C6225548

MODEL 700™ M24

Model SWS™

Action

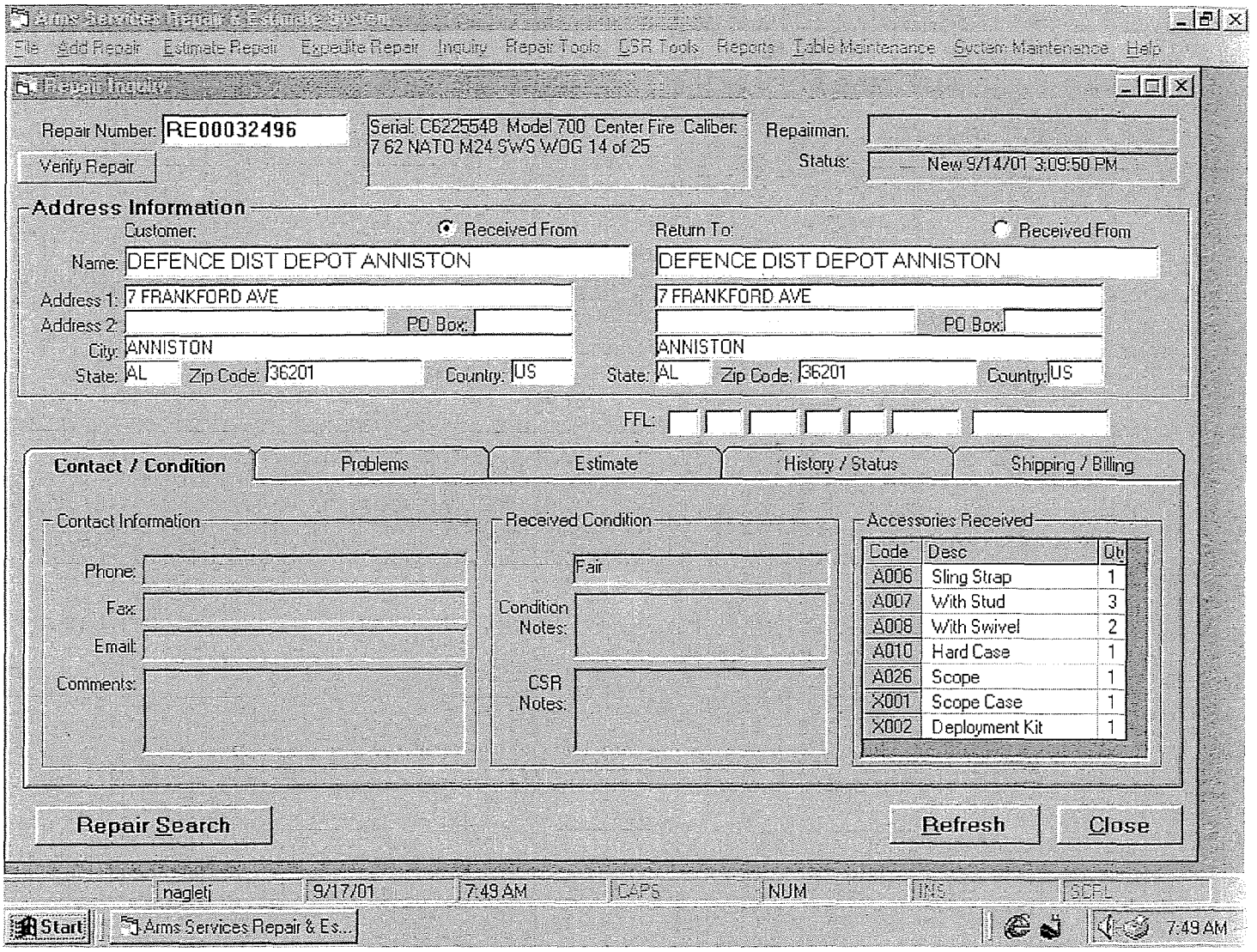
Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington®



Serial Number: C6225548

Model: 700

RE00032496

Remington Test Lab, Ilion, N.Y.

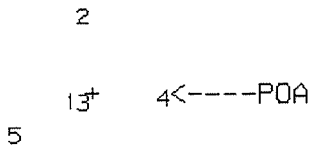
Centroidal distance calculations for Rifle # c6225548
3 Oct 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0664
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0146
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0679862

