C634907

MODEL 700™ M24

Model SMS™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington®

Arms Services Repair & Estimate System

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSR Tools Reports Table Maintenance System Maintenance Help

Repair Inquiry

Repair Number: RE00102800

Verify Repair

Serial: C6349079 Model: M24 SWS Center Fire Caliber: 7.62 NATO

Repairman:

Status: Closed 10/26/2005 8:47:40 AM

Address Information

	Customer: (Received From)	Return To: (Received From)
Name:	PR W7LZ CAMP SHELBY DET 57	PR W7LZ CAMP SHELBY DET 57
Address 1:	OEF TRAINING BDE ROTATION	OEF TRAINING BDE ROTATION
Address 2:	BLDG 6520 WAREHOUSE AVE PO Box	BLDG 6520 WAREHOUSE AVE PO Box
City:	CAMP SHELBY	CAMP SHELBY
State / Zip Code / Country:	MS / 39407 / US	MS / 39407 / US

FFL:

Contact / Condition | Problems | Estimate | History / Status | Shipping / Billing

Contact Information

Phone: 601 558 4593

Fax:

Email:

Comments:

Received Condition

Fair

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A045	Bi Pod	1
A057	Frt and Rear Sgt Base	1

Repair Search | Refresh | Close

nagletj | 10/26/2005 | 9:45 AM | CAPS | NUM | INS | SCRL

start

Serial Number: C6349079

Model: M24 SWS

RE00102800

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349079.__0
FILE DATE AND TIME: 11/28/2005 14:58

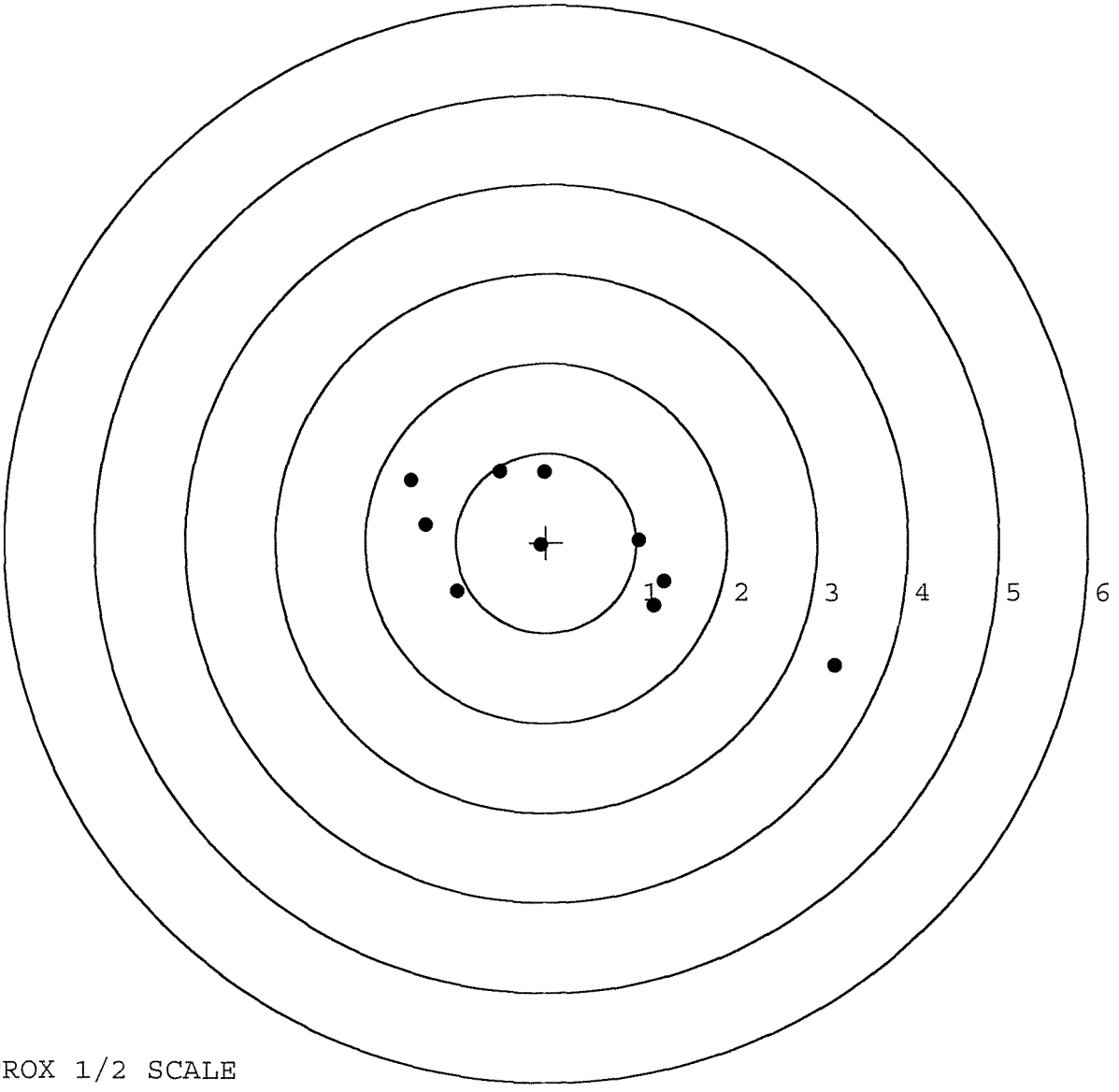
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.086
The Average Y Centroid of the Five Target Set:	-0.131
The Average Point of Impact of the Five Target Set:	0.157
The Average Mean Radius of the Five Target Set:	1.010
The Distance from POA to Centroid Target #1:	0.239
The Distance from Centroid Target #2 to Centroid Target #1:	0.215
The Distance from Centroid Target #3 to Centroid Target #1:	0.151
The Distance from Centroid Target #4 to Centroid Target #1:	0.317
The Distance from Centroid Target #5 to Centroid Target #1:	0.191

