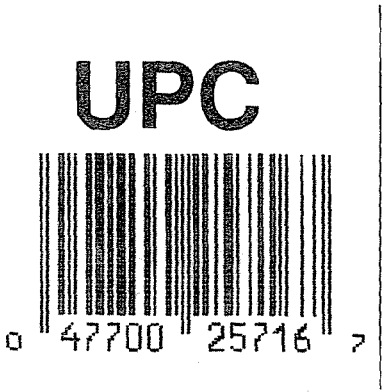
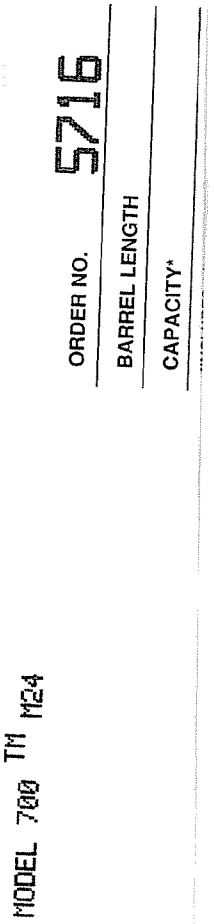


C6649163


ORDER NO. 516
BARREL LENGTH
CAPACITY*
MODEL 700 TM M24

Remington DUPONT REG. U.S. PAT. & TM. OFF.

VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.

MODEL 700 TM M24

SERIAL NO. C6649163

20

ORDER NO. 5716

MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.

5716 C6649163

ORDER 5716
MODEL 700 TM M24
UPC

0 47700 25716 7

ORDER 5716
MODEL 700 TM M24
UPC

0 47700 25716 7

M-24

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6649163

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10 1	91	RW
600	Proof	10 1	91	RW
607	Check Headspace	10 1	91	RW
610	Dis-assemble Gun	10 1	91	RW
612	Magnaflux Barrel Action	OCT 1	0 1991	KTR
	Magnaflux Bolt	OCT	1 0 1991	KTR
615	Rollmark Caliber	OCT	1 0 1991	GL
617	Drill and Tap Sight Holes	OCT 1	0 1991	LB
618	Polish Barrel		10/15/91	WB
620	Apply Coatings (Barrel Action)		11/7/91	AS
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/11/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/11/91	RW
	C) Inspect Ejector Hole for Chamfer		11/11/91	RW
	D) Oil Firing Pin Ass'y		11/11/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		12/30/91	WB

op. #	OPERATION NAME BARBER - M24 0065528	READINGS					DATE	INIT
625 cont.	F) Safety On Force	3½	3½	3½			12/31/91	WB
	G) Safety Off Force	2	2	2			12/31/91	WB
	H) Trigger Pull Test & Retainability						12/30/91	WB
	I) Firing Pin Indent	.021	.0205	.021			12/31/91	WB
	J) Assemble Stock						1/3/92	RW
	K) Assemble Swivel Studs						1-7-92	AC
	L) Attach Front and Rear Sight Assemblies						1/3/92	RW
	M) Iron Sight Alignment						1/3/92	RW
	N) Detach Front & Rear Sights & place in numbered container						1/3/92	RW
	O) Attach Scope to Rifle						1/3/92	RW
	P) Detach & Attach Scope 20 Times						1/3/92	RW
640	Gallery Target & Test						1-6-92	DH
	A) Time						1-6-92	DH
	B) Malfunctions						1-6-92	DH
	C) Pierced Primers						1-6-92	DH
	D) Optical Clearity of Scope						1-6-92	DH
645	Inspect for Live Ammo						1-6-92	DH
655	Final Inspection A) Headspace						1-9-92	AC
	B) Trigger Pull	2.33	2.37	2.34	2.32	2.18	1/7/92	RW
	C) Function						1-07-92	AC
660	Pack						2-25-92	[illegible]

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6649163
6 Jan 1992

CENTROIDAL DISTANCES

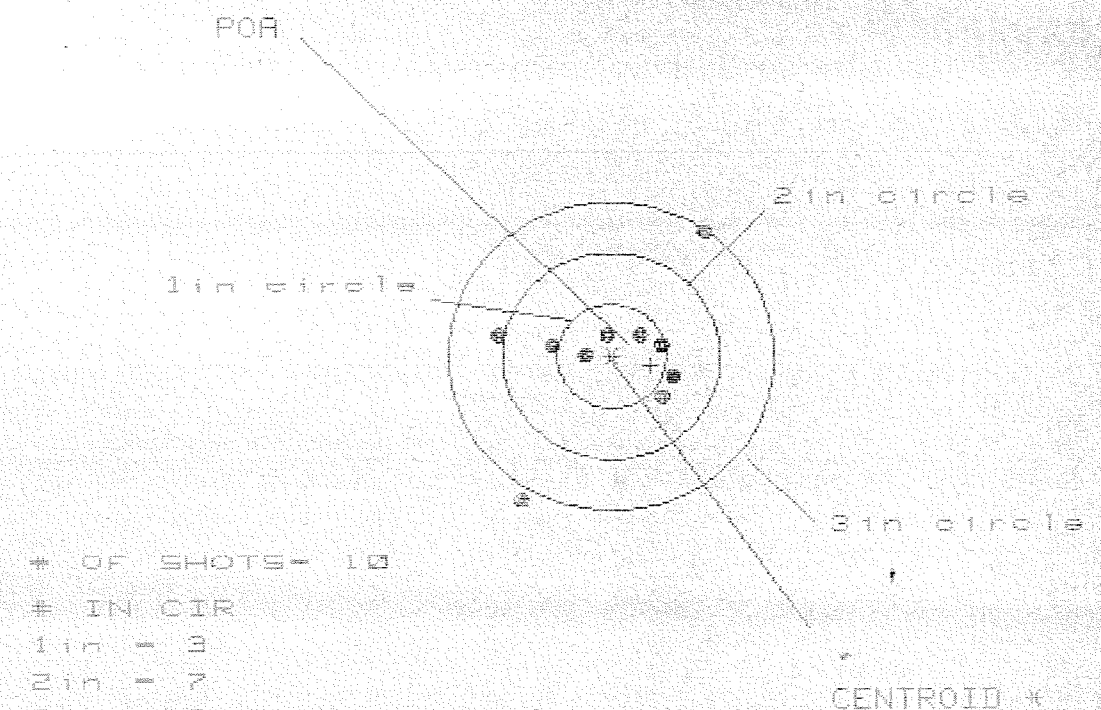
0	TO	1	.370354
1	TO	2	.647589
1	TO	3	.461556
1	TO	4	.468547
1	TO	5	.76029

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0672
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0692
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0964597

THE AMR FOR THIS RIFLE IS: .964

6 Jan 1992 FILE:/PATTERNING/CENTERFIRE_PATT/C0B491D3

CENTERFIRE PATTERNS # 1

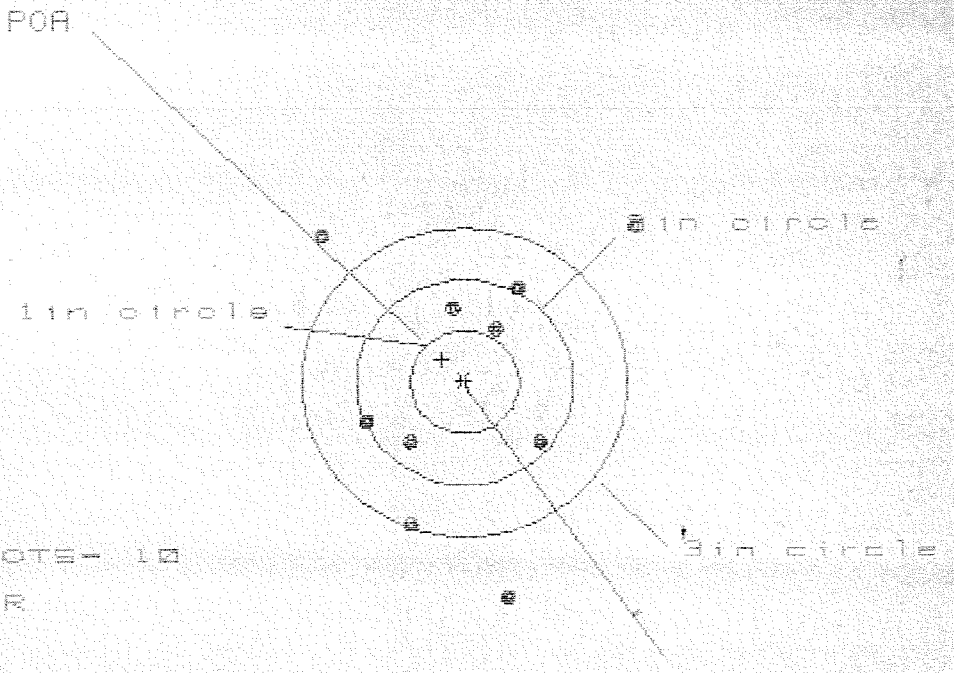


# OF SHOTS= 10
# IN CIR
1in = 3
2in = 7
3in = 9
HS= 1.930
VS= 2.621
GS= 3.109

PATTERN #	:	[redacted]	
SHOTS (BEST OF)	:	10	9	9
MAXIMUM X	:	.859	.769	.564
MINIMUM X	:	-1.071	-1.161	-1.065
MAXIMUM Y	:	1.215	1.058	.201
MINIMUM Y	:	-1.406	-.558	-.425
CENTROID X	:	-.359	-.269	-.365
CENTROID Y	:	.091	.248	.115
POA TO CENTROID in.	:	.370	.365	.382
MIN RADIUS	:	.204	.128	.196
MEAN RADIUS	:	.725	.605	.515
MAX RADIUS	:	1.624	1.303	1.084
HORIZONTAL SPREAD	:	1.930	1.930	1.629
VERTICAL SPREAD	:	2.621	1.616	.626
EXTREME SPREAD	:	3.109	2.169	1.692
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

8 Jan 1992 FILE:/PATTERNING/CENTERFIRE_PATT/C6545163

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

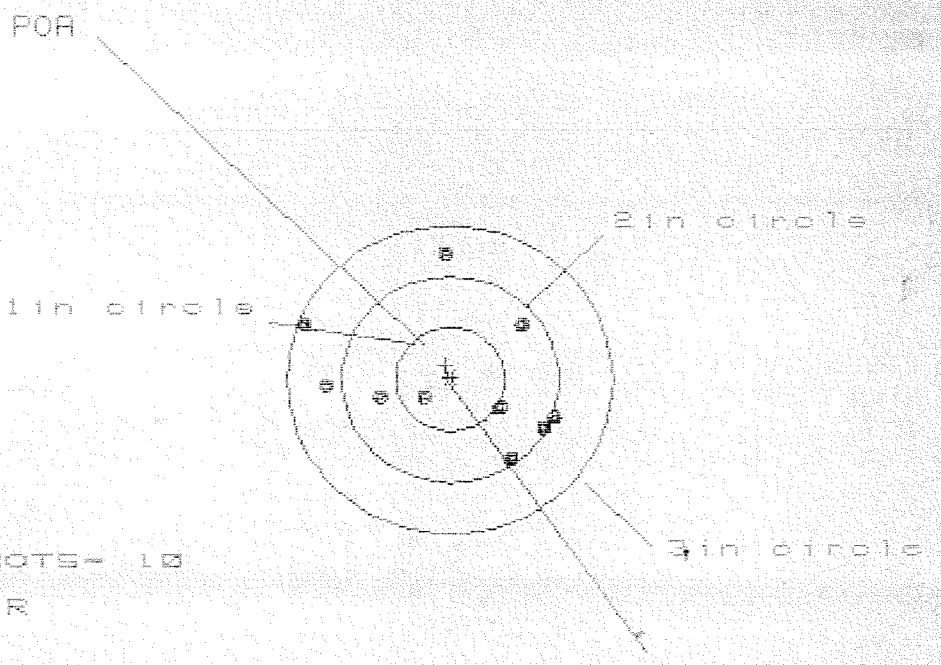
# IN CIR	
1in	= 0
2in	= 4
3in	= 6

HS= 2.910
VS= 3.562
GS= 3.850

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.596	.851	.917
MINIMUM X	:	-1.314	-1.137	-1.071
MAXIMUM Y	:	1.528	1.607	1.374
MINIMUM Y	:	-2.034	-1.864	-1.466
CENTROID X	:	.209	.032	-.034
CENTROID Y	:	-.220	-.390	-.157
POA TO CENTROID in.	:	.304	.392	.161
MIN RADIUS	:	.573	.578	.683
MEAN RADIUS	:	1.281	1.166	1.055
MAX RADIUS	:	2.210	1.969	1.742
HORIZONTAL SPREAD	:	2.910	1.988	1.988
VERTICAL SPREAD	:	3.562	3.471	2.840
EXTREME SPREAD	:	3.850	3.850	2.944
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		6	

6 Jan 1992 FILE:/PATTERNING/CENTERFIRE_PATT/C66491163

CENTERFIRE PATTERNS # 3

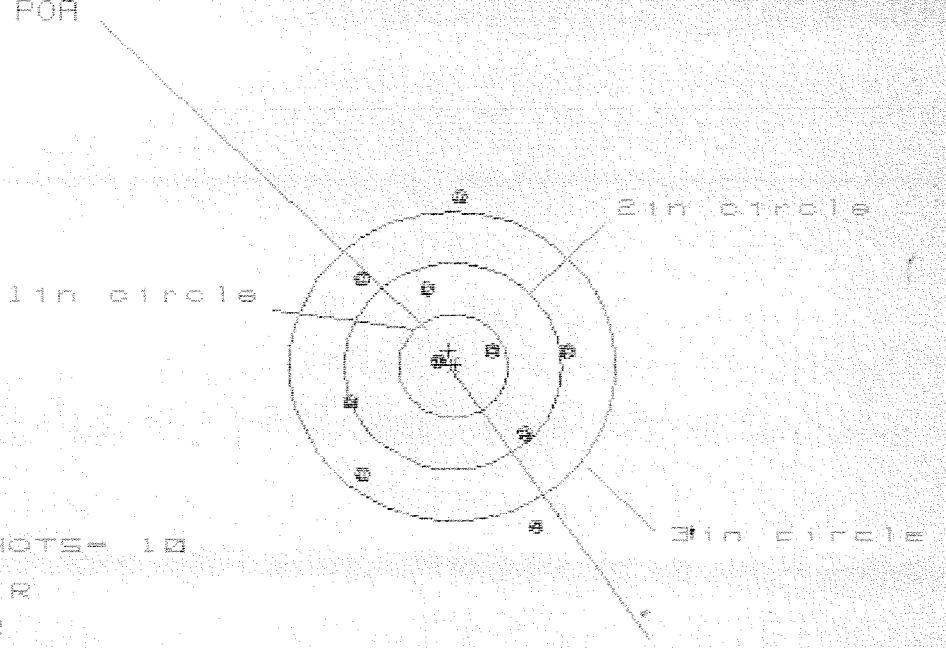


# OF SHOTS= 10
# IN CIR
1in = 1
2in = 5
3in = 10
HS= 2.259
VS= 1.925
GS= 2.403

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.948	.802	.775
MINIMUM X	:	-1.311	-1.307	-1.334
MAXIMUM Y	:	1.201	1.256	.755
MINIMUM Y	:	-.724	-.669	-.512
CENTROID X	:	.044	.190	.217
CENTROID Y	:	-.134	-.189	-.346
POA TO CENTROID in.	:	.141	.268	.408
MIN RADIUS	:	.310	.354	.281
MEAN RADIUS	:	.894	.814	.730
MAX RADIUS	:	1.400	1.308	1.339
HORIZONTAL SPREAD	:	2.259	2.109	2.109
VERTICAL SPREAD	:	1.925	1.925	1.267
EXTREME SPREAD	:	2.403	2.121	2.121
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