THE AMR FOR THIS RIFLE IS: 1.147

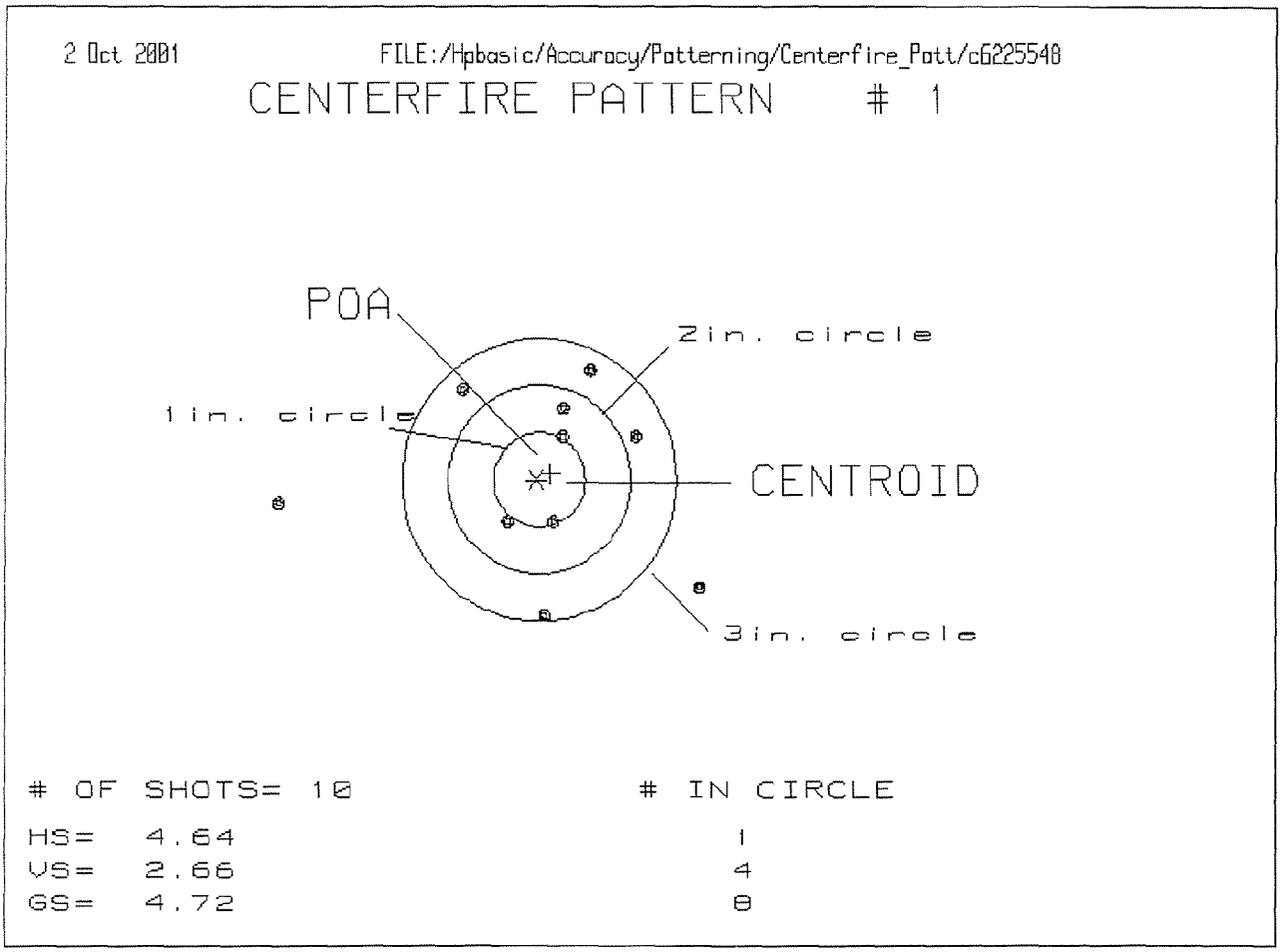
CENTROIDAL DISTANCES

0 TO 1 .164344
1 TO 2 .588031
1 TO 3 .0852115
1 TO 4 .637572
1 TO 5 .438211



REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: □ 1 □	
POA TO CENTROID:	.164
MIN RADIUS :	.488
MEAN RADIUS :	1.255
MAX RADIUS :	2.856
CENTROID X :	-.153
CENTROID Y :	-.060



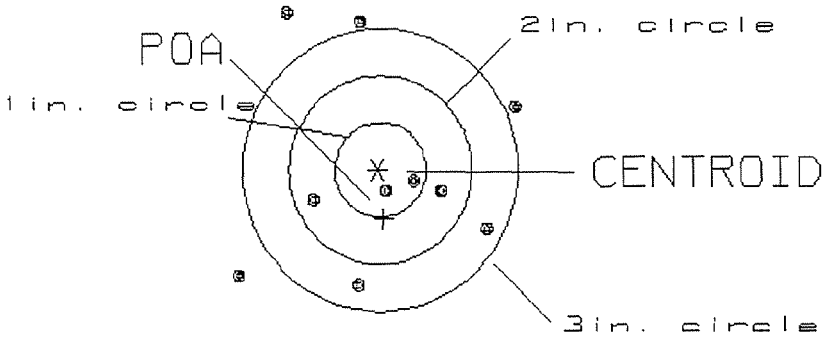
REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: □ 2 □

POA TO CENTROID:		.526
MIN RADIUS	:	.277
MEAN RADIUS	:	1.171
MAX RADIUS	:	1.911
CENTROID X	:	-.069
CENTROID Y	:	.522

2 Oct 2001 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225548

CENTERFIRE PATTERN # 2



# OF SHOTS= 10	# IN CIRCLE
HS= 3.02	2
VS= 2.82	4
GS= 3.50	6

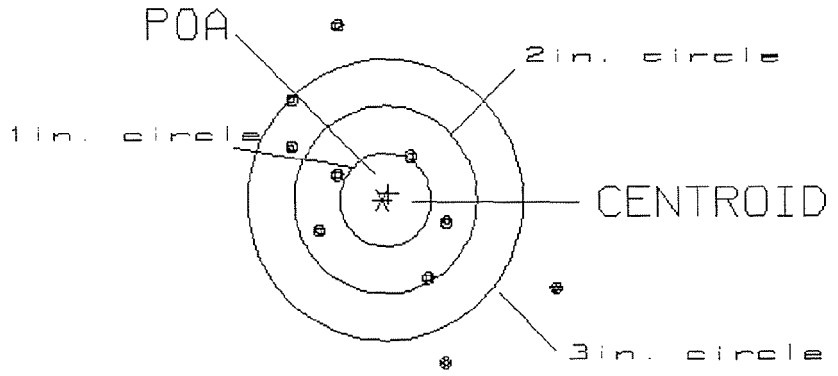
REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: □ 3 □

