985
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		