SERIAL NUMBER: C6349079.__0
TARGET NUMBER: 1
FILE DATE: 11/28/2005
FILE TIME: 14:58

X CENTROID:	0.232
Y CENTROID:	-0.058
POA TO CENTROID:	0.239
HORZ SPREAD:	4.688
VERT SPREAD:	2.159
GROUP SPREAD:	5.119
MIN RADIUS:	0.296
MAX RADIUS:	3.235
MEAN RADIUS:	1.342
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	3
# in 3 IN DIAMETER:	7

POINT#	X	Y
1:	1.308	-0.437
2:	1.199	-0.700
3:	1.027	0.027
4:	-0.063	-0.032
5:	-0.023	0.787
6:	-0.517	0.795
7:	-1.496	0.692
8:	-1.329	0.197
9:	-0.981	-0.549
10:	3.192	-1.364

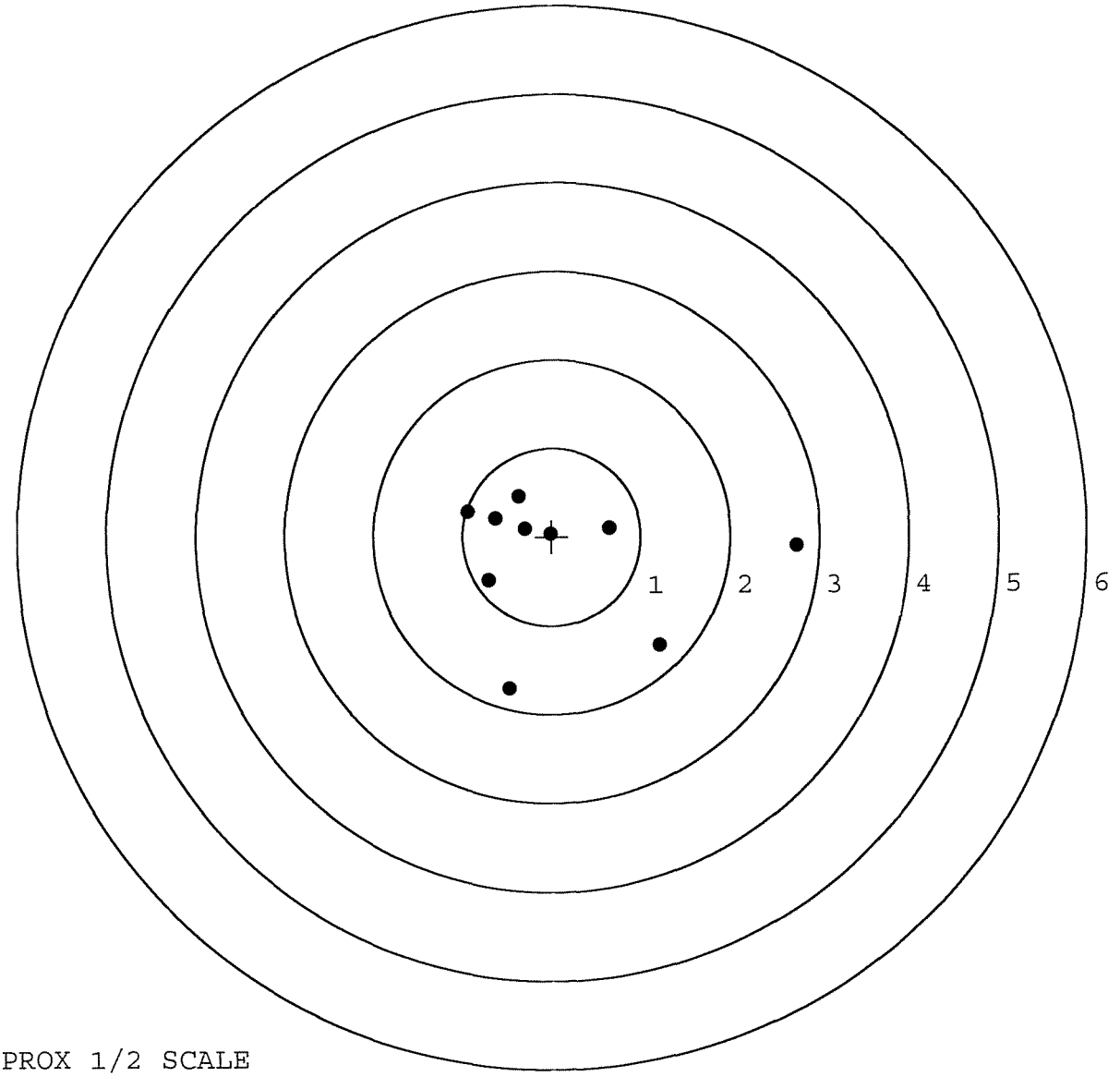


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349079.__0
TARGET NUMBER: 2
FILE DATE: 11/28/2005
FILE TIME: 14:58

X CENTROID:	0.114
Y CENTROID:	-0.238
POA TO CENTROID:	0.264
HORZ SPREAD:	3.683
VERT SPREAD:	2.168
GROUP SPREAD:	3.705
MIN RADIUS:	0.294
MAX RADIUS:	2.631
MEAN RADIUS:	1.091
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	0.649	0.094
2:	1.207	-1.227
3:	-0.483	-1.713
4:	-0.713	-0.490
5:	-0.014	0.027
6:	-0.302	0.092
7:	-0.379	0.455
8:	-0.629	0.211
9:	-0.941	0.286
10:	2.742	-0.118