POA TO CENTROID:		.095
MIN RADIUS	:	.510
MEAN RADIUS	:	1.207
MAX RADIUS	:	2.037
CENTROID X	:	-.068
CENTROID Y	:	-.066

2 Oct 2001 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225548

CENTERFIRE PATTERN # 3



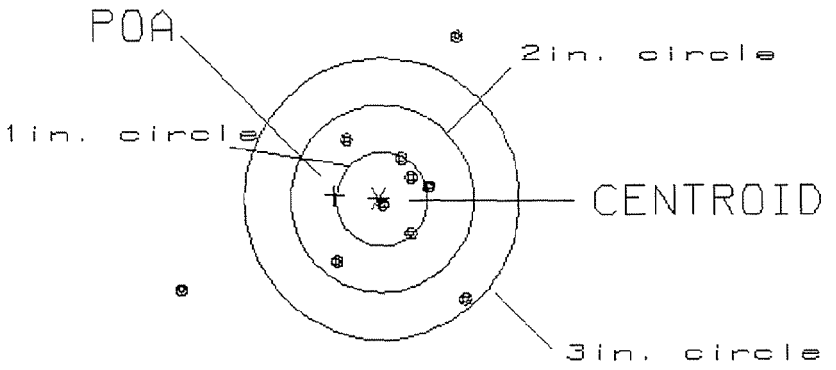
# OF SHOTS= 10	# IN CIRCLE
HS= 2.88	0
VS= 3.60	5
GS= 3.80	7

REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: □ 4 □	
POA TO CENTROID:	.485
MIN RADIUS :	.068
MEAN RADIUS :	.926
MAX RADIUS :	2.353
CENTROID X :	.484
CENTROID Y :	-.033

2 Oct 2001 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225548

CENTERFIRE PATTERN # 4



# OF SHOTS= 10	# IN CIRCLE
HS= 3.11	3
VS= 2.66	7
GS= 4.00	8

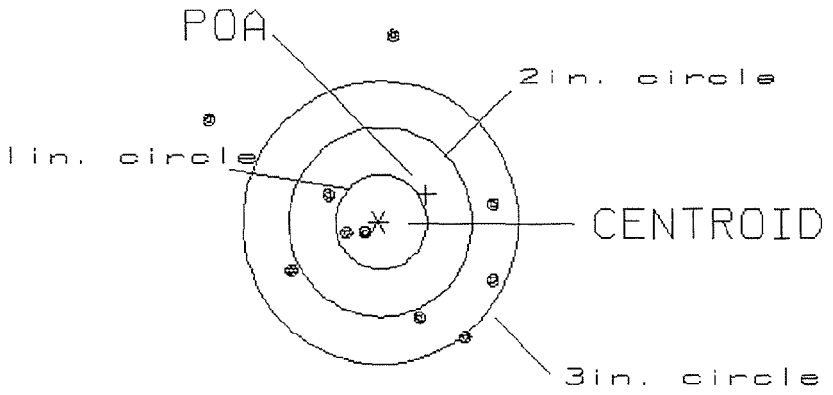
REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: □ 5 □

POA TO CENTROID:		.600
MIN RADIUS	:	.186
MEAN RADIUS	:	1.178
MAX RADIUS	:	2.137
CENTROID X	:	-.526
CENTROID Y	:	-.290

2 Oct 2001 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225548

CENTERFIRE PATTERN # 5



# OF SHOTS= 10	# IN CIRCLE
HS= 3.09	2
VS= 3.29	3
GS= 3.64	7

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-97-C-242

R & E NUMBER 32496

SERIAL NUMBER CL622 5548

LOG-IN DATE 9-13-01

INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	9-18-01	RTH
560 A	RE-BARREL AT CUSTOM SHOP	9/20/01	BWT
B	DRILL AND TAP	9/20/01	BWT
C	POLISH	9-26-01	GP
575	ASSEMBLE	9-20-01	RTH
600	PROOF	9-21-01	RW
605	CHECK HEADSPACE	9-24-01	RTH
610	DIS-ASSEMBLE GUN	9-24-01	RTH
612	MAGNAFLUX OPERATOR	AC	
615	ROLLMARK CALIBER	9/20/01	RW
618	ROTO-BLAST	9/25	JS
620	APPLY COATINGS	9/28	RTH
625 A	FINAL ASSEMBLY	10-1-01	RTH
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	10/2/01	RW
655	FINAL INSPECT	10-4-01	RTH
660	PACK	10-5-01	RTH
	QAR INSPECTION DATE	SHIP DATE	

SWS/Repair

[redacted]

Final Inspection

In: C622-5548	Date Rec'd: 9-13-01	Date Ret'd: N/A

Inspector: RH

Item:

Barrel Assy.
- ✓ Barrel
- ✓ Receiver
- ✓ Front Sight Block
- ✓ Rear Sight Block
- ✓ Screws
- ✓ Finish

Scope Assy.
- ✓ Scope
- ✓ Scope Rings
- ✓ Mounting Screws
- ✓ Mounting Base
- ✓ Screws
- ✓ Finish
- ✓ Looseness
- ✓ Clarity