6 Jan 1992 FILE:/PATTERNING/CENTERFIRE_PATT/C08451B3

CENTERFIRE PATTERNS # 4



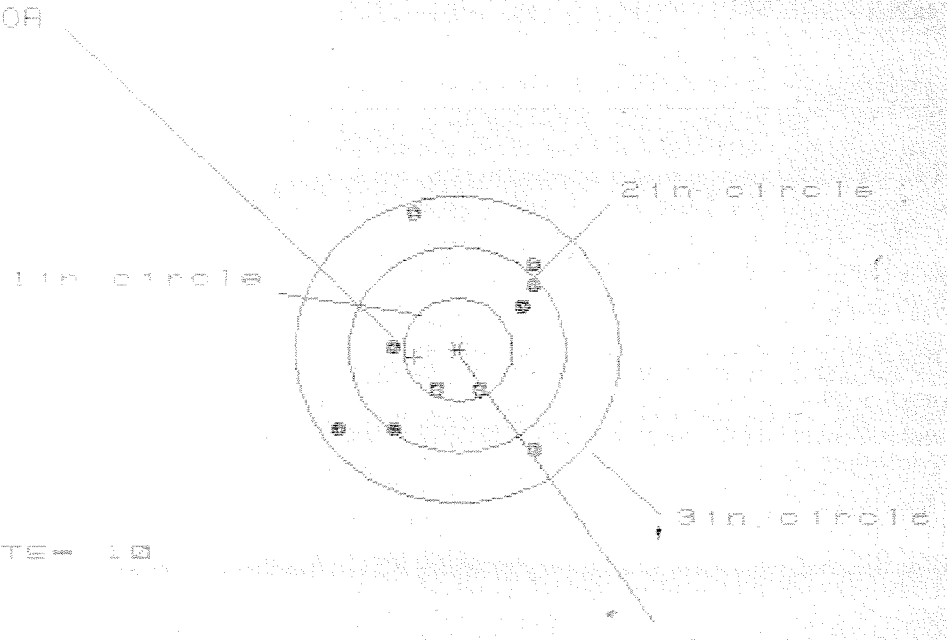
# OF SHOTS= 10
# IN CIR
1in = 2
2in = 5
3in = 8

HS= 1.973
VS= 3.219
GS= 3.312

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.038	1.127	1.139
MINIMUM X	:	-.935	-.846	-.834
MAXIMUM Y	:	1.692	1.522	.865
MINIMUM Y	:	-1.527	-1.234	-1.044
CENTROID X	:	.041	-.048	-.060
CENTROID Y	:	-.153	.017	-.173
POA TO CENTROID in.	:	.158	.050	.184
MIN RADIUS	:	.120	.091	.100
MEAN RADIUS	:	1.025	.931	.856
MAX RADIUS	:	1.721	1.525	1.277
HORIZONTAL SPREAD	:	1.973	1.973	1.973
VERTICAL SPREAD	:	3.219	2.756	1.909
EXTREME SPREAD	:	3.312	2.884	2.211
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

6 Jan 1992 FILE:/PATTERNING/CENTERFIRE_PATT/C6B49163

CENTERFIRE PATTERNS # 5



\# OF SHOTS= 10
\# IN CIR
11in = 2
21in = 6
31in = 10
HS= 1.809
VS= 2.254
GS= 2.532

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.746	.701	.563
MINIMUM X	:	-1.063	-1.108	-.824
MAXIMUM Y	:	1.284	.959	.886
MINIMUM Y	:	-.970	-.828	-.901
CENTROID X	:	.401	.447	.585
CENTROID Y	:	.070	-.072	.001
POA TO CENTROID in.	:	.408	.453	.585
MIN RADIUS	:	.399	.272	.315
MEAN RADIUS	:	.895	.824	.773
MAX RADIUS	:	1.347	1.254	1.062
HORIZONTAL SPREAD	:	1.809	1.809	1.387
VERTICAL SPREAD	:	2.254	1.787	1.787
GROUP SIZE	:	2.532	2.375	2.066
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

SWS TRIGGER PULL TEST

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

SERIAL NO. C6649163
DATE 12/30/91
TESTER WB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.35	2.27	2.39		MIN. SETTING,
PULL #2	2.32	2.22	2.35		NO AVG. OF 5
PULL #3	2.39	2.22	2.36		READINGS ACCEPT-
PULL #4	2.44	2.22	2.31		ABLE LESS THAN 2#
PULL #5	2.40	2.20	2.36		
TOTAL	11.90	11.13	11.77		
AVG.	2.38	2.22	2.35		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.09	3.17		
PULL #2	3.12	3.18		
PULL #3	3.13	3.17		
PULL #4	3.00	3.15		
PULL #5	3.14	3.14		
TOTAL	15.48	15.81		
AVG.	3.09	3.16		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.03	4.02		4.07
PULL #2	4.02	4.02		4.12
PULL #3	4.06	4.00		4.21
PULL #4	4.04	4.00		4.18
PULL #5	4.01	4.04		4.21
TOTAL	20.16	20.08		20.79
AVG.	4.05	4.02		4.16

LOT RAC9C001-012 M-24

CFM

CONTRACT # DAAA21-87-C-0086 ENDURANCE GUN #2

GUN SERIAL # C6611816

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		1/22/91	KS
600	Proof		1/22/91	KS
607	Check Headspace		1/22/91	KS
610	Dis-assemble Gun		1/22/91	KS
612	Magnaflux Barrel Action		1/29/91	KR
	Magnaflux Bolt		"	KR
615	Rollmark Caliber		"	DS
617	Drill and Tap Sight Holes		2 2 91	FB
618	Polish Barrel RBB		2 2 91	RBB
620	Apply Coatings (Barrel Action)		2-11-91	DA
	Apply Coating (Bolt)			DA
625	Final Assembly A) Clean inside of Bolt Assembly		2/12/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/12/91	KS
	C) Inspect Ejector Hole for Chamfer		2/12/91	KS
	D) Oil Firing Pin Ass'y		2/12/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		2/13/91	

op. #	OPERATION	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5½	5½	5½			2/13/91	WB
	G) Safety Off Force	7½	7½	7½			2/13/91	WB
	H) Trigger Pull Test & Retainability						2/13/91	
	I) Firing Pin Indent	.020	.0202	.0202			2/13/91	WB
	J) Assemble Stock						2/13/91	KA
	K) Assemble Swivel Studs						2-21-91	AC
	L) Attach Front and Rear Sight Assemblies						2/13/91	KA
	M) Iron Sight Alignment						2/13/91	KA
	N) Detach Front & Rear Sights & place in numbered container						2/13/91	KA
	O) Attach Scope to Rifle						2/13/91	KA
	P) Detach & Attach Scope 20 Times						2/13/91	KA
640	Gallery Target & Test						2-13-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clearity of Scope						"	NF
645	Inspect for Live Ammo						2-13-91	NF
655	Final Inspection A) Headspace						2-21-91	AC
	B) Trigger Pull	2.75	2.72	2.74	2.84	2.76	2/19/91	WB
	C) Function						2-21-91	AC
660	Pack							

SWS TRIGGER PULL TEST

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

SERIAL NO. C6611816

DATE 2/13/91

TESTER

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.33	2.28	2.29	2.75	MIN. SETTING,
PULL #2	2.33	2.30	2.38	2.74	NO AVG. OF 5
PULL #3	2.22	2.27	2.26	2.72	READINGS ACCEPT-
PULL #4	2.21	2.27	2.25	2.84	ABLE LESS THAN 2#
PULL #5	2.21	2.27	2.30	2.76	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.50	3.15		
PULL #2	3.49	3.38		
PULL #3	3.44	3.35		
PULL #4	3.48	3.39		
PULL #5	3.51	3.39		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.19	4.29		4.50
PULL #2	4.28	4.31		4.16
PULL #3	4.25	4.28		4.29
PULL #4	4.20	4.43		4.20
PULL #5	4.25	4.39		4.39
TOTAL				
AVG.				

SWS ENDURANCE TEST REPORT

SERIAL NO. C 66115-16 SHOOTER R Bailey DATE 2/21/91

AMMO CODE AC-8	AMMO TYPE	RDS.	RESULTS	OBSERVATIONS
6T136-001	7.62	60	TEST FIRE TARGET	NONE
	7.62	60	OK RB	NONE
	7.62	60	OK RB	NONE
	7.62	60	OK RB	NONE
	7.62	60	OK RB	NONE
	7.62	60	OK RB	NONE
	7.62	60	OK RB	NONE
	7.62	20	OK RB	NONE
		440	TOTAL 2/21/91	
	7.62	60	TEST FIRE TARGET	2-22-91 OK
		500	TOTAL	
	7.62	60	OK RB	NONE
	7.62	60	OK RB	NONE
	7.62	60	OK RB	NONE
	7.62	60	OK RB	NONE
	7.62	60	OK RB	NONE
	7.62	60	OK RB	NONE
	7.62	40	OK RB	NONE
		900	TOTAL 2/22/91	

SWS ENDURANCE TEST REPORT

SERIAL NO. C6611816 SHOOTER P. CRIM DATE 2-25-91

AMMO CODE	AMMO TYPE	RDS.	RESULTS	OBSERVATIONS
LC-8 GJ136-002	7.62	60	OK P.C.	NONE
	7.62	60	OK P.C.	NONE
	7.62	60	OK P.C.	NONE
	7.62	60	OK P.C.	NONE
	7.62	60	OK P.C.	NONE
	7.62	60	OK. P.C.	NONE
		1260	TOTAL 2-25-91	
	7.62	60	OK R.B	NONE
	7.62	60	OK R.B	NONE
	7.62	60	OK R.B	NONE
	7.62	60	OK R.B.	NONE
	7.62	60	OK R.B	NONE
	7.62	60	OK R.B	NONE
	762	40	OK R B	NONE
		1660	TOTAL 2/25/91	
LC	7.62	60	OK WT	None
	7.62	60	OK WT	None
	7.62	60	OK WT	None
	7.62	60	OK WT	None
	7.62	60	OK WT	None
	7.62	60	OK WT	None
	7.62	40	OK WT	None
		2060	Total 2/26/91	

SWS ENDURANCE TEST REPORT

SERIAL NO. CLL1816 SHOOTER R Bailey DATE 2/26/91

AMMO CODE	AMMO TYPE	RDS.	RESULTS	OBSERVATIONS
	7.62	60	OK R.B.	NONE
	7.62	60	OK R.B.	NONE
	7.62	60	OK R.B.	NONE
	7.62	60	OK R.B.	NONE
	7.62	60	OK R.B.	NONE
	7.62	60	OK R.B.	NONE
	7.62	60	OK R.B.	NONE
	7.62	20	OK R.B.	NONE
		2500	TOTAL 2/26/91	See Page 10
	7.62	60	OK R.B	NONE
	7.62	60	OK R.B	NONE
	7.62	60	OK R.B	NONE
	7.62	60	OK R.B	NONE
	7.62	60	OK R.B	NONE
	7.62	60	OK R.B	NONE
	7.62	60	OK R.B	NONE
	7.62	60	OK R.B	NONE
	7.62	20	OK R.B	NONE
		3000	TOTAL 2/27/91	
	7.62	60	OK R.S	NONE
	7.62	60	OK R.S	None
	7.62	60	OK R.S	None
		3180	Total	

SWS ENDURANCE TEST REPORT

SERIAL NO. C661816 SHOOTER Stahl DATE 2-28-91

AMMO CODE	AMMO TYPE	RDS.	RESULTS	OBSERVATIONS
	~~7.62~~	3180	Total	
	7.62	60	OK RS	None
	7.60	60	ok RS.	None
		3300	2-28-91	RS.
	7.62	60	OK RB	NONE
	7.62	40	OK RB	NONE
		3400	TOTAL 2/28/91	R.B.
	7.62	60	OK R.B.	NONE
	7.62	60	OK R.B.	NONE
	7.62	60	OK R.B	NONE
	7.62	60	OK R B	NONE
	7.62	60	OK R.B.	NONE
	7.62	60	OK R.B.	NONE
	7.62	40	OK R B	NONE
		3800	TOTAL 3/1/91	R Bailey
	7.62	60	OK RB	NONE
	7.62	60	OK RB	"
	7.62	60	ok RB	"
	7.62	60	ok RB	"
	7.62	30	ok RB	"
		4070	TOTAL	

SWS ENDURANCE TEST REPORT

SERIAL NO. C6611816 SHOOTER R Bailey DATE 3/4/91

AMMO CODE	AMMO TYPE	RDS.	RESULTS	OBSERVATIONS
~~7.62~~	7.62	60	OK R.B.	NONE
	7.62	60	OK R.B.	NONE
	7.62	60	OK R.B.	NONE
	7.62	60	OK R.B	NONE
	7.62	60	OK R.B	NONE
	7.62	60	OK R.B	NONE
	7.62	60	OK R.B	NONE
	7.62	10	OK R.B.	NONE
		4500	TOTAL 3/4/91	R Bailey
		60	3-5-91 TARGET & TEST	DH
		4560	Total	
	7.62	60	OK RB	NONE
	7.62	60	OK RB	NONE
	7.62	60	OK R.B	NONE
	7.62	60	OK R.B.	NONE
	7.62	60	OK R.B	NONE
	7.62	60	OK R.B.	NONE
	7.62	20	OK R.B	NONE
		4940	TOTAL 3/5/91	R. Bailey
		60	3-6-91 TARGET & Test	DH
		5000	TOTAL	

SWS ENDURANCE TEST REPORT

SERIAL NO. C6611816 SHOOTER R Bailey DATE 3/6/91

AMMO CODE	AMMO TYPE	RDS.	RESULTS	OBSERVATIONS
	7.62	60	OK RB	NONE
	7.62	60	OK R.B.	NONE
	7.62	60	OK R B	NONE
	7.62	60	OK R B	NONE
	7.62	60	OK R.B.	NONE
	7.62	60	OK R.B	NONE
	7.62	60	OK R.B.	NONE
	7.62	60	OK R.B.	NONE
	7.62	60	OK R.B.	NONE
	7.62	60	OK R.B.	NONE
	7.62	60	OK R.B.	NONE
	7.62	60	OK R.B.	NONE
	7.62	60	OK R.B.	NONE
	7.62	60	OK R.B.	NONE
	7.62	60	OK R B	NONE
	7.62	60	OK R.B.	NONE
	7.62	40	OK R.B	NONE
		6000	TOTAL 3/6/91	R. Bailey

SWS ENDURANCE TEST REPORT

SERIAL NO. C66118:16 SHOOTER R Bailey DATE 3/7/91

AMMO CODE	AMMO TYPE	RDS.	RESULTS	OBSERVATIONS
	7.62	60	OK R.B	NONE
	7.62	60	OK R.B	NONE
	7.62	60	OK R.B	NONE
	7.62	60	OK R.B	NONE
	7.62	60	OK R.B	NONE
	7.62	60	OK R.B	NONE
	7.62	60	OK R.B	NONE
	7.62	60	OK R.B	NONE
	7.62	60	OK R.B	NONE
	7.62	60	OK R.B	NONE
	7.62	60	OK R.B	NONE
	7.62	60	OK R.B	NONE
	7.62	60	OK R.B	NONE
	7.62	60	OK R.B	NONE
	7.62	60	OK R.B	NONE
		6960	TOTAL 3/7/91	R Bailey