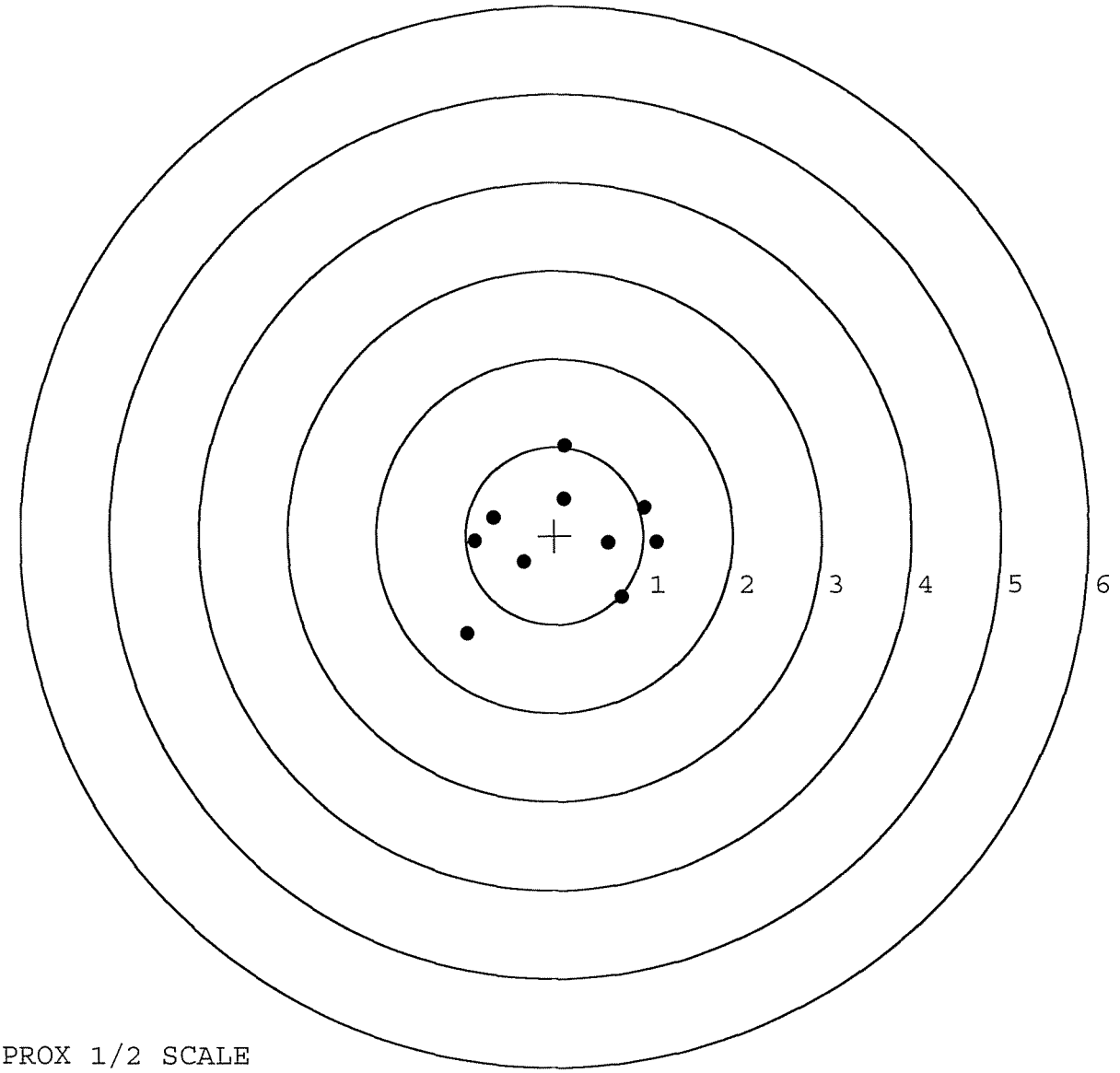


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349079.__0
TARGET NUMBER: 3
FILE DATE: 11/28/2005
FILE TIME: 14:58

X CENTROID:	0.082
Y CENTROID:	-0.037
POA TO CENTROID:	0.090
HORZ SPREAD:	2.127
VERT SPREAD:	2.130
GROUP SPREAD:	2.449
MIN RADIUS:	0.451
MAX RADIUS:	1.510
MEAN RADIUS:	0.882
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.754	-0.690
2:	1.148	-0.079
3:	1.010	0.318
4:	0.605	-0.082
5:	0.101	0.414
6:	0.110	1.019
7:	-0.348	-0.299
8:	-0.683	0.202
9:	-0.895	-0.061
10:	-0.979	-1.111