Misc.
- ___ DD-250
- ___ Bar Code
- ___ Packaging

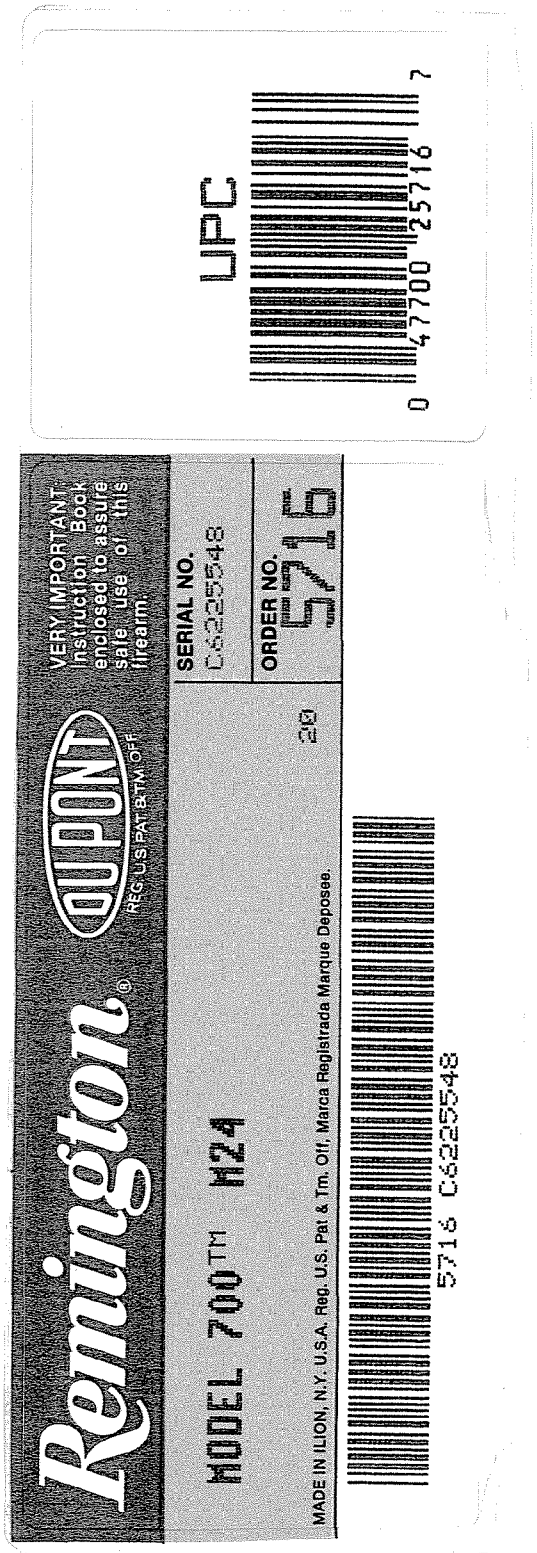
Item:

Stock Assy.
- ✓ Stock
- ✓ Sling Swivel Studs
- ✓ Adjustable Butt Plate
- ✓ Lock Nuts
- ✓ Barrel Clearance
- ✓ Color/Finish

Systems Case
- ✓ Scope Case
- ✓ Iron Sights
- ✓ Deployment Kit

Trigger
- ✓ Safety Operation
- ✓ Set
- ___

Comments: _____


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.
C6225548
ORDER NO.
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off. Marca Registrada Marque Deposee.
20
5716 C6225548
UPC
0 47700 25716 7

Scope 0492

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225548

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock	12 9	88	RW
600	Proof	12 9	88	RW
607	Check Headspace	12 9	88	RW
610	Dis-assemble Gun	12 9	88	RW
612	Magnaflux Barrel Action		12 22 88	R/C.
	Magnaflux Bolt		1-3-89	R/C.
615	Rollmark Caliber		12/22/88	WRC.
617	Drill and Tap Sight Holes	1 3	89	FB
618	Polish Barrel	12 2	88	WF
620	Apply Coatings (Barrel Action)		1-18-89	TSA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/3/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/3/89	RW
	C) Inspect Ejector Hole for Chamfer		2/3/89	RW
	D) Oil Firing Pin Ass'y		2/3/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		3/1/89	GS

op. #	OP. NAME	READINGS	DATE	INITIAL
625 cont.	F) Safety On Force	6 | 5 | 5	6 Feb 89	JSS
	G) Safety Off Force	3 | 3 | 3	6 Feb 89	JSS
	H) Trigger Pull Test & Retainability		3 Feb 89	JSS
	I) Firing Pin Indent	.021 | .021 | .021	6 Feb 89	JSS
	J) Assemble Stock		2/13/89	RW
	K) Assemble Swivel Studs		16 Feb 89	JSS
	L) Attach Front and Rear Sight Assemblies		2/13/89	RW
	M) Iron Sight Alignment		2/13/89	RW
	N) Detach Front & Rear Sights & place in numbered container		2/13/89	RW
	O) Attach Scope to Rifle		15 Feb 89	JSS
	P) Detach & Attach Scope 20 Times		15 Feb 89	JSS
640	Gallery Target & Test	47R 47L	2/15/89	AC
	A) Time		"	AC
	B) Malfunctions	NONE	"	AC
	C) Pierced Primers	NONE	"	AC
	D) Optical Clearity of Scope	OK	2/15/89	AC
645	Inspect for Live Ammo	NONE	2/15/89	AC
655	Final Inspection A) Headspace		16 Feb 89	JSS
	B) Trigger Pull	2.35 | 2.47 | 2.59 | 2.46 | 2.57	16 Feb 89	JSS
	C) Function		16 Feb 89	JSS
660	Pack		22 Mar 89	JSS

SWS TRIGGER PULL TEST

5548

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

SERIAL NO. ~~C6225077~~

DATE 5/9/89

TESTER WB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.54	2.55	2.17	2.51	MIN. SETTING,
PULL #2	2.49	2.32	2.34	2.78	NO AVG. OF 5
PULL #3	2.50	2.42	2.27	2.62	READINGS ACCEPT-
PULL #4	2.41	2.55	2.40	2.76	ABLE LESS THAN 2#
PULL #5	2.41	2.51	2.44	2.68	
TOTAL	12.35	12.35	11.62	13.35	
AVG.	2.47	2.47	2.32	2.67	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.20	3.10		
PULL #2	3.27	3.24		
PULL #3	3.08	3.19		
PULL #4	3.21	3.26		
PULL #5	3.14	3.10		
TOTAL	15.90	15.89		
AVG.	3.18	3.18		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.10	4.10	~~4.03~~	4.03
PULL #2	4.14	4.10	~~3~~	3.95
PULL #3	4.11	4.12		4.09
PULL #4	4.19	4.12		3.98
PULL #5	4.13	4.09		4.06
TOTAL	20.67	20.53		20.11
AVG.	4.13	4.11		4.02