SWS ENDURANCE TEST REPORT

SERIAL NO. C6611816 SHOOTER R Bailey DATE 3/8/91

AMMO CODE	AMMO TYPE	RDS.	RESULTS	OBSERVATIONS
	7.62	60	OK R.B	NONE
	7.62	60	OK R.B	NONE
	7.62	60	OK R.B.	NONE
	7.62	60	OK R.B.	NONE
	7.62	60	OK R.B	NONE
	7.62	60	OK R.B.	NONE
	7.62	60	OK R.B.	NONE
	7.62	60	OK R.B.	NONE
	7.62	60	OK R.B	NONE
	7.62	60	OK R.B.	NONE
	7.62	60	OK R.B.	NONE
	7.62	60	OK R.B.	NONE
	7.62	60	OK R.B	NONE
	7.62	60	OK R.B.	NONE
	7.62	60	OK R.B.	NONE
	7.62	60	OK R.B.	NONE
		7860	TOTAL 3/8/91	R Bailey
		140	3-11-91	
		8000	TOTAL 3-11-91	

SWS ENDURANCE TEST REPORT

SERIAL NO. C661156 SHOOTER R Bailey DATE 3/11/91

AMMO CODE	AMMO TYPE	RDS.	RESULTS	OBSERVATIONS
	7.62	60	OK R.B.	NONE
	7.62	60	OK RB	- NONE
	7.62	60	OK R.B.	NONE
	7.62	60	OK R.B.	NONE
	7.62	60	OK R.B.	NONE
	7.62	60	OK R.B	NONE
	762	60	OK R.B.	NONE
	7.62	60	OK T.B.	NONE
	762	60	OK R.B.	NONE
	7.62	60	OK R.B.	NONE
	7.62	60	OK R.B.	NONE
	7.62	60	OK R.B.	NONE
	7.62	60	OK R.B.	NONE
	7.62	60	OK R.B.	NONE
	7.62	60	OK R.B.	NONE
	7.62	60	OK R.B.	NONE
	7.62	8960	TOTAL 3/11/91	R Bailey
	7.62	40	OK AW	NONE
		9000	TOTAL 3/12/91	AW

SWS ENDURANCE TEST REPORT

SERIAL NO. C6611816 SHOOTER R Bailey DATE 3/13/91

AMMO CODE	AMMO TYPE	RDS.	RESULTS	OBSERVATIONS
	7.62	60	OK R.B.	NONE
	7.62	60	OK R.B.	NONE
	7.62	60	OK R.B.	NONE
	7.62	60	OK R.B.	NONE
	7.62	60	OK R.B.	NONE
	7.62	60	OK R.B.	NONE
	7.62	60	OK R.B.	NONE
	7.62	60	OK R.B.	NONE
	7.62	60	OK R.B.	NONE
	7.62	60	OK R.B.	NONE
	7.62	60	OK R.B.	NONE
	7.62	60	OK R.B.	NONE
	7.62	60	OK R.B.	NONE
	7.62	60	OK R.B.	NONE
	7.62	60	OK R.B.	NONE
	7.62	60	OK R.B.	NONE
		9960	TOTAL 3/13/91	R Bailey
		40	OK	NONE
		10000	TOTAL AW	3/14/91
NOTE: AT	2500 RDS	EXTRACTOR REPLACED - REMOVED IN ERROR		
FOR	MAGNAFLUX - TEST	CONTINUED. EXTRACTORS CAN'T BE		
REASSEMBLED.			3/14/91	

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611816
14 Feb 1991

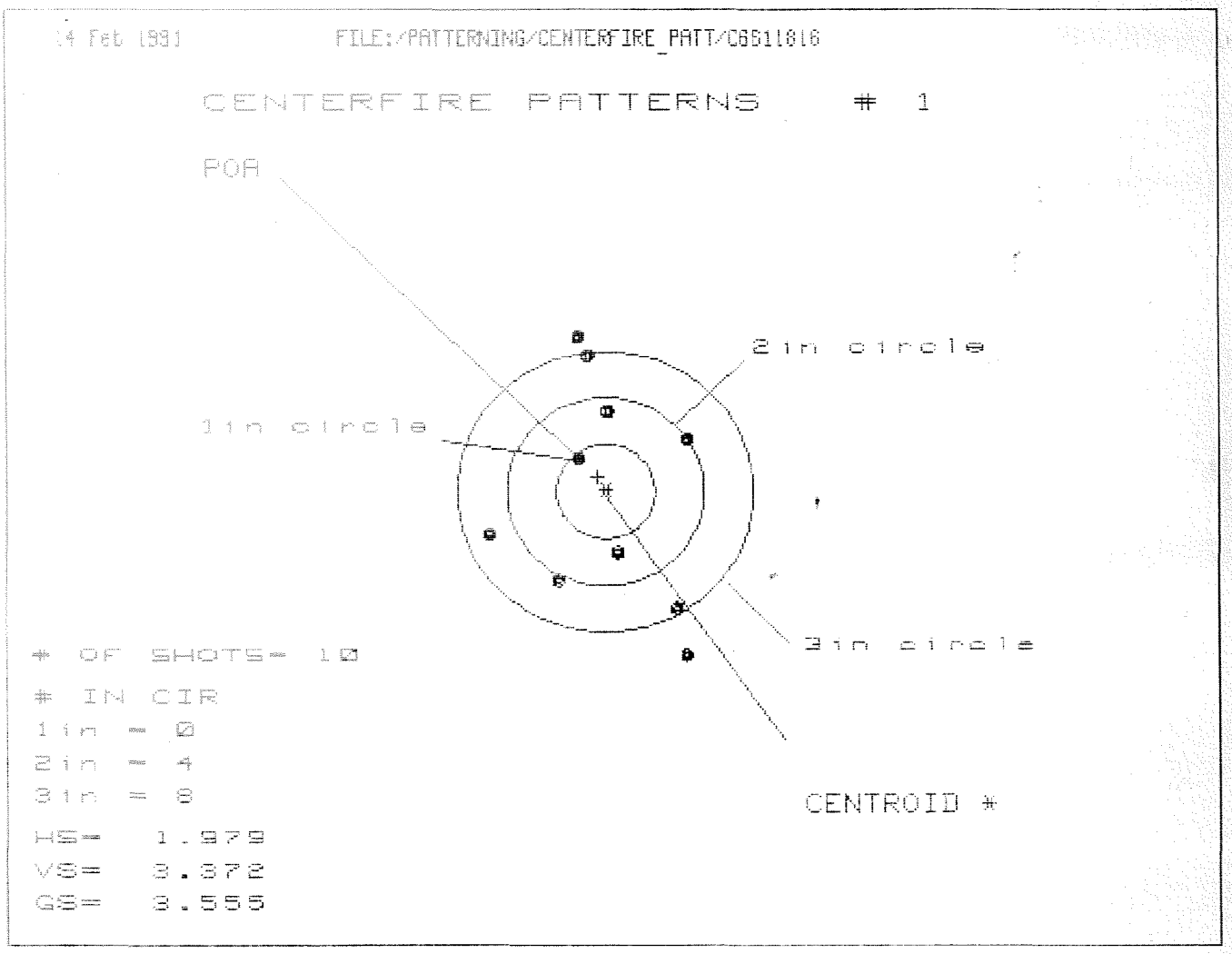
0 RDS

CENTROIDAL DISTANCES

0	TO	1	.178664
1	TO	2	.289249
1	TO	3	.0909725
1	TO	4	.0684471
1	TO	5	.0610737

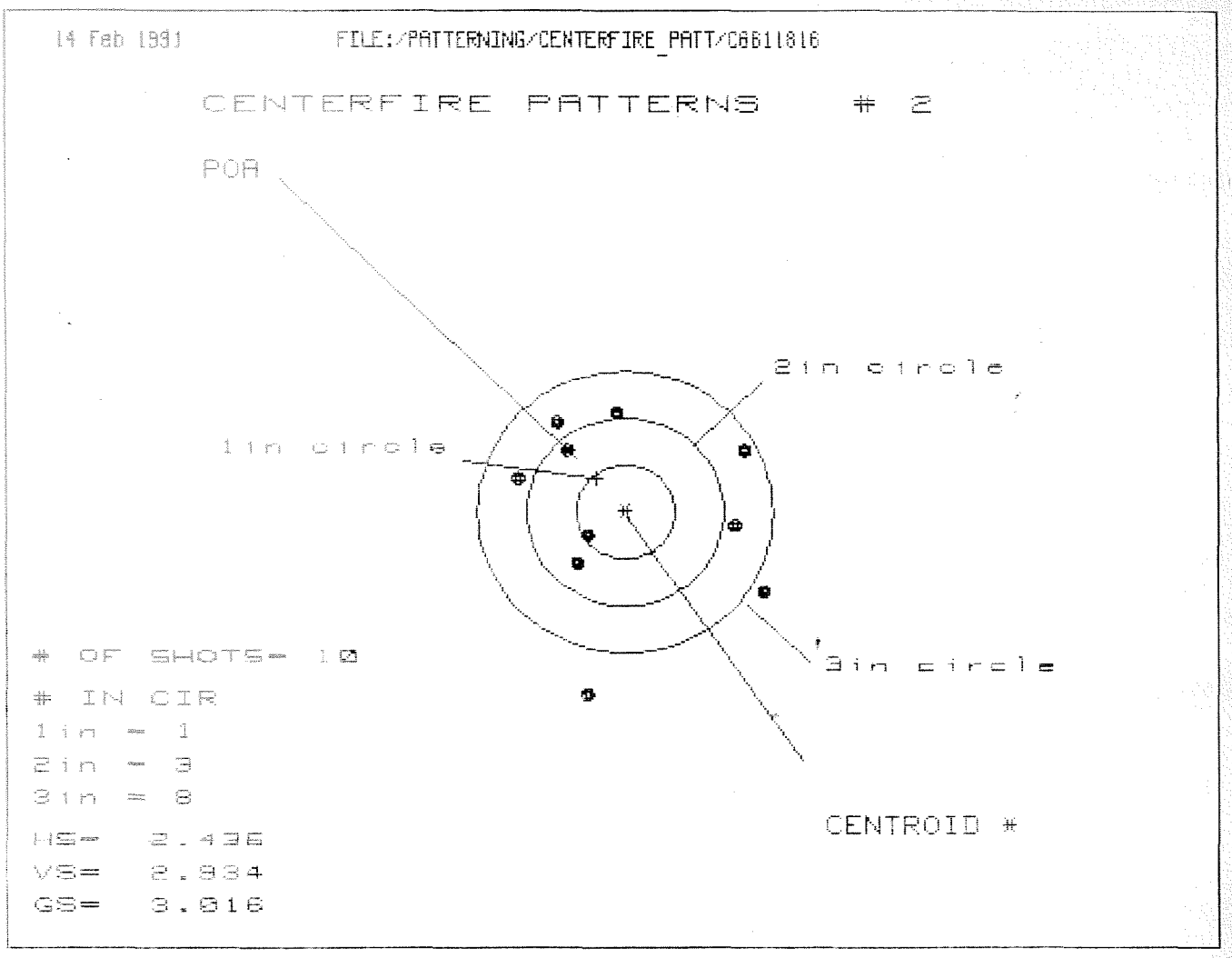
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1108
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1684
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .201582

THE AMR FOR THIS RIFLE IS: 1.069



PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.801	.886	.856
MINIMUM X	:	-1.177	-1.088	-1.118
MAXIMUM Y	:	1.663	1.473	1.432
MINIMUM Y	:	-1.709	-1.405	-1.221
CENTROID X	:	.081	-.008	.022
CENTROID Y	:	-.157	.033	-.151
POA TO CENTROID in.	:	.177	.034	.152
MIN RADIUS	:	.500	.299	.462
MEAN RADIUS	:	1.167	1.059	1.008
MAX RADIUS	:	1.888	1.621	1.448
HORIZONTAL SPREAD	:	1.979	1.974	1.974
VERTICAL SPREAD	:	3.372	2.878	2.653
EXTREME SPREAD	:	3.555	3.062	2.792
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	

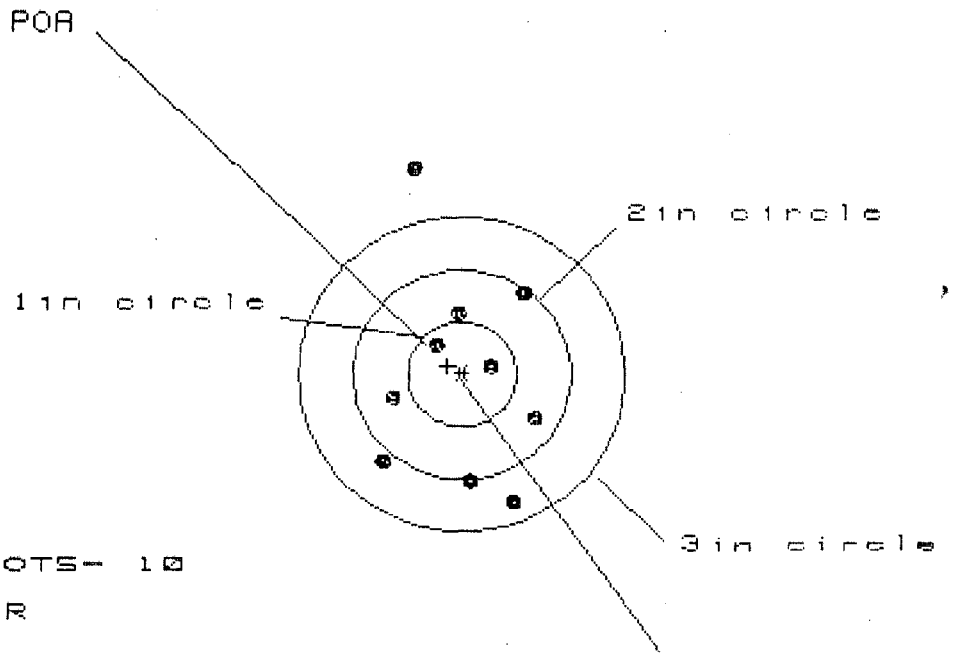
NUMBER IN THREE INCH CIRCLE = 8



PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.366	1.325	1.353
MINIMUM X	:	-1.071	-1.111	-.946
MAXIMUM Y	:	1.012	.798	.664
MINIMUM Y	:	-1.922	-1.077	-.852
CENTROID X	:	.289	.330	.165
CENTROID Y	:	-.358	-.144	-.010
POA TO CENTROID in.	:	.460	.360	.165
MIN RADIUS	:	.455	.625	.561
MEAN RADIUS	:	1.146	1.041	.913
MAX RADIUS	:	1.957	1.707	1.384
HORIZONTAL SPREAD	:	2.436	2.436	2.299
VERTICAL SPREAD	:	2.934	1.875	1.516
EXTREME SPREAD	:	3.016	2.788	2.320
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		8	