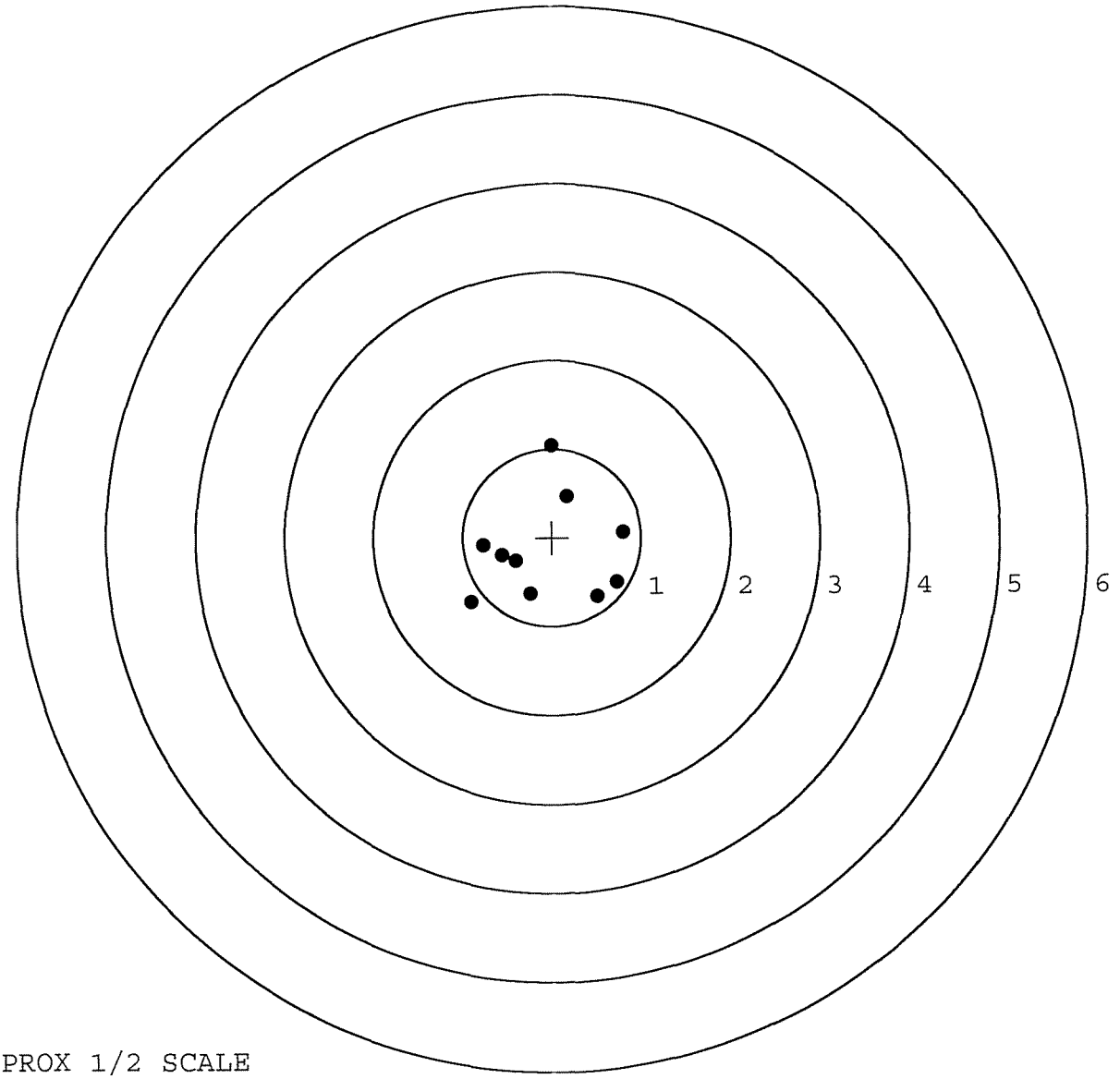


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349079.__0
TARGET NUMBER: 4
FILE DATE: 11/28/2005
FILE TIME: 14:58