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225548
17 Feb 1989

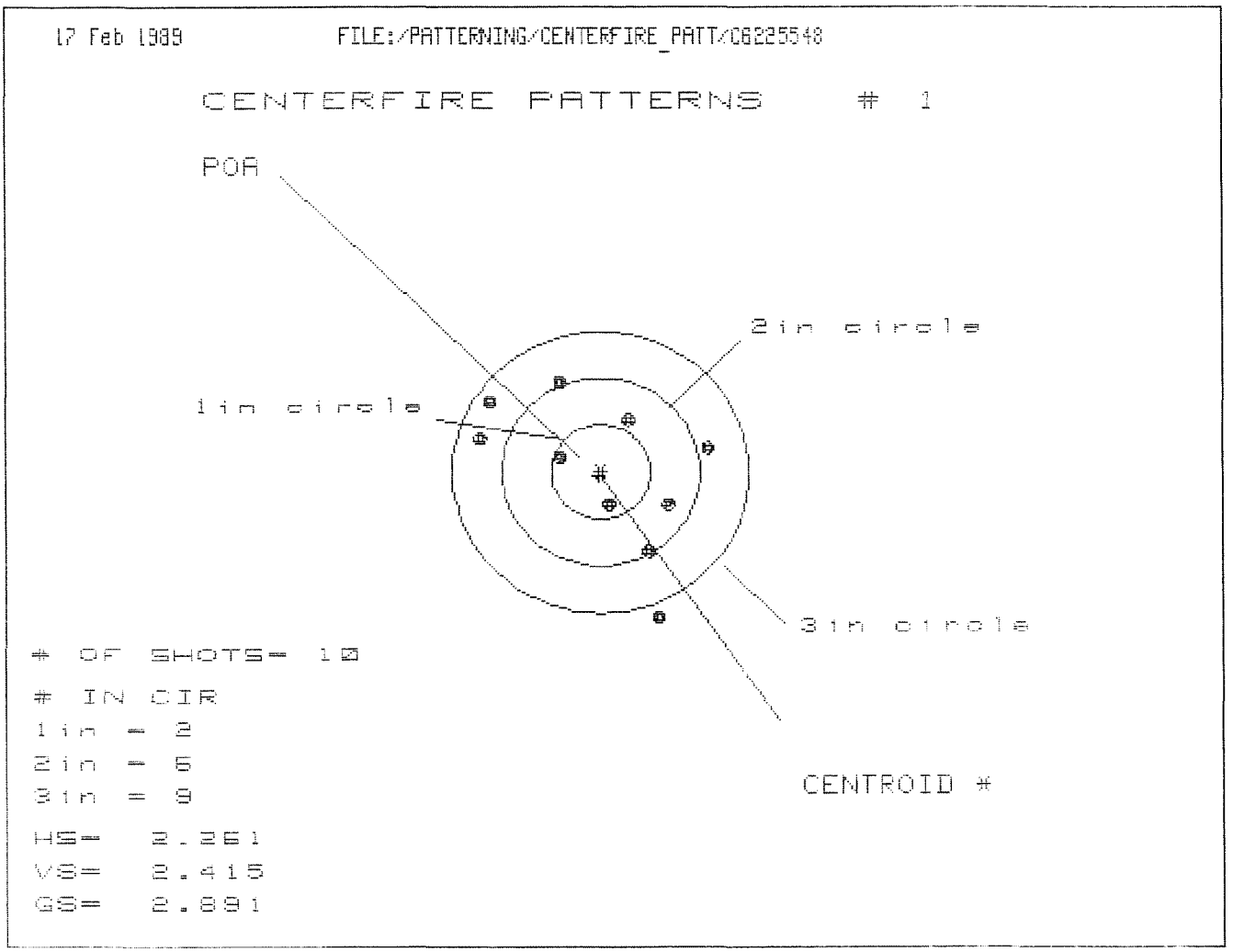
CENTROIDAL DISTANCES

0	TO	1	.0483322
1	TO	2	.123369
1	TO	3	.509181
1	TO	4	.353074
1	TO	5	.483175

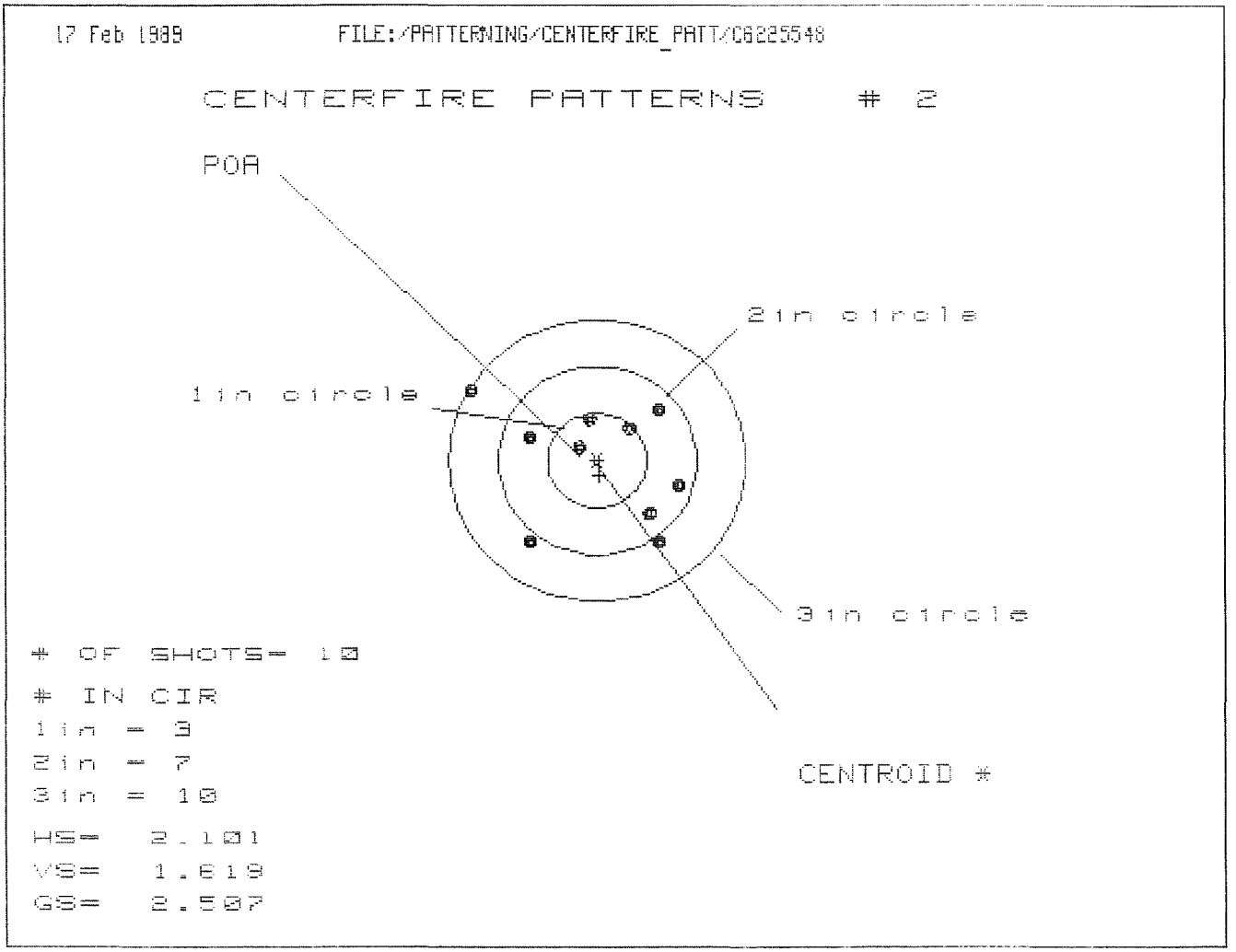
<----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.233
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1014
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .254108