14 Feb 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6811816

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

# IN CIR
1in = 2
2in = 6
3in = 9

HS= 1.375
VS= 3.214
GS= 3.340

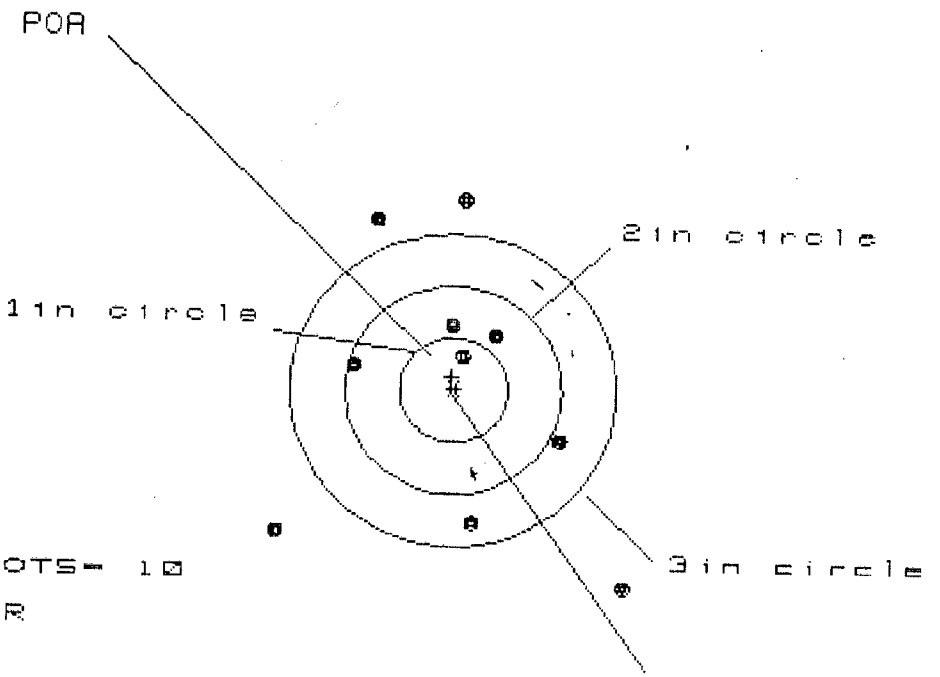
PATTERN # : 3

SHOTS (BEST OF)	10	9	8
MAXIMUM X	.671	.620	.670
MINIMUM X	-.704	-.755	-.705
MAXIMUM Y	2.018	.977	.855
MINIMUM Y	-1.196	-.971	-.920
CENTROID X	.131	.182	.132
CENTROID Y	-.081	-.306	-.184
POA TO CENTROID in.	.154	.355	.226
MIN RADIUS	.291	.356	.321
MEAN RADIUS	.905	.772	.719
MAX RADIUS	2.070	1.092	1.010
HORIZONTAL SPREAD	1.375	1.375	1.375
VERTICAL SPREAD	3.214	1.948	1.775
EXTREME SPREAD	3.340	1.985	1.985

NUMBER IN ONE INCH CIRCLE = 2
NUMBER IN TWO INCH CIRCLE = 6
NUMBER IN THREE INCH CIRCLE = 9

14 Feb 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6611816

CENTERFIRE PATTERNS # 4

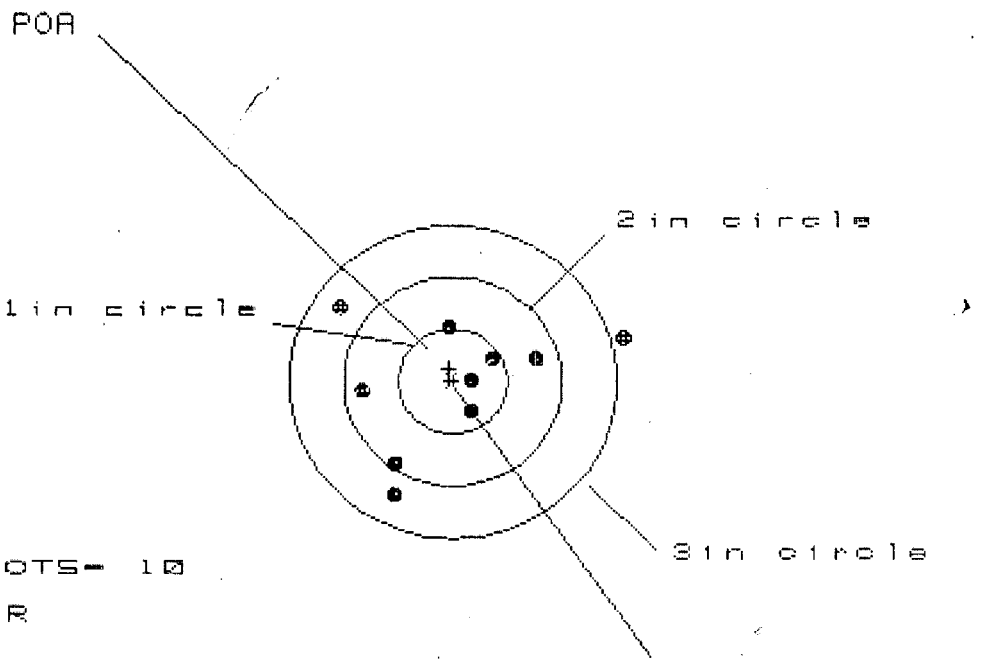


# OF SHOTS= 10
# IN CIR
1in = 1
2in = 4
3in = 6
HS= 3.228
VS= 3.724
GS= 4.155

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.581	1.189	1.005
MINIMUM X	:	-1.647	-1.471	-.939
MAXIMUM Y	:	1.866	1.660	1.457
MINIMUM Y	:	-1.858	-1.621	-1.715
CENTROID X	:	.019	-.157	.027
CENTROID Y	:	-.128	.078	.281
POA TO CENTROID in.	:	.130	.175	.282
MIN RADIUS	:	.316	.233	.098
MEAN RADIUS	:	1.316	1.147	.942
MAX RADIUS	:	2.440	2.189	1.726
HORIZONTAL SPREAD	:	3.228	2.660	1.944
VERTICAL SPREAD	:	3.724	3.281	3.172
EXTREME SPREAD	:	4.155	3.725	3.173
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		6	

14 Feb 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6B11816

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

# IN CIR
1in = 3
2in = 7
3in = 9

HS= 2.541
VS= 1.787
GS= 2.596

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.552	.975	.873
MINIMUM X	:	-.989	-.816	-.787
MAXIMUM Y	:	.726	.777	.684
MINIMUM Y	:	-1.061	-1.010	-.913
CENTROID X	:	.034	-.139	-.037
CENTROID Y	:	-.118	-.169	-.266
POA TO CENTROID in.	:	.123	.218	.268
MIN RADIUS	:	.193	.344	.209
MEAN RADIUS	:	.813	.741	.670
MAX RADIUS	:	1.617	1.127	1.035
HORIZONTAL SPREAD	:	2.541	1.791	1.660
VERTICAL SPREAD	:	1.787	1.787	1.597
EXTREME SPREAD	:	2.596	1.894	1.894
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611816
22 Feb 1991

500 Rds

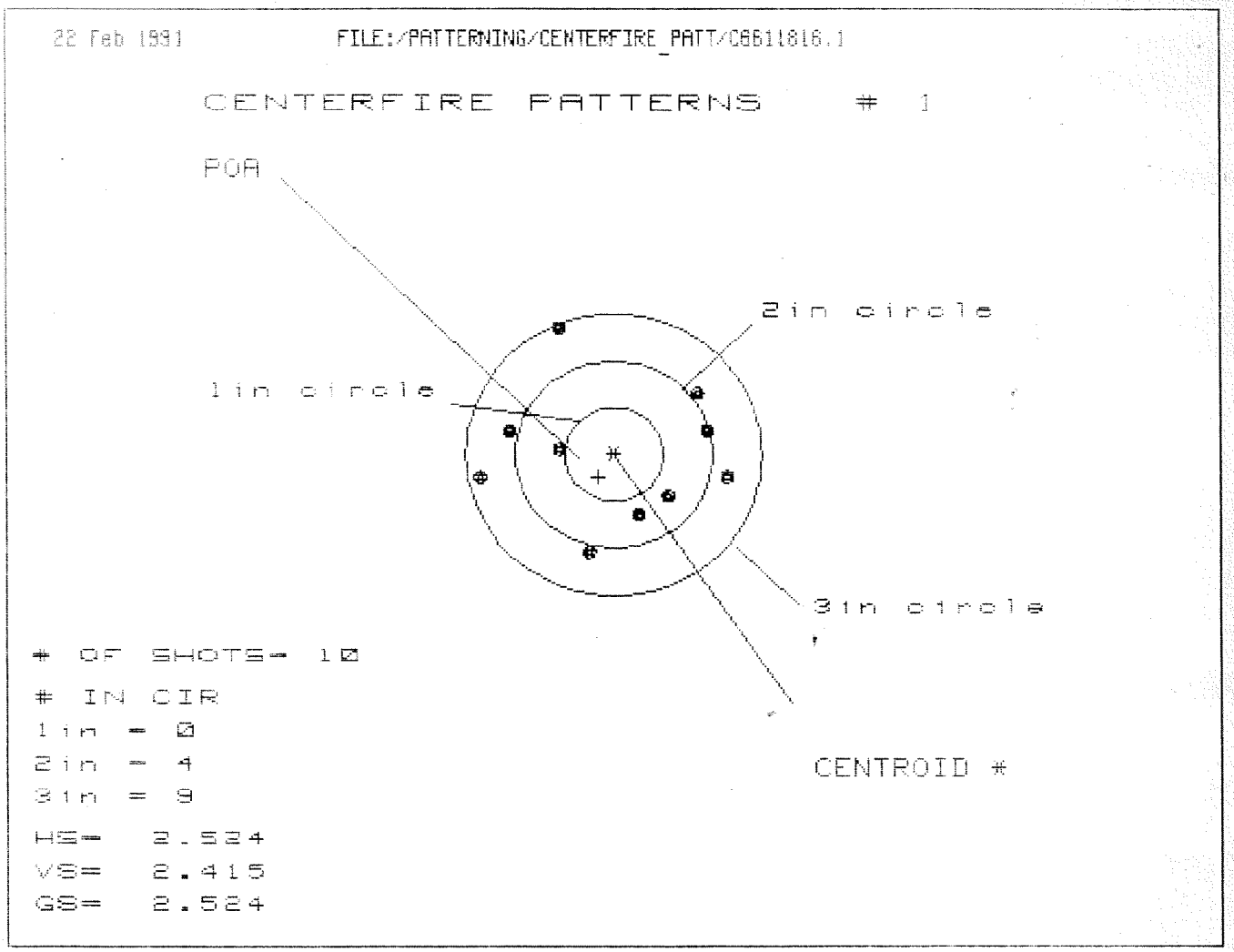
CENTROIDAL DISTANCES

0	TO	1	.289012
1	TO	2	.338638
1	TO	3	.323487
1	TO	4	.447153
1	TO	5	.117924

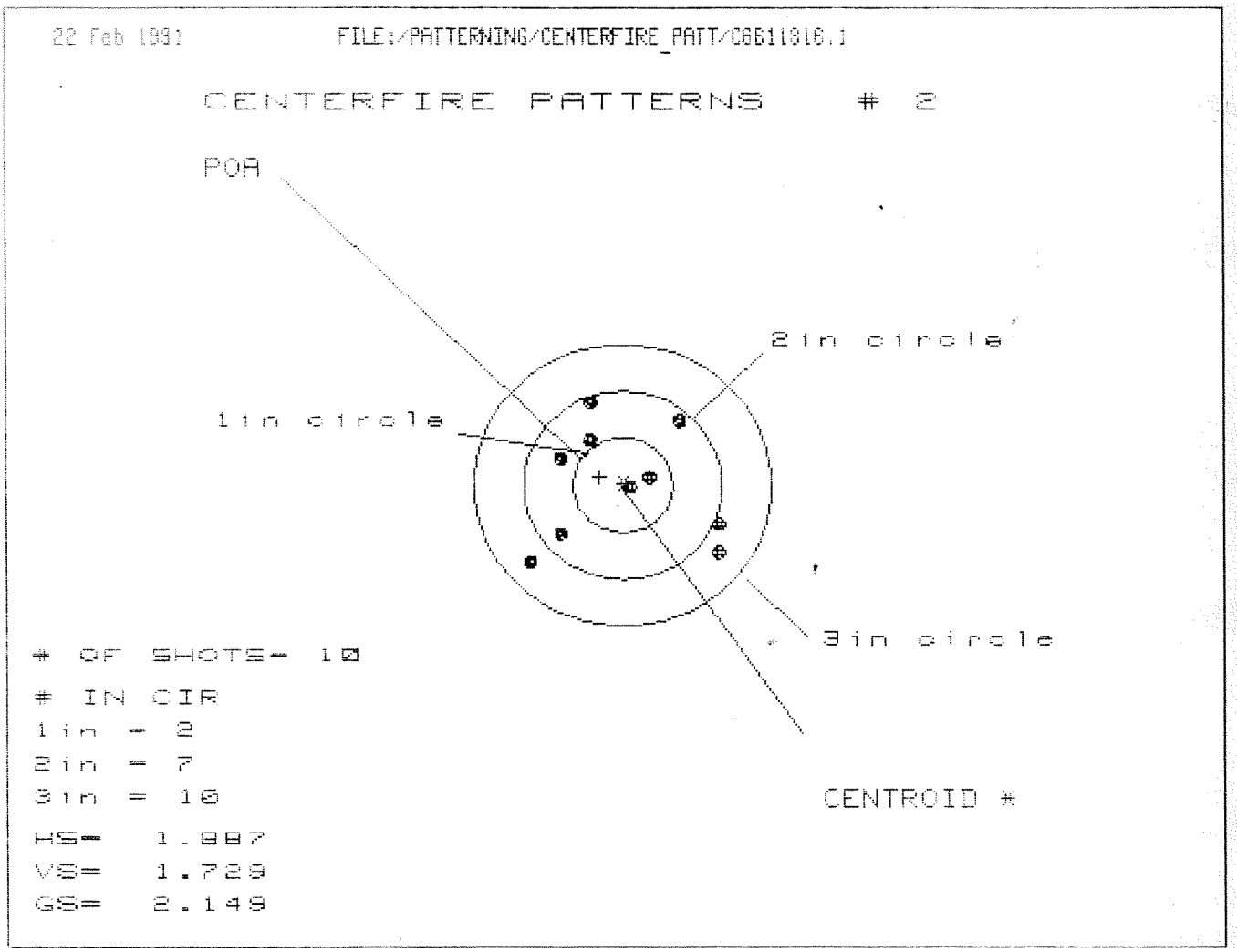
<----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1076
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0736
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .130364