X CENTROID:	-0.072
Y CENTROID:	-0.151
POA TO CENTROID:	0.168
HORZ SPREAD:	1.705
VERT SPREAD:	1.769
GROUP SPREAD:	1.983
MIN RADIUS:	0.358
MAX RADIUS:	1.190
MEAN RADIUS:	0.747
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.506	-0.662
2:	0.723	-0.501
3:	0.797	0.066
4:	0.166	0.465
5:	-0.011	1.037
6:	-0.411	-0.265
7:	-0.561	-0.200
8:	-0.768	-0.086
9:	-0.250	-0.637
10:	-0.908	-0.732

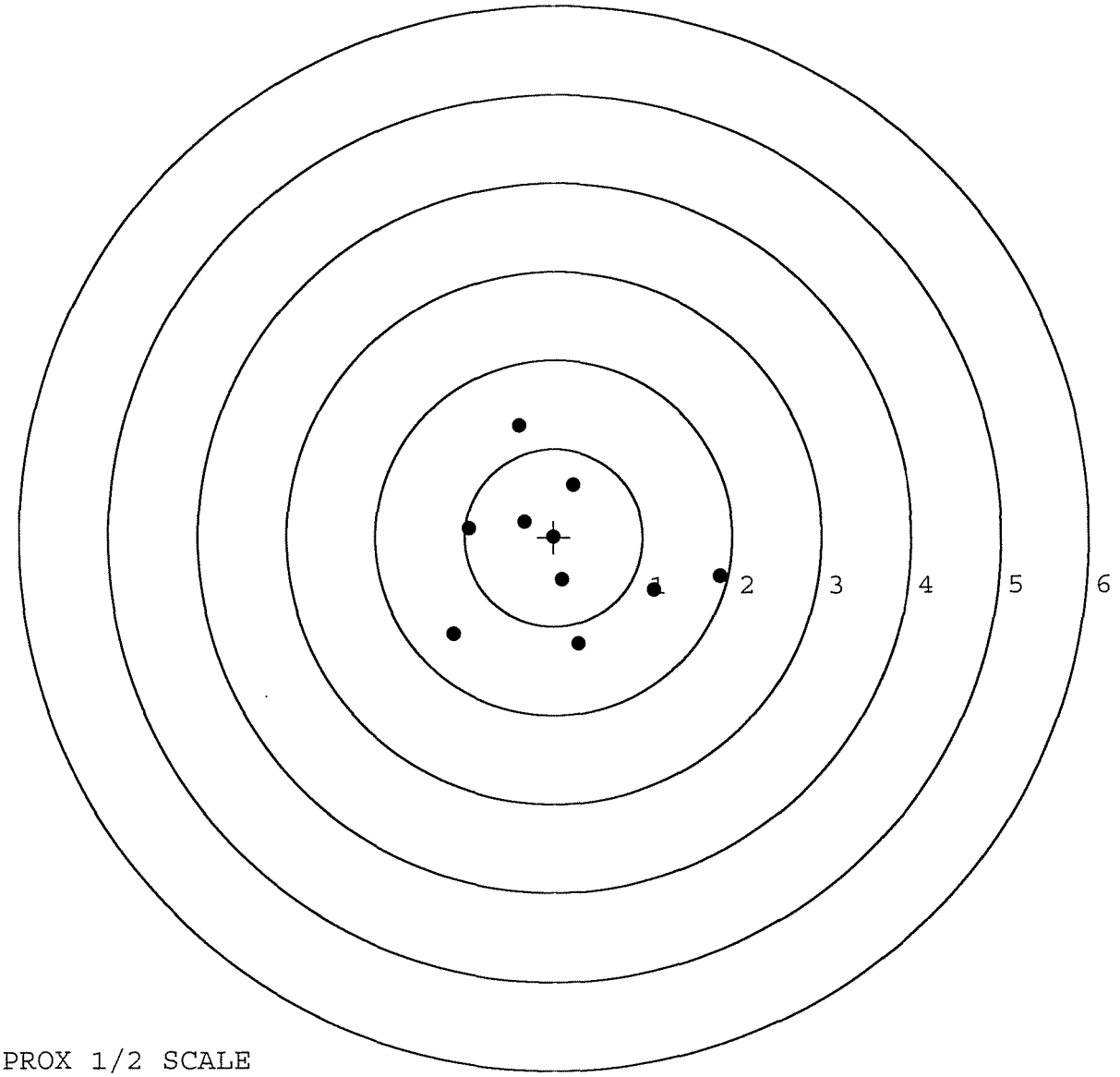


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349079.__0
TARGET NUMBER: 5
FILE DATE: 11/28/2005
FILE TIME: 14:58