THE AMR FOR THIS RIFLE IS: .923

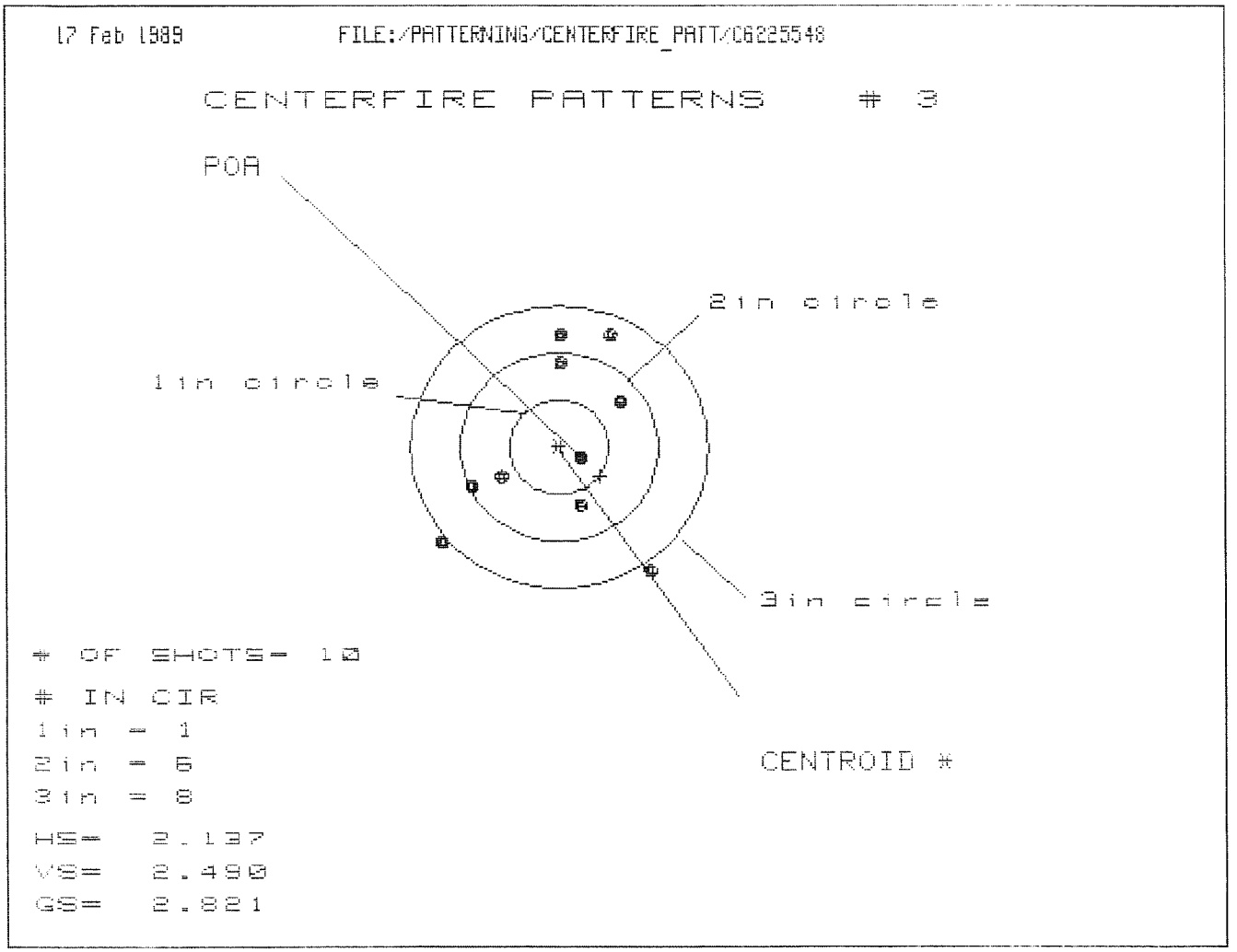


PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.042	1.107	.970
MINIMUM X	:	-1.219	-1.154	-1.291
MAXIMUM Y	:	.911	.744	.824
MINIMUM Y	:	-1.504	-1.036	-.956
CENTROID X	:	.020	-.045	.092
CENTROID Y	:	.044	.211	.131
POA TO CENTROID in.	:	.048	.216	.160
MIN RADIUS	:	.336	.391	.403
MEAN RADIUS	:	.959	.878	.815
MAX RADIUS	:	1.613	1.267	1.324
HORIZONTAL SPREAD	:	2.261	2.261	2.261
VERTICAL SPREAD	:	2.415	1.780	1.780
EXTREME SPREAD	:	2.891	2.341	2.264
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