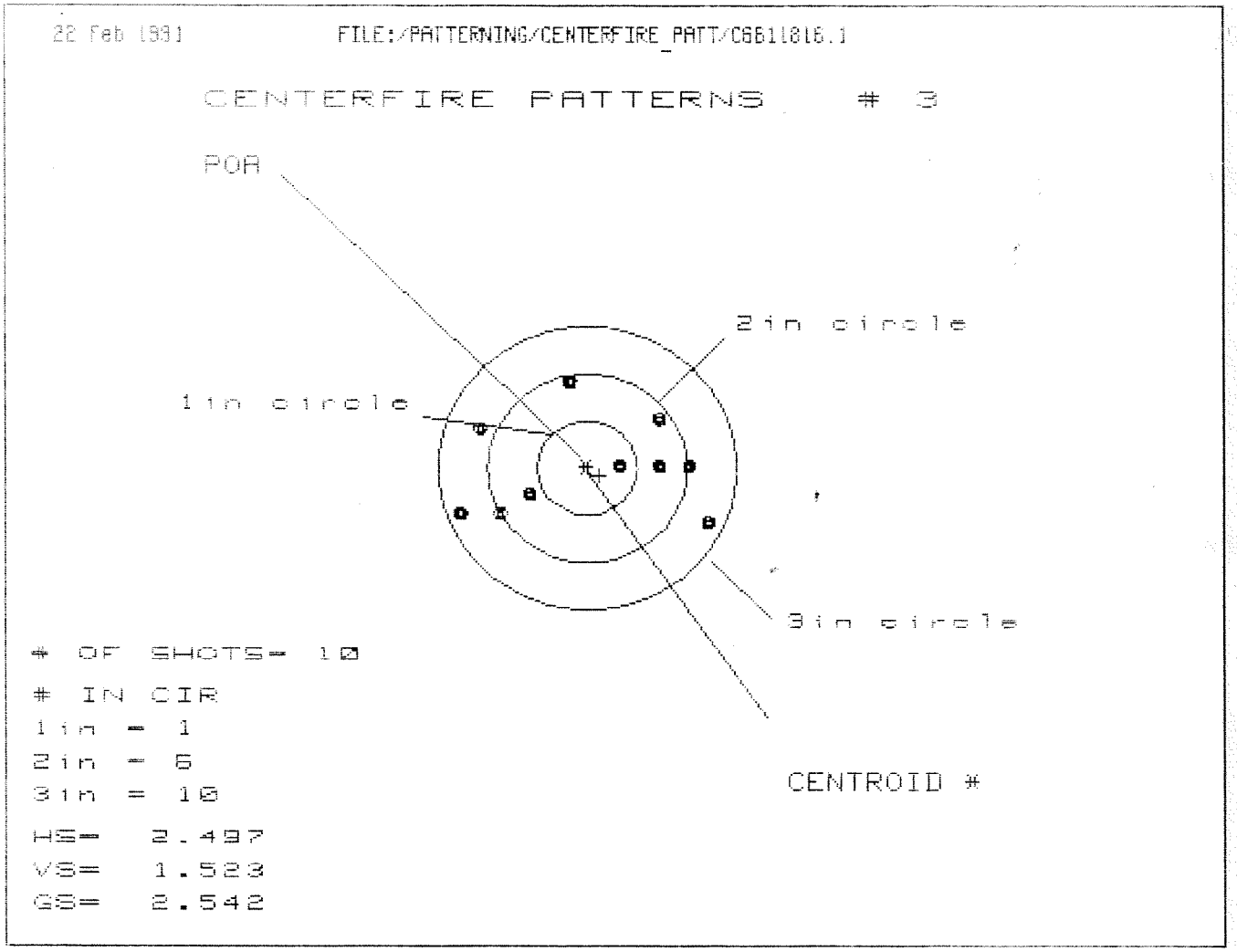
THE AMR FOR THIS RIFLE IS: .9096



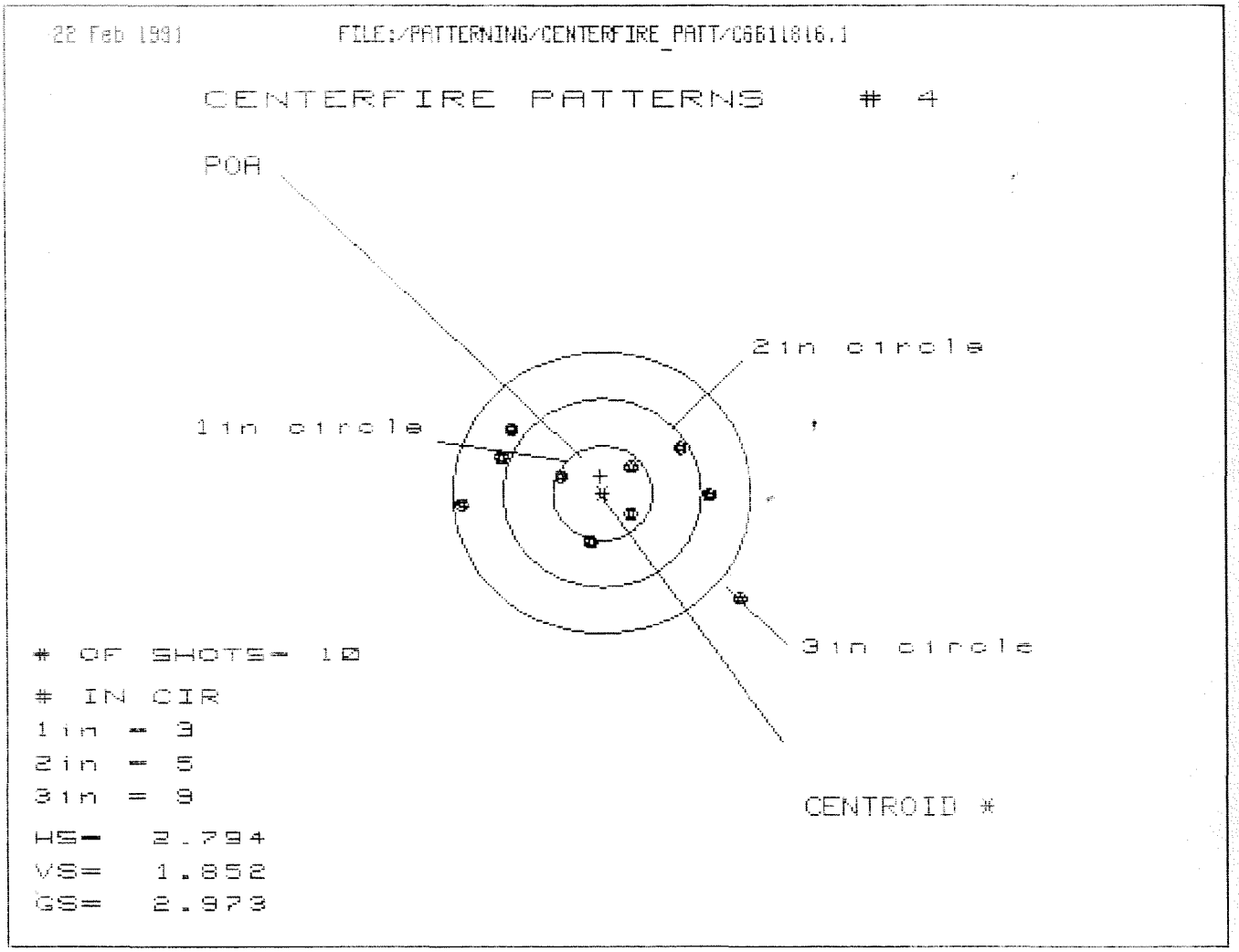
PATTERN # :	1		
SHOTS (BEST OF) :	10	9	8
MAXIMUM X :	1.174	1.111	.935
MINIMUM X :	-1.350	-1.413	-1.333
MAXIMUM Y :	1.407	.790	.777
MINIMUM Y :	-1.008	-.852	-.865
CENTROID X :	.158	.221	.397
CENTROID Y :	.242	.086	.099
POA TO CENTROID in.:	.289	.237	.410
MIN RADIUS :	.535	.533	.435
MEAN RADIUS :	1.025	.944	.860
MAX RADIUS :	1.518	1.417	1.401
HORIZONTAL SPREAD :	2.524	2.524	2.268
VERTICAL SPREAD :	2.415	1.642	1.642
EXTREME SPREAD :	2.524	2.524	2.322
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		9	



PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.968	.866	.968
MINIMUM X	:	-.919	-.751	-.649
MAXIMUM Y	:	.910	.819	.714
MINIMUM Y	:	-.819	-.847	-.709
CENTROID X	:	.234	.336	.234
CENTROID Y	:	-.088	.003	.108
POA TO CENTROID in.	:	.250	.336	.258
MIN RADIUS	:	.036	.103	.184
MEAN RADIUS	:	.781	.722	.658
MAX RADIUS	:	1.231	1.174	1.129
HORIZONTAL SPREAD	:	1.887	1.617	1.617
VERTICAL SPREAD	:	1.729	1.666	1.423
EXTREME SPREAD	:	2.149	2.057	1.805
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

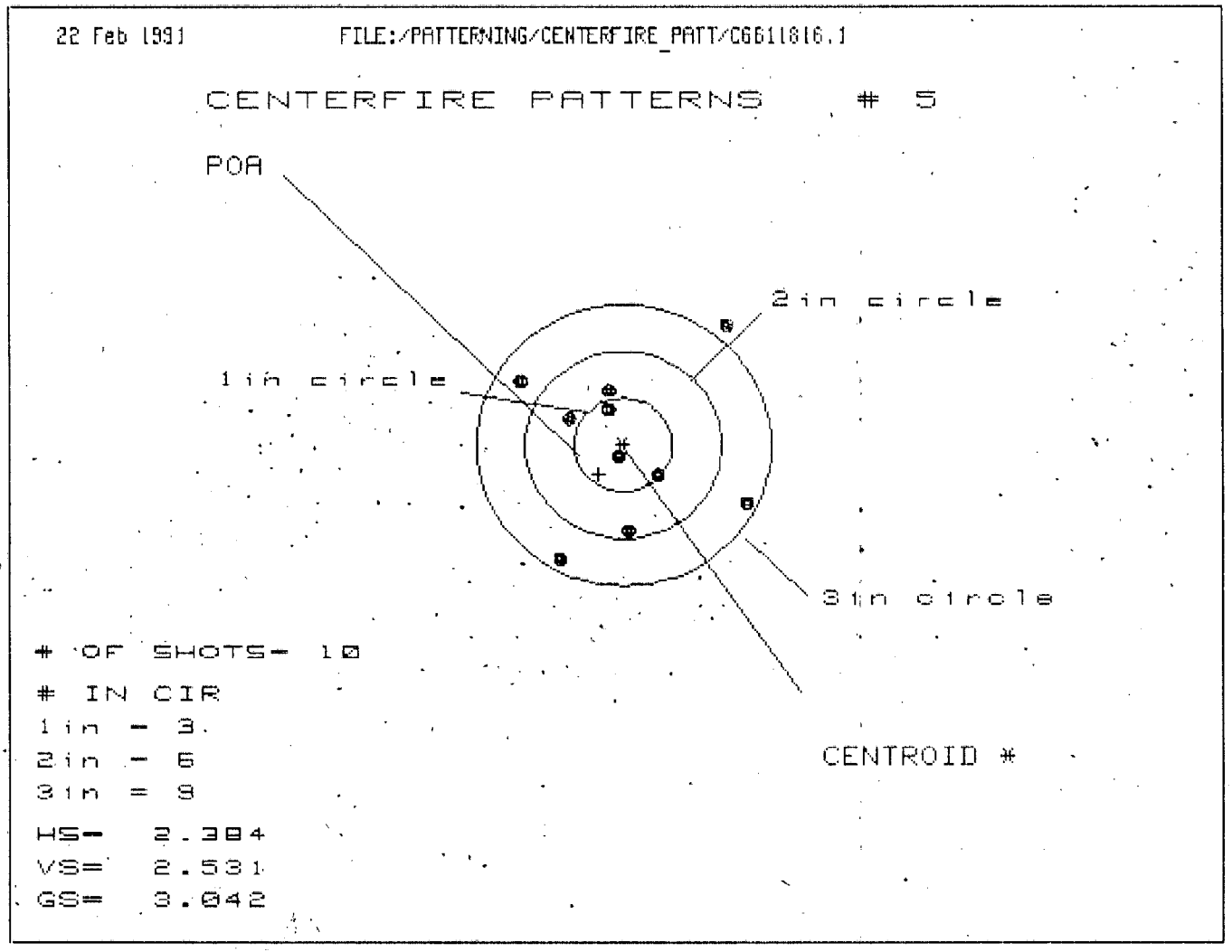


PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.198	1.054	1.043
MINIMUM X	:	-1.299	-1.262	-1.130
MAXIMUM Y	:	.898	.844	.759
MINIMUM Y	:	-.625	-.679	-.639
CENTROID X	:	-.122	.022	-.110
CENTROID Y	:	.080	.134	.219
POA TO CENTROID in.	:	.146	.136	.245
MIN RADIUS	:	.298	.163	.318
MEAN RADIUS	:	.937	.857	.820
MAX RADIUS	:	1.387	1.315	1.165
HORIZONTAL SPREAD	:	2.497	2.316	2.173
VERTICAL SPREAD	:	1.523	1.523	1.398
EXTREME SPREAD	:	2.542	2.542	2.202
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.378	1.212	1.054
MINIMUM X	:	-1.416	-1.263	-.984
MAXIMUM Y	:	.722	.596	.567
MINIMUM Y	:	-1.130	-.615	-.645
CENTROID X	:	.019	-.134	.024
CENTROID Y	:	-.183	-.057	-.027
POA TO CENTROID in.	:	.184	.146	.036
MIN RADIUS	:	.363	.253	.323
MEAN RADIUS	:	.912	.808	.736
MAX RADIUS	:	1.782	1.285	1.095
HORIZONTAL SPREAD	:	2.794	2.475	2.038
VERTICAL SPREAD	:	1.852	1.211	1.211
EXTREME SPREAD	:	2.973	2.479	2.108

NUMBER IN TWO INCH CIRCLE = 5
NUMBER IN THREE INCH CIRCLE = 9



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.296	1.410	.611
MINIMUM X	:	-1.088	-.974	-.798
MAXIMUM Y	:	1.285	.813	.755
MINIMUM Y	:	-1.246	-1.104	-1.162
CENTROID X	:	.249	.135	-.041
CENTROID Y	:	.317	.175	.233
POA TO CENTROID in.	:	.403	.221	.237
MIN RADIUS	:	.177	.030	.216
MEAN RADIUS	:	.893	.792	.712
MAX RADIUS	:	1.643	1.485	1.220
HORIZONTAL SPREAD	:	2.384	2.384	1.409

VERTICAL SPREAD :	2.531	1.917	1.917
EXTREME SPREAD :	3.042	2.706	1.964
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611816
5 Mar 1991