X CENTROID:	0.077
Y CENTROID:	-0.170
POA TO CENTROID:	0.186
HORZ SPREAD:	2.985
VERT SPREAD:	2.469
GROUP SPREAD:	3.054
MIN RADIUS:	0.190
MAX RADIUS:	1.809
MEAN RADIUS:	0.989
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	4
# in 3 IN DIAMETER:	7

POINT#	X	Y
1:	1.864	-0.449
2:	1.122	-0.602
3:	0.278	-1.205
4:	0.092	-0.482
5:	-0.013	-0.002
6:	-0.329	0.177
7:	0.214	0.591
8:	-0.393	1.264
9:	-0.949	0.103
10:	-1.121	-1.093



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-D-0127

R & E NUMBER	102800		
		Camp Shelby	
SERIAL NUMBER	C6349079		
LOG-IN DATE	10-26-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITI
550	DIS-ASSEMBLE GUN	11-2-05	AC
560 A	RE-BARREL	11-7-05	AC
B	DRILL AND TAP	11-11-05	BR
575	ASSEMBLE	11-14-05	CD
600	PROOF MAGNA-FLUX INSPECTED	11-14-05	CD
605	CHECK HEADSPACE NOV 15 2005	11-14-05	CD
610	DIS-ASSEMBLE GUN	11-14-05	CD
612	MAGNAFLUX OPERATOR	11/15/05	[illegible]
615	ROLLMARK CALIBER	11-15-05	CW
618	ROTO-BLAST	11-16-05	LB
620	APPLY COATINGS	11/16/05	[illegible]
625 A	FINAL ASSEMBLY	11-17-05	AC
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	11-28-05	AC
D	SAFETY "OFF" FORCE	11-28-05	AC
E	FIRING PIN INDENT	11-28-05	AC
640	TARGET	11-28-05	TRW
655	FINAL INSPECT	11-28-05	AC
660	PACK	12-1-05	DA
		SHIP DATE	
	QAR INSPECTION DATE		

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349079

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		12-20 89	RW
600	Proof		12-20 89	[illegible]
607	Check Headspace		12-20 89	[illegible]
610	Dis-assemble Gun		12-20 89	RW
612	Magnaflux Barrel Action	1-5-90		KER
	Magnaflux Bolt	1-5-90		
615	Rollmark Caliber		1/5/90	JS
17	Drill and Tap Sight Holes		1/8/90	F-B
618	Polish Barrel RB		1/9/90	WB
620	Apply Coatings (Barrel Action)		1-15-90	TS
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		1/18/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/18/90	RW
	C) Inspect Ejector Hole for Chamfer		1/18/90	RW
	D) Oil Firing Pin Ass'y		1/18/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		26 Jan 90	JS

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	5	5	5	1-26-90	JL
	G) Safety Off Force	3	3	3	1-26-90	JL
	H) Trigger Pull Test & Retainability				26Mar90	JS
	I) Firing Pin Indent	.0225	.0225	.0225	1-26-90	JL
	J) Assemble Stock				1/30/90	RW
	K) Assemble Swivel Studs				3/15/90	WB
	L) Attach Front and Rear Sight Assemblies				1/30/90	RW
	M) Iron Sight Alignment				1/30/90	RW
	N) Detach Front & Rear Sights & place in numbered container				1/30/90	RW
	O) Attach Scope to Rifle				3/27/90	WB
	P) Detach & Attach Scope 20 Times				3/27/90	WB
640	Gallery Target & Test				2-28-90	J.S TEMPORARY HELP
	A) Time					"
	B) Malfunctions					"
	C) Pierced Primers					"
	D) Optical Clearity of Scope					"
645	Inspect for Live Ammo					"
655	Final Inspection A) Headspace				15Mar90	JS
	B) Trigger Pull	225	232	239 261 243	15Mar90	JS
	C) Function				15Mar90	JS
660	Pack				19Mar90	JS