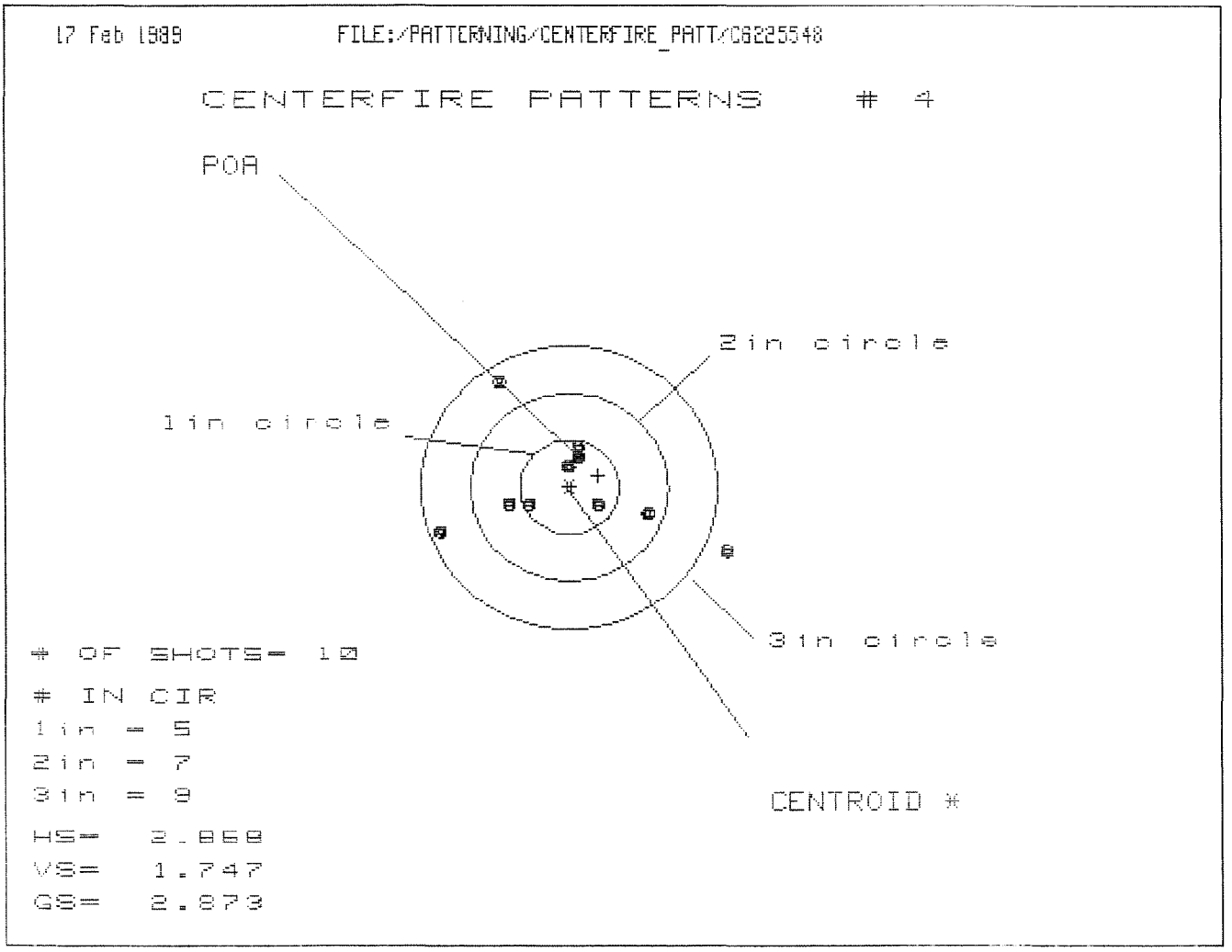


PATTERN # : 2

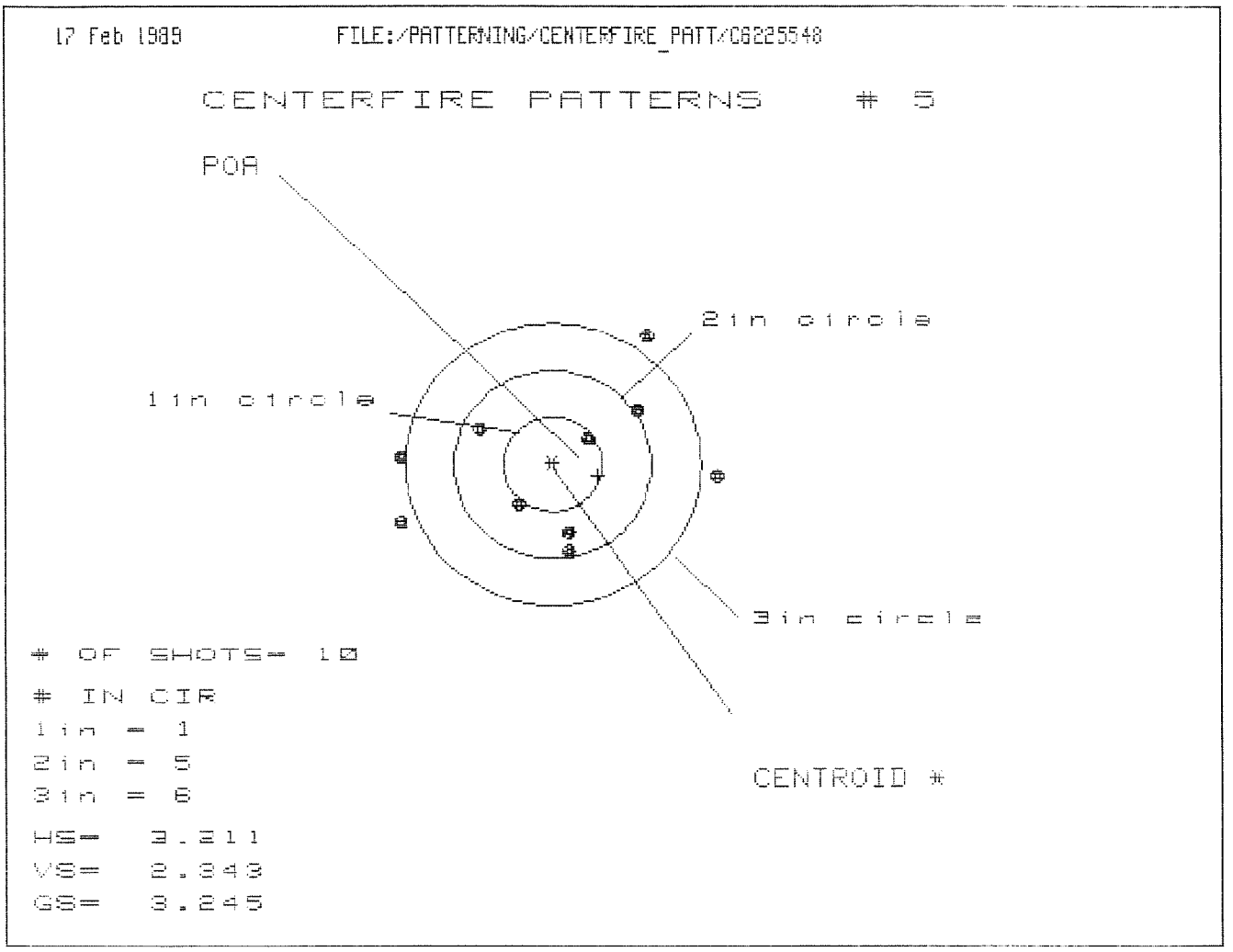
SHOTS (BEST OF) :	10	9	8
MAXIMUM X :	.804	.660	.557
MINIMUM X :	-1.297	-.829	-.920
MAXIMUM Y :	.744	.641	.542
MINIMUM Y :	-.875	-.793	-.860
CENTROID X :	-.022	.122	.225
CENTROID Y :	.160	.078	.177
POA TO CENTROID in. :	.162	.144	.286
MIN RADIUS :	.290	.454	.349
MEAN RADIUS :	.799	.717	.639
MAX RADIUS :	1.495	1.147	.953
HORIZONTAL SPREAD :	2.101	1.489	1.477
VERTICAL SPREAD :	1.619	1.434	1.402
EXTREME SPREAD :	2.507	1.947	1.720
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		10	



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.948	.697	.561
MINIMUM X	:	-1.189	-1.084	-.877
MAXIMUM Y	:	1.201	1.058	.912
MINIMUM Y	:	-1.288	-1.174	-.929
CENTROID X	:	-.416	-.521	-.385
CENTROID Y	:	.307	.451	.597
POA TO CENTROID in.	:	.517	.689	.711
MIN RADIUS	:	.252	.421	.456
MEAN RADIUS	:	.986	.919	.814
MAX RADIUS	:	1.599	1.598	1.119
HORIZONTAL SPREAD	:	2.137	1.781	1.438
VERTICAL SPREAD	:	2.490	2.232	1.841