4500 RDS

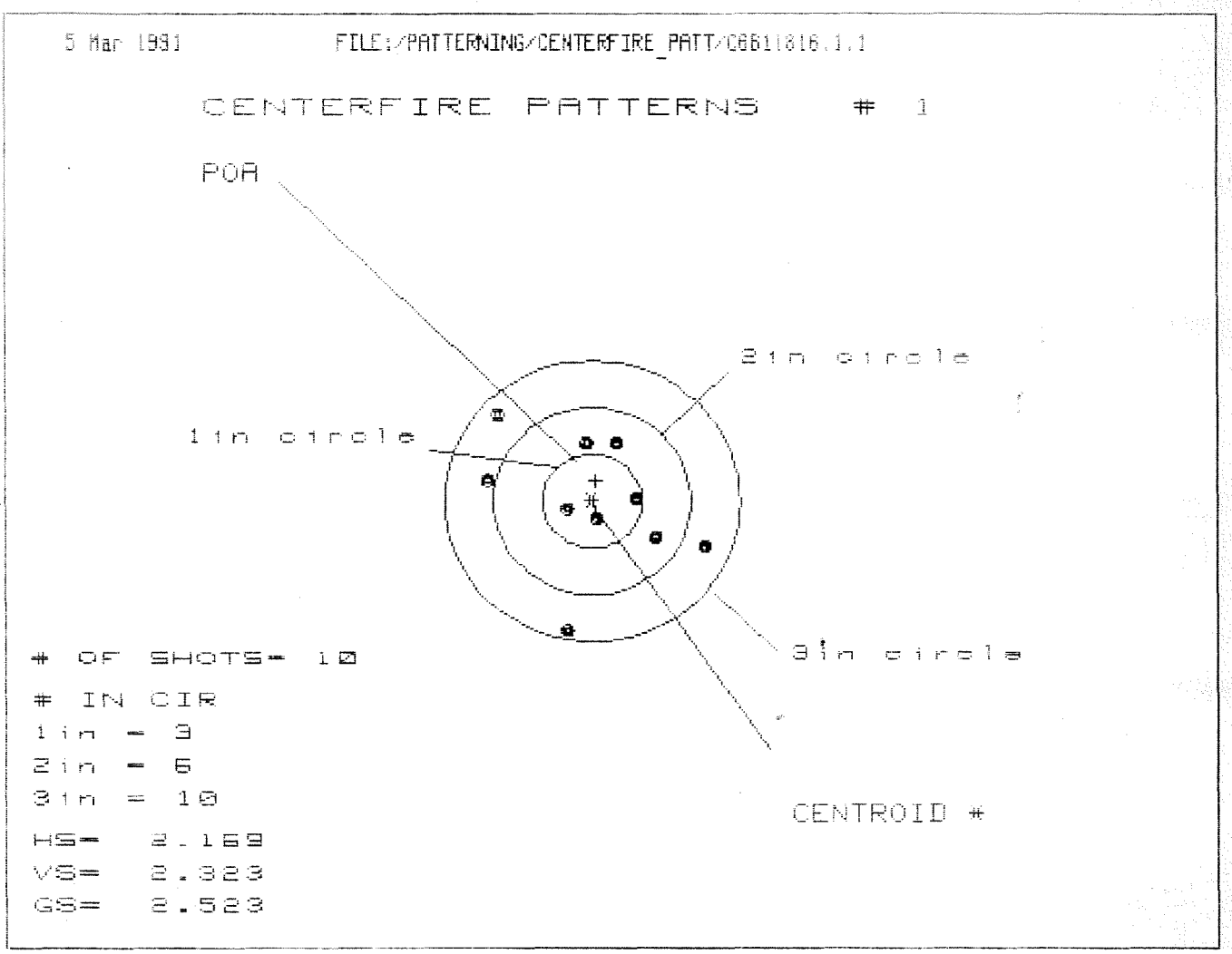
CENTROIDAL DISTANCES

0	TO	1	.222445
1	TO	2	.20401
1	TO	3	.2728
1	TO	4	.342243
1	TO	5	.516501

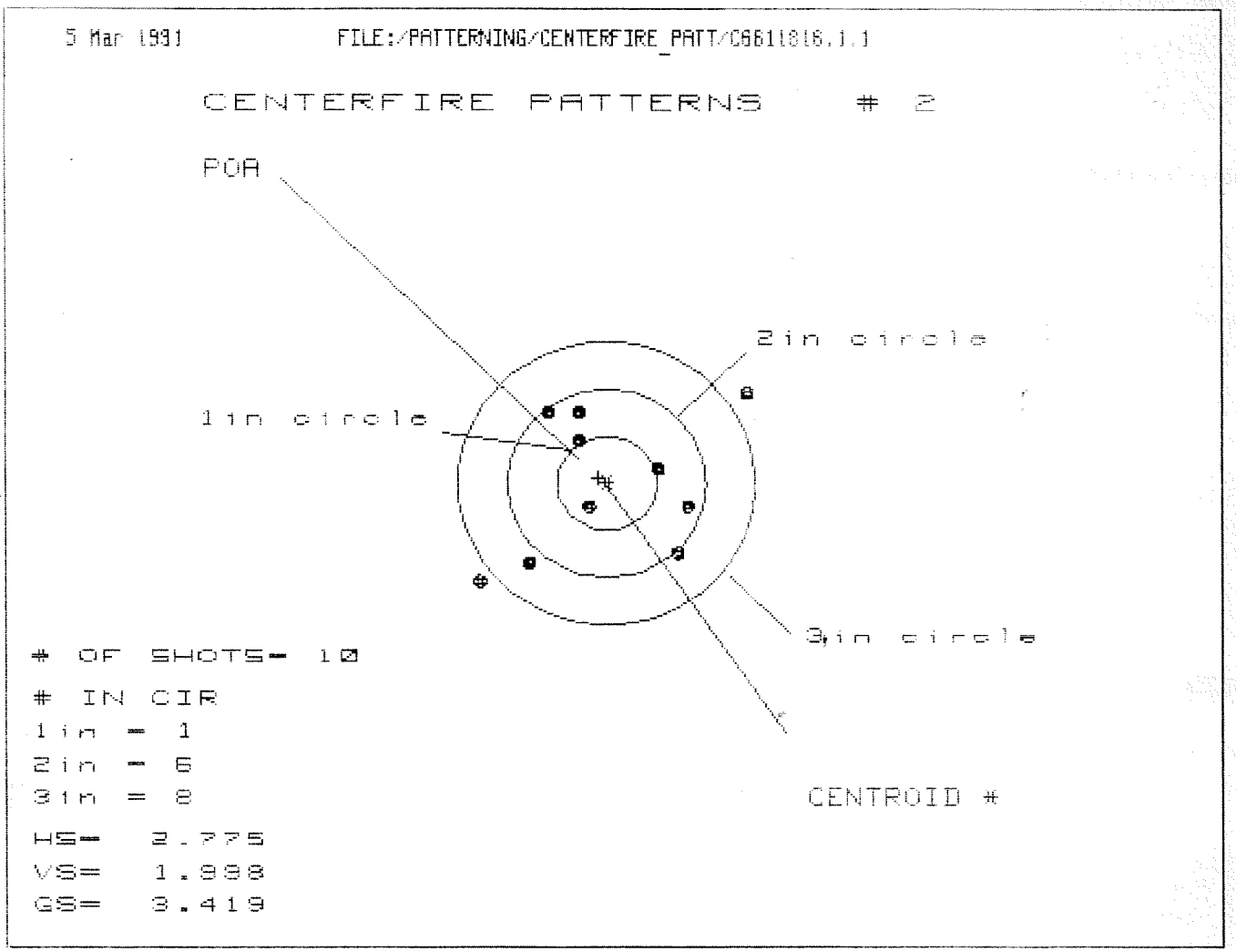
<----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .123
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0368
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .128387

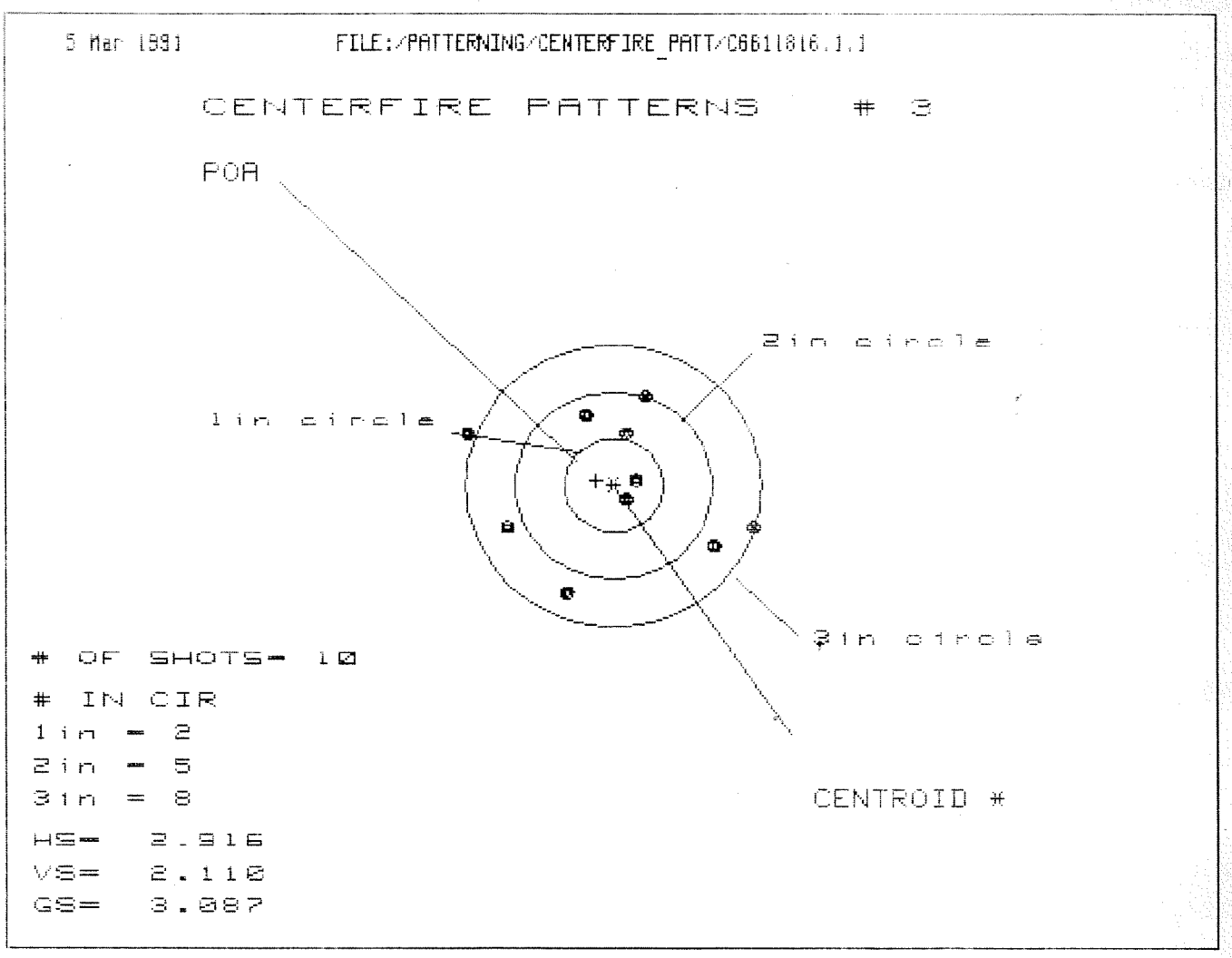
THE AMR FOR THIS RIFLE IS: .9256



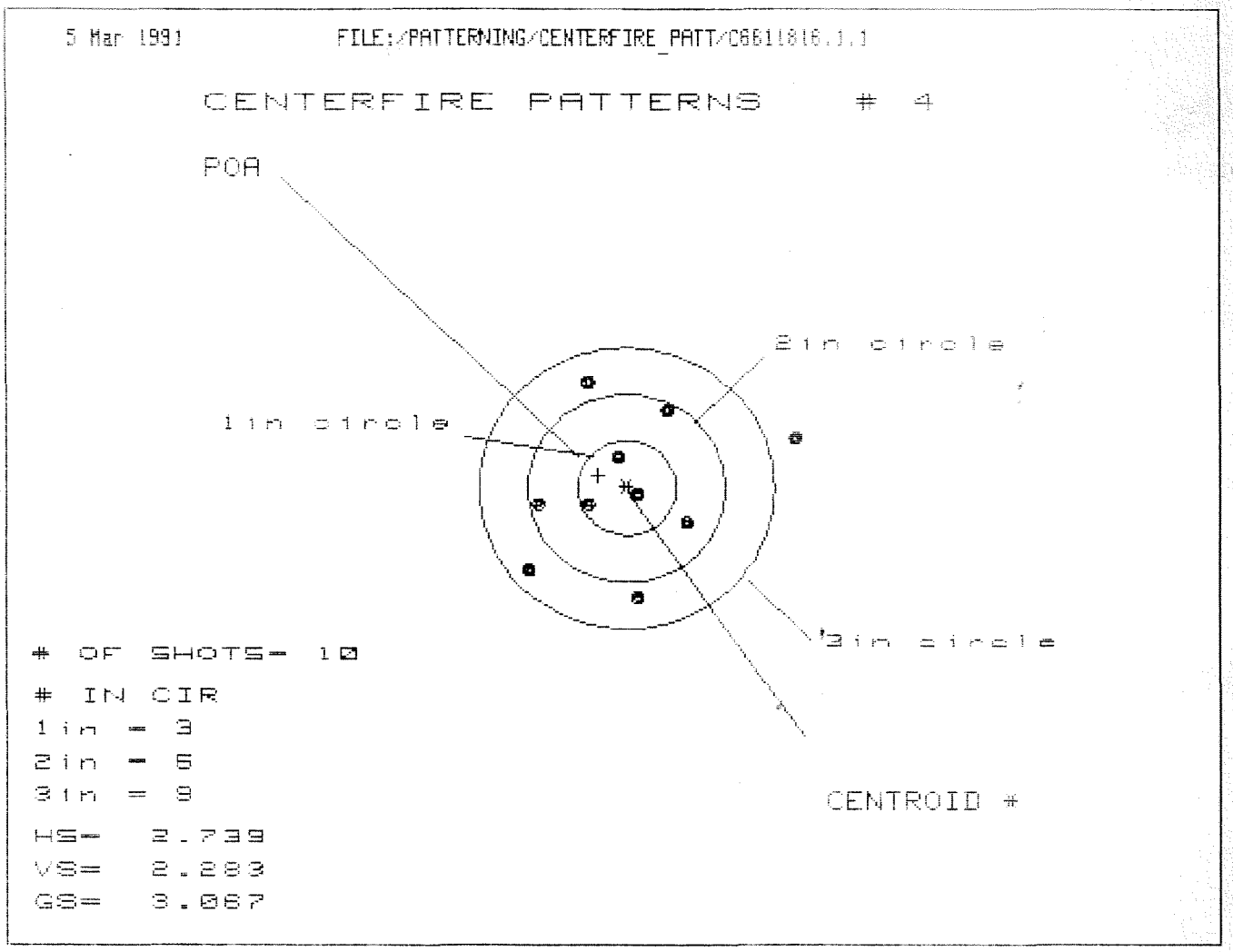
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.147	1.113	.989
MINIMUM X	:	-1.022	-1.056	-1.180
MAXIMUM Y	:	.962	.811	.587
MINIMUM Y	:	-1.361	-.588	-.486
CENTROID X	:	-.039	-.005	.119
CENTROID Y	:	-.219	-.068	-.170
POA TO CENTROID in.	:	.223	.068	.207
MIN RADIUS	:	.178	.323	.247
MEAN RADIUS	:	.791	.720	.631
MAX RADIUS	:	1.395	1.278	1.186
HORIZONTAL SPREAD	:	2.169	2.169	2.169
VERTICAL SPREAD	:	2.323	1.399	1.073
EXTREME SPREAD	:	2.523	2.523	2.253
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	



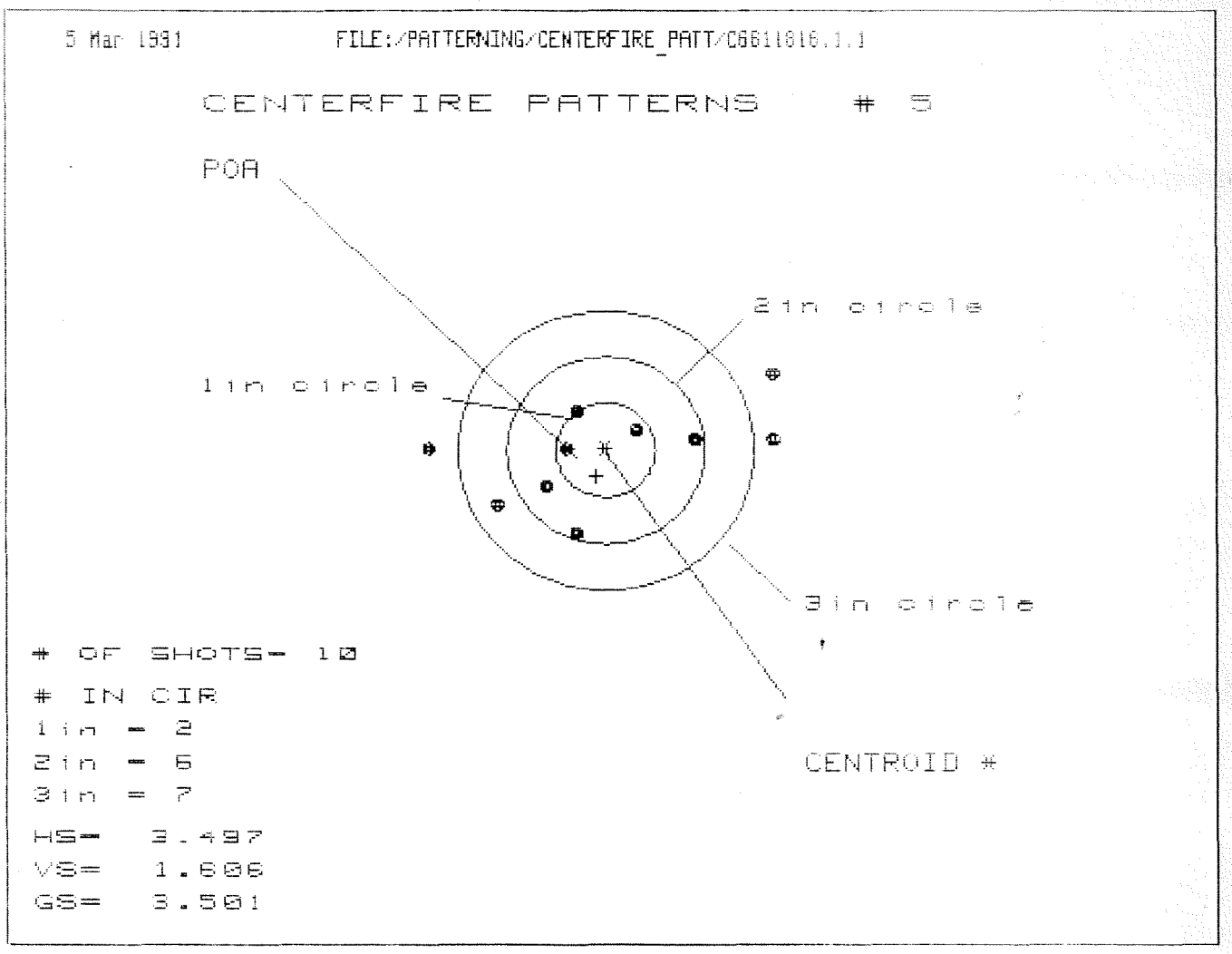
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.445	1.018	.871
MINIMUM X	:	-1.330	-1.169	-.817
MAXIMUM Y	:	.994	.871	.759
MINIMUM Y	:	-1.004	-.894	-.811
CENTROID X	:	.085	-.076	.070
CENTROID Y	:	-.057	-.167	-.055
POA TO CENTROID in.	:	.102	.184	.090
MIN RADIUS	:	.344	.176	.337
MEAN RADIUS	:	.959	.865	.771
MAX RADIUS	:	1.754	1.472	1.151
HORIZONTAL SPREAD	:	2.775	2.187	1.688
VERTICAL SPREAD	:	1.998	1.765	1.571
EXTREME SPREAD	:	3.419	2.315	1.966
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.463	1.301	.996
MINIMUM X	:	-1.453	-1.212	-1.049
MAXIMUM Y	:	.919	.985	.942
MINIMUM Y	:	-1.191	-1.125	-1.168
CENTROID X	:	.179	.341	.178
CENTROID Y	:	-.055	-.121	-.078
POA TO CENTROID in.	:	.187	.361	.194
MIN RADIUS	:	.202	.071	.194
MEAN RADIUS	:	.944	.850	.796
MAX RADIUS	:	1.571	1.347	1.274
HORIZONTAL SPREAD	:	2.916	2.513	2.045
VERTICAL SPREAD	:	2.110	2.110	2.110
EXTREME SPREAD	:	3.087	2.513	2.252
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.702	.809	.703
MINIMUM X	:	-1.037	-.848	-.826
MAXIMUM Y	:	1.148	1.204	1.101
MINIMUM Y	:	-1.135	-1.079	-1.182
CENTROID X	:	.292	.103	.209
CENTROID Y	:	-.132	-.188	-.085
POA TO CENTROID in.	:	.320	.214	.225
MIN RADIUS	:	.148	.278	.241
MEAN RADIUS	:	.895	.787	.726
MAX RADIUS	:	1.775	1.222	1.191
HORIZONTAL SPREAD	:	2.739	1.657	1.529
VERTICAL SPREAD	:	2.283	2.283	2.283
EXTREME SPREAD	:	3.067	2.330	2.330
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	:	1.738	1.922	1.726
MINIMUM X	:	-1.759	-1.575	-1.125
MAXIMUM Y	:	.776	.491	.506
MINIMUM Y	:	-.830	-.744	-.729
CENTROID X	:	.098	-.086	.111
CENTROID Y	:	.279	.193	.178
POA TO CENTROID in.	:	.296	.211	.210
MIN RADIUS	:	.350	.299	.406
MEAN RADIUS	:	1.039	.919	.854
MAX RADIUS	:	1.833	1.937	1.744
HORIZONTAL SPREAD	:	3.497	3.497	2.850
VERTICAL SPREAD	:	1.606	1.235	1.235
EXTREME SPREAD	:	3.501	3.499	2.937
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		7	

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611816
6 Mar 1991

5000 RDS

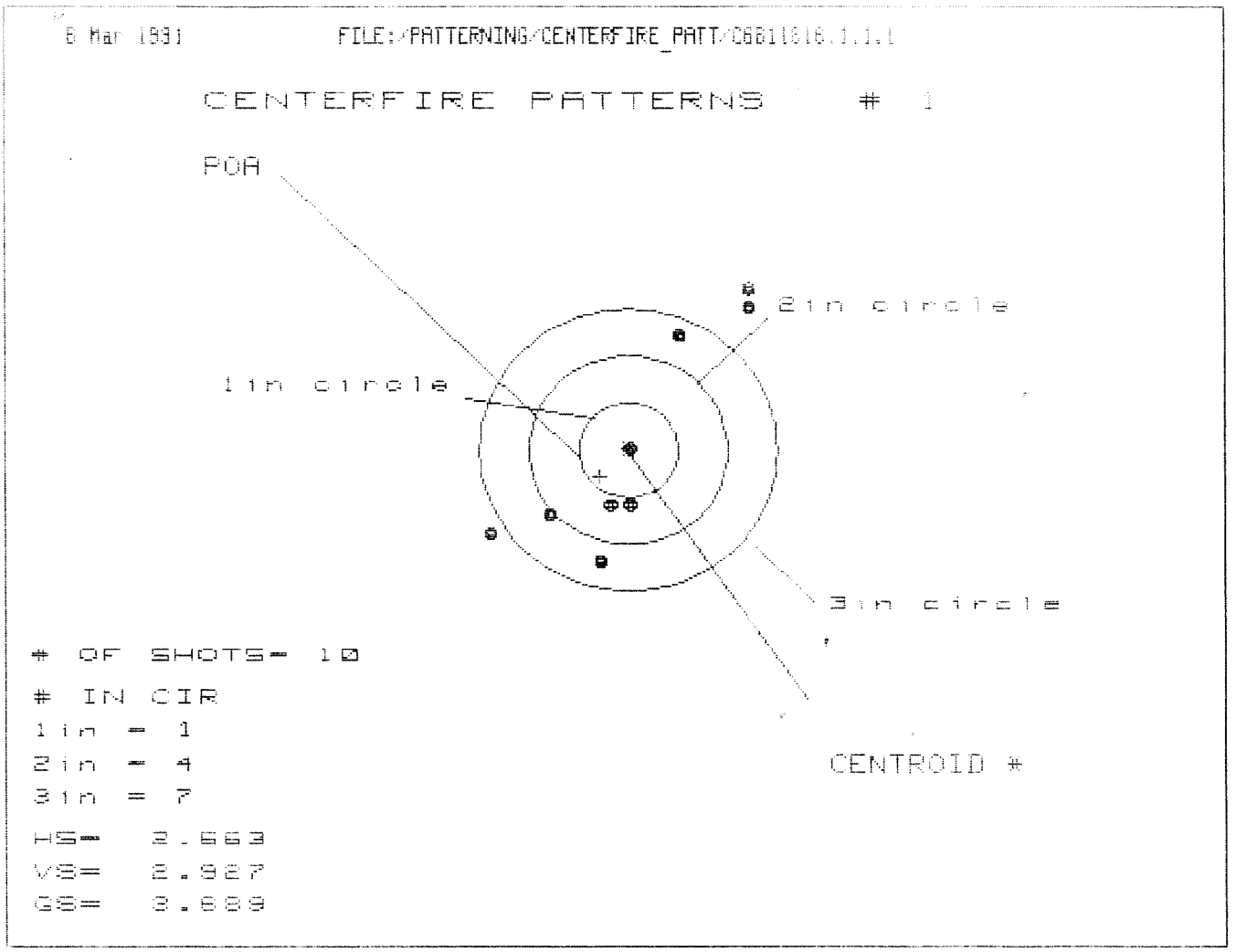
CENTROIDAL DISTANCES

0	TO	1	.403788
1	TO	2	.293143
1	TO	3	.408883
1	TO	4	.616623
1	TO	5	.580535

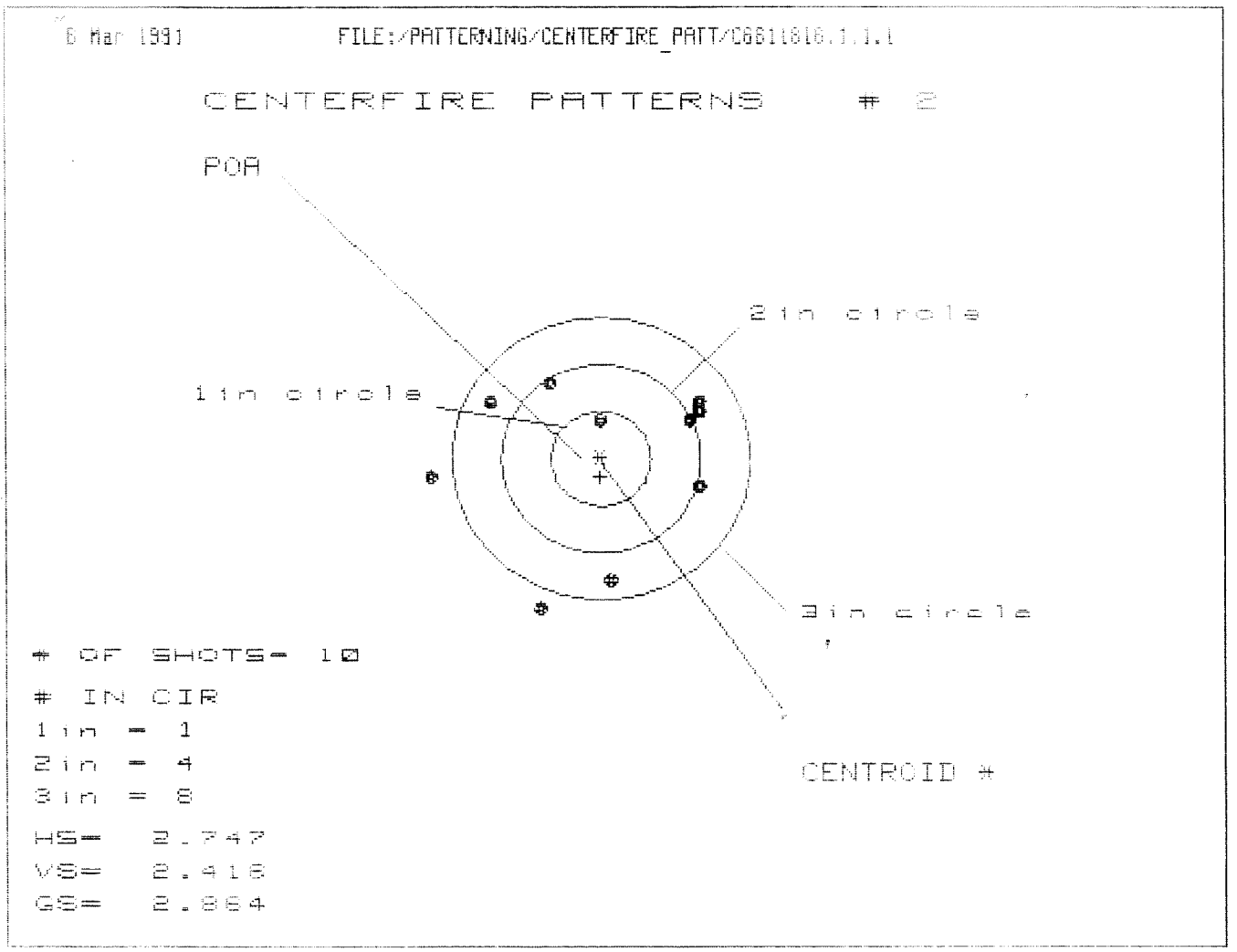
<----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0776
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0124
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0785845