EXTREME SPREAD	:	2.821	2.821	2.120
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.594	1.008	.871
MINIMUM X	:	-1.274	-1.097	-.620
MAXIMUM Y	:	1.076	1.002	.930
MINIMUM Y	:	-.671	-.572	-.403
CENTROID X	:	-.290	-.467	-.330
CENTROID Y	:	-.125	-.051	.021
POA TO CENTROID in.	:	.316	.469	.330
MIN RADIUS	:	.180	.184	.035
MEAN RADIUS	:	.759	.642	.530
MAX RADIUS	:	1.729	1.238	1.118
HORIZONTAL SPREAD	:	2.868	2.105	1.491
VERTICAL SPREAD	:	1.747	1.574	1.303
EXTREME SPREAD	:	2.873	2.119	2.000
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	:	1.654	1.761	1.581
MINIMUM X	:	-1.557	-1.450	-1.630
MAXIMUM Y	:	1.417	.753	.698
MINIMUM Y	:	-.926	-.769	-.824
CENTROID X	:	-.457	-.564	-.384
CENTROID Y	:	.121	-.036	.019
POA TO CENTROID in.	:	.473	.565	.384
MIN RADIUS	:	.421	.334	.446
MEAN RADIUS	:	1.112	1.024	.956
MAX RADIUS	:	1.710	1.763	1.636
HORIZONTAL SPREAD	:	3.211	3.211	3.211
VERTICAL SPREAD	:	2.343	1.522	1.522
EXTREME SPREAD	:	3.245	3.245	3.213
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		6	