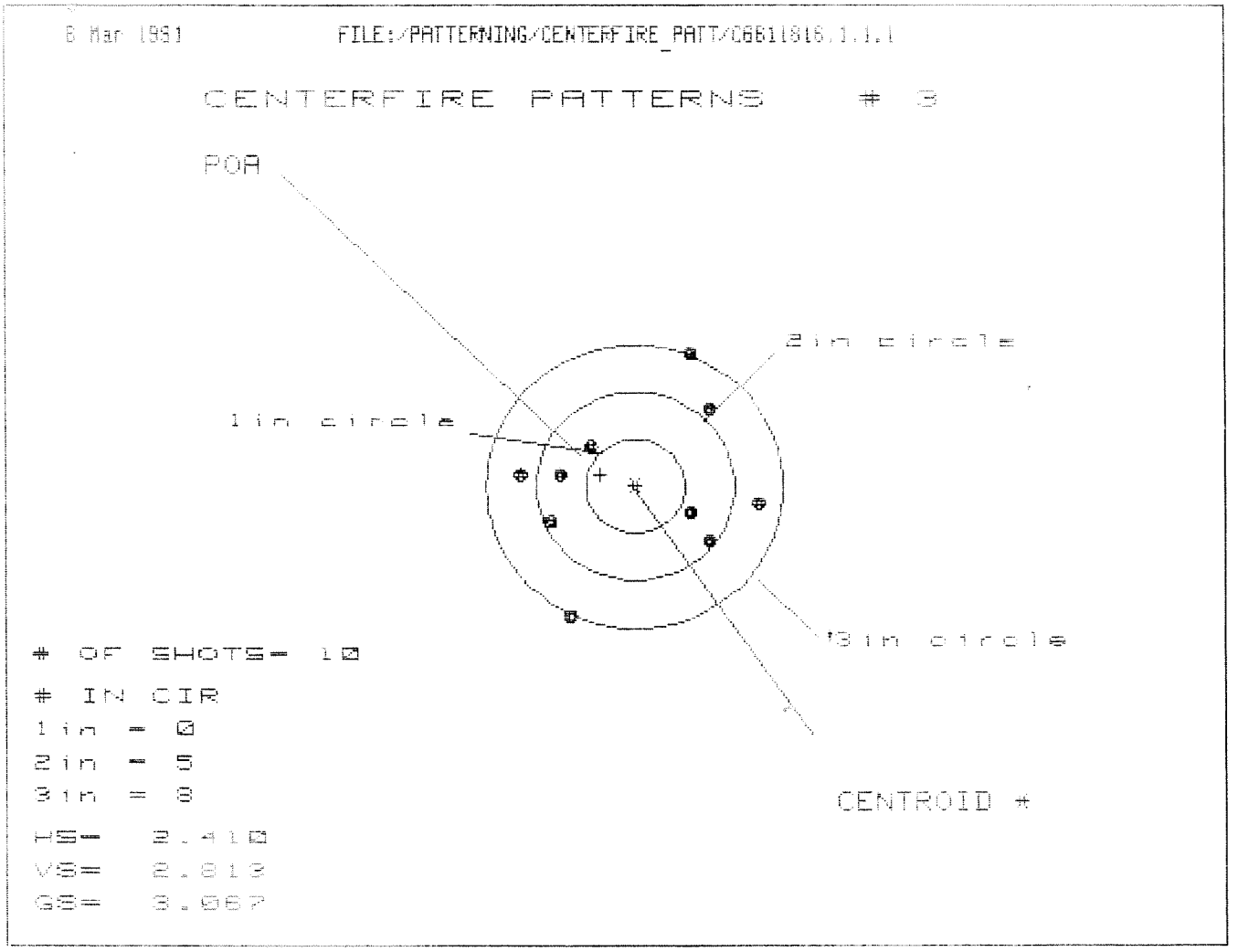
THE AMR FOR THIS RIFLE IS: .9172



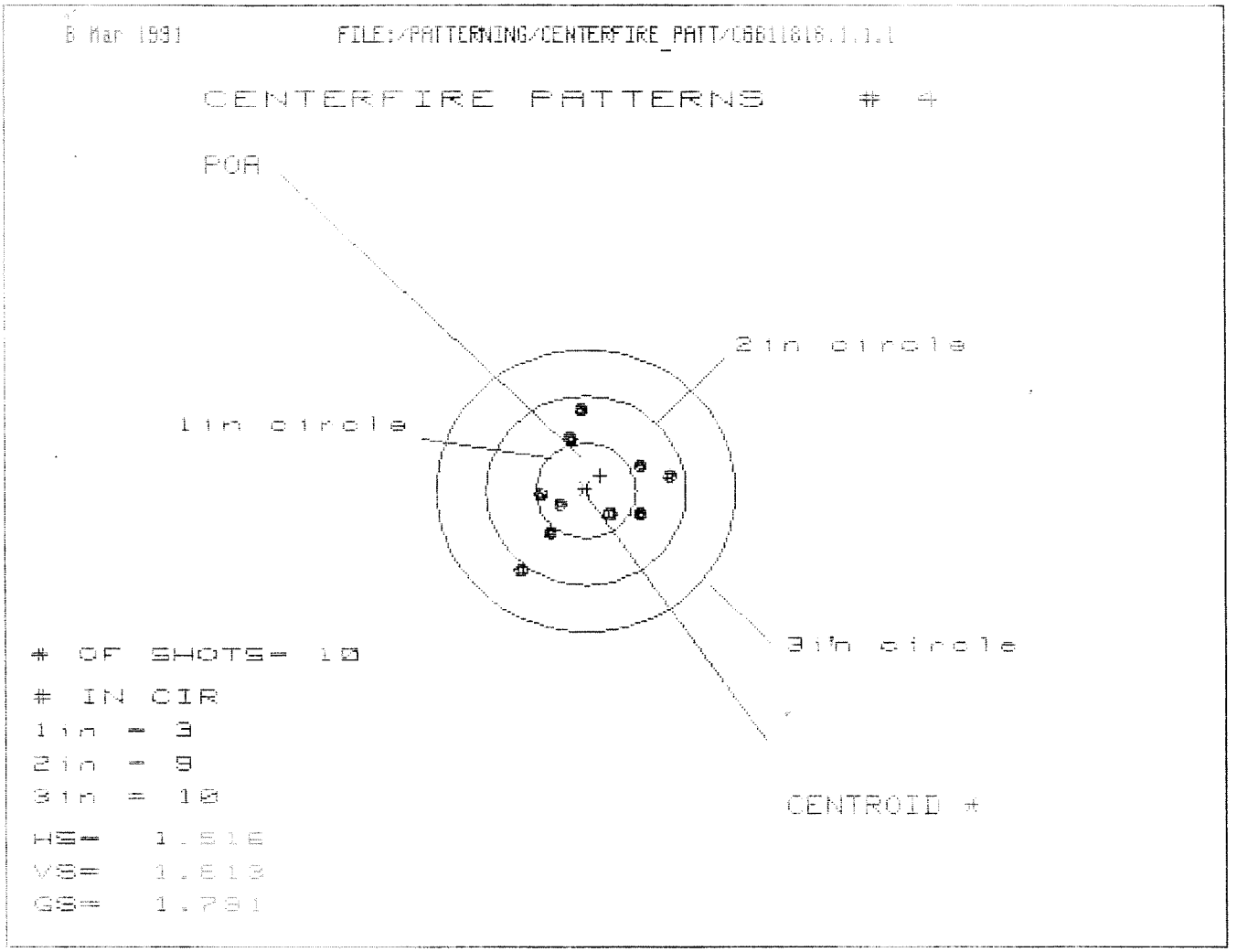
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.241	1.327	.802
MINIMUM X	:	-1.422	-1.284	-1.118
MAXIMUM Y	:	1.717	1.727	1.613
MINIMUM Y	:	-1.210	-1.019	-.803
CENTROID X	:	.289	.151	-.015
CENTROID Y	:	.282	.091	-.125
POA TO CENTROID in.	:	.404	.176	.126
MIN RADIUS	:	.020	.230	.228
MEAN RADIUS	:	1.114	.939	.708
MAX RADIUS	:	2.119	2.178	1.801
HORIZONTAL SPREAD	:	2.663	2.611	1.920
VERTICAL SPREAD	:	2.927	2.746	2.416
EXTREME SPREAD	:	3.689	3.528	2.803
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	



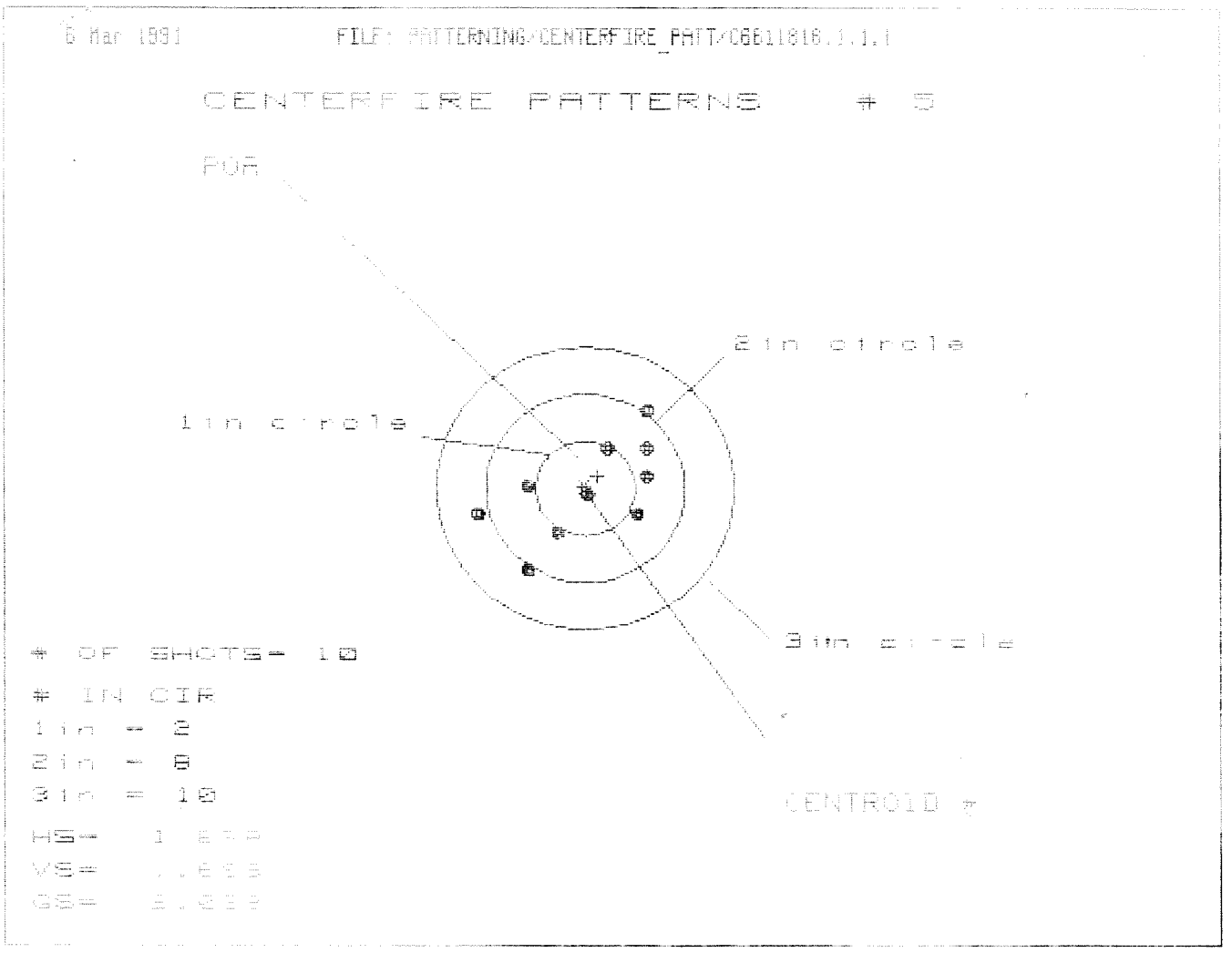
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.013	.821	.725
MINIMUM X	:	-1.734	-1.280	-1.376
MAXIMUM Y	:	.801	.782	.578
MINIMUM Y	:	-1.615	-1.634	-1.498
CENTROID X	:	.011	.203	.299
CENTROID Y	:	.189	.208	.412
POA TO CENTROID in.	:	.189	.291	.509
MIN RADIUS	:	.377	.401	.315
MEAN RADIUS	:	1.153	1.054	.903
MAX RADIUS	:	1.742	1.805	1.511
HORIZONTAL SPREAD	:	2.747	2.101	2.101
VERTICAL SPREAD	:	2.416	2.416	2.076
EXTREME SPREAD	:	2.864	2.756	2.217
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.251	1.174	1.232
MINIMUM X	:	-1.159	-1.236	-1.179
MAXIMUM Y	:	1.402	1.245	.798
MINIMUM Y	:	-1.411	-.757	-.601
CENTROID X	:	.352	.429	.371
CENTROID Y	:	-.122	.035	-.121
POA TO CENTROID in.	:	.373	.430	.391
MIN RADIUS	:	.599	.564	.583
MEAN RADIUS	:	1.040	.976	.917
MAX RADIUS	:	1.569	1.327	1.248
HORIZONTAL SPREAD	:	2.410	2.410	2.410
VERTICAL SPREAD	:	2.813	2.002	1.399
EXTREME SPREAD	:	3.067	2.435	2.435
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.837	.762	.536
MINIMUM X	:	-.679	-.564	-.469
MAXIMUM Y	:	.814	.725	.733
MINIMUM Y	:	-.799	-.545	-.537
CENTROID X	:	-.143	-.068	-.163
CENTROID Y	:	-.158	-.069	-.077
POA TO CENTROID in.	:	.213	.097	.181
MIN RADIUS	:	.289	.319	.321
MEAN RADIUS	:	.608	.557	.523
MAX RADIUS	:	1.048	.765	.735
HORIZONTAL SPREAD	:	1.516	1.326	1.005
VERTICAL SPREAD	:	1.613	1.270	1.270
EXTREME SPREAD	:	1.791	1.377	1.310
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.589	.464	.375
MINIMUM X	:	-1.110	-.716	-.756
MAXIMUM Y	:	.811	.777	.666
MINIMUM Y	:	-.858	-.892	-.616
CENTROID X	:	-.121	.003	.092
CENTROID Y	:	-.129	-.095	.016
POA TO CENTROID (in.)	:	.177	.095	.094
MIN RADIUS	:	.029	.122	.260
MEAN RADIUS	:	.671	.608	.526
MAX RADIUS	:	1.151	1.143	.766
HORIZONTAL SPREAD	:	1.698	1.180	1.131
VERTICAL SPREAD	:	1.669	1.669	1.282
EXTREME SPREAD	:	2.038	2.038	1.521
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

QP 0041

Endurance 13/A
C-6611816

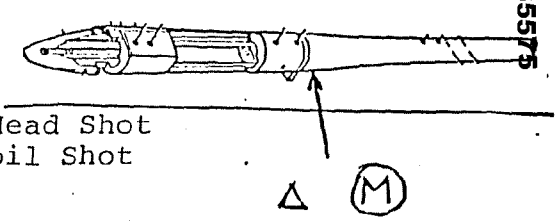
PART NUMBER C-6611816

MAGNETIC PARTICLE INSPECTION

PART NAME Final Bbl.Assem.MATERIAL Bbl. Rem.Spec.#155-Rec.Spec.4137M

OPERATION NUMBER 615

METHOD	SINGLE PARTS			MULTIPLE PARTS			SKETCH AND/OR REMARKS
	HEAD SHOT	HEAD SHOT CENTRAL CONDUCTOR	COIL SHOT	HEAD SHOT CENTRAL CONDUCTOR	COIL SHOT IN BASKET	AMPERES	
NON-FLUORSECENT CONTINUOUS WET							
FLUORESCENT CONTINUOUS WET	Yes		Yes (2 Overlapping)			900-1100-Head Shot 600-800-Coil Shot	
NON-FLUORESCENT RESIDUAL WET							
FLUORESCENT RESIDUAL WET							



APPROVAL:
INSP. _____ LEV III _____
DATE: _____ DATE: _____

STAMPING

STEEL STAMP ON. Triangular stamp (Δ) and letter "M" circled

OTHER Location-right side near Receiver.

ACCEPTANCE STANDARD

No Indications acceptable in the Locking Lug area of Receiver or chamber area of Bbl.

PROCEDURE:

1. All parts must be cleaned before testing.
2. All parts shall be satisfactorally demagnetized after all magnetization has been completed.
3. The magnetic substance shall be completely removed from all parts after inspection and demagnetization.
4. All accepted parts must be marked with a mangaflux stamp, acid etch, or ink stamp (If the part is too small or is a critical part, contact inspection supervisor).
5. Parts having indications not acceptable shall be segregated and identified, and are to be reviewed by Metallurgy and inspection groups.
6. All areas to be inspected 100%.
7. Inspection to be performed by a certified Level I, acceptance or rejection of product will be done by a certified Level II, or Level III.

USE BACK SIDE OF THIS CARD TO RECORD EACH LOT INSPECTED.
ALL BLOCKS MUST BE PROPERLY FILLED IN.

LEV III. Karl C Price
INSP. 8158-8096

FORM QP-0041-1 "B" Stamp

Endurance B/A - M-24 - SWS

QP 0041 #C 66 11 816

Rds Fired

DATE	MFG. ORDER NO.	QUANTITY	SERIAL #	QUANTITY OF PARTS ACCEPTED	REJECTED
2-27-91		2,500		1	0
3-6-91		5,000		1	0
3-7-91		6,000		1	0
3-8-91		7,000		1	0
3-11-91		8,000		1	0
3-12-91		9,000		1	0
3-14-91		10,000		1	0