SWS TRIGGER PULL TEST

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

SERIAL NO. C6349079
DATE 26 Jan 90
TESTER DJS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.65	2.53	2.47	2.25	MIN. SETTING,
PULL #2	2.48	2.35	2.39	2.32	NO AVG. OF 5
PULL #3	2.53	2.49	2.41	2.39	READINGS ACCEPT-
PULL #4	2.47	2.38	2.38	2.61	ABLE LESS THAN 2#
PULL #5	2.46	2.38	2.40	2.43	
TOTAL	12.59	12.06	12.05	12.00	
AVG.	2.518	2.412	2.41	2.40	

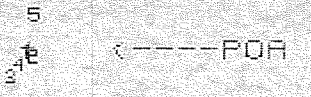
	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.28	3.23		
PULL #2	3.27	3.20		
PULL #3	3.26	3.26		
PULL #4	3.19	3.27		
PULL #5	3.24	3.32		
TOTAL	16.27	16.28		
AVG.	3.254	3.256		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.24	4.03		4.14
PULL #2	4.04	4.13		4.20
PULL #3	4.07	4.06		4.18
PULL #4	4.16	4.06		4.17
PULL #5	4.08	4.09		4.26
TOTAL	20.69	20.37		20.95
AVG.	4.138	4.074		4.19

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349079
28 Feb 1990

CENTROIDAL DISTANCES

0	TO	1	.0403113
1	TO	2	.13923
1	TO	3	.539333
1	TO	4	.272918
1	TO	5	.687978

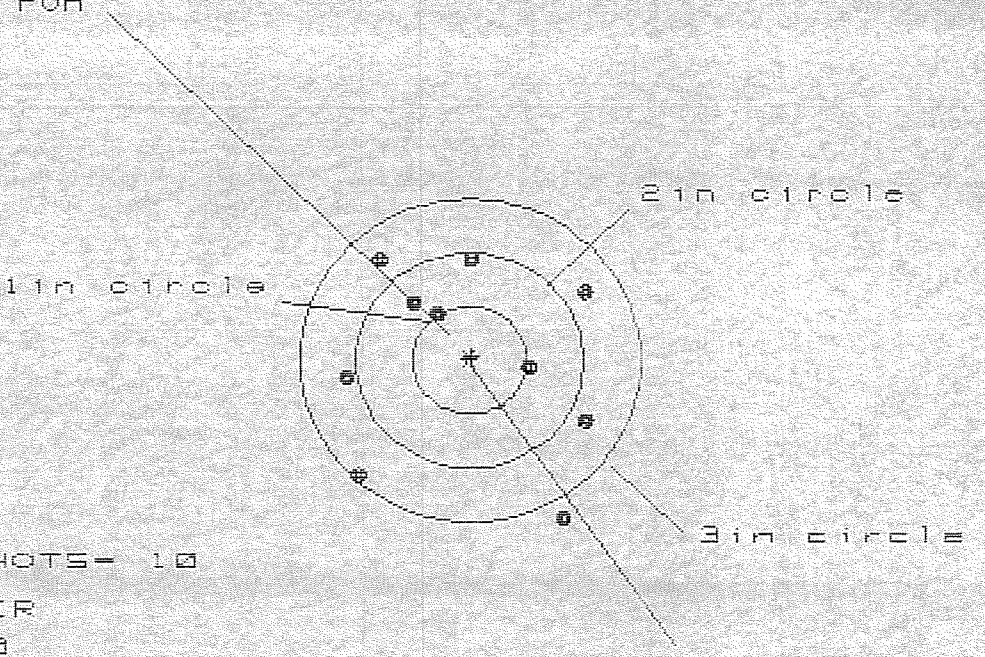


THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0538
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0542
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0763681

THE AMR FOR THIS RIFLE IS: 1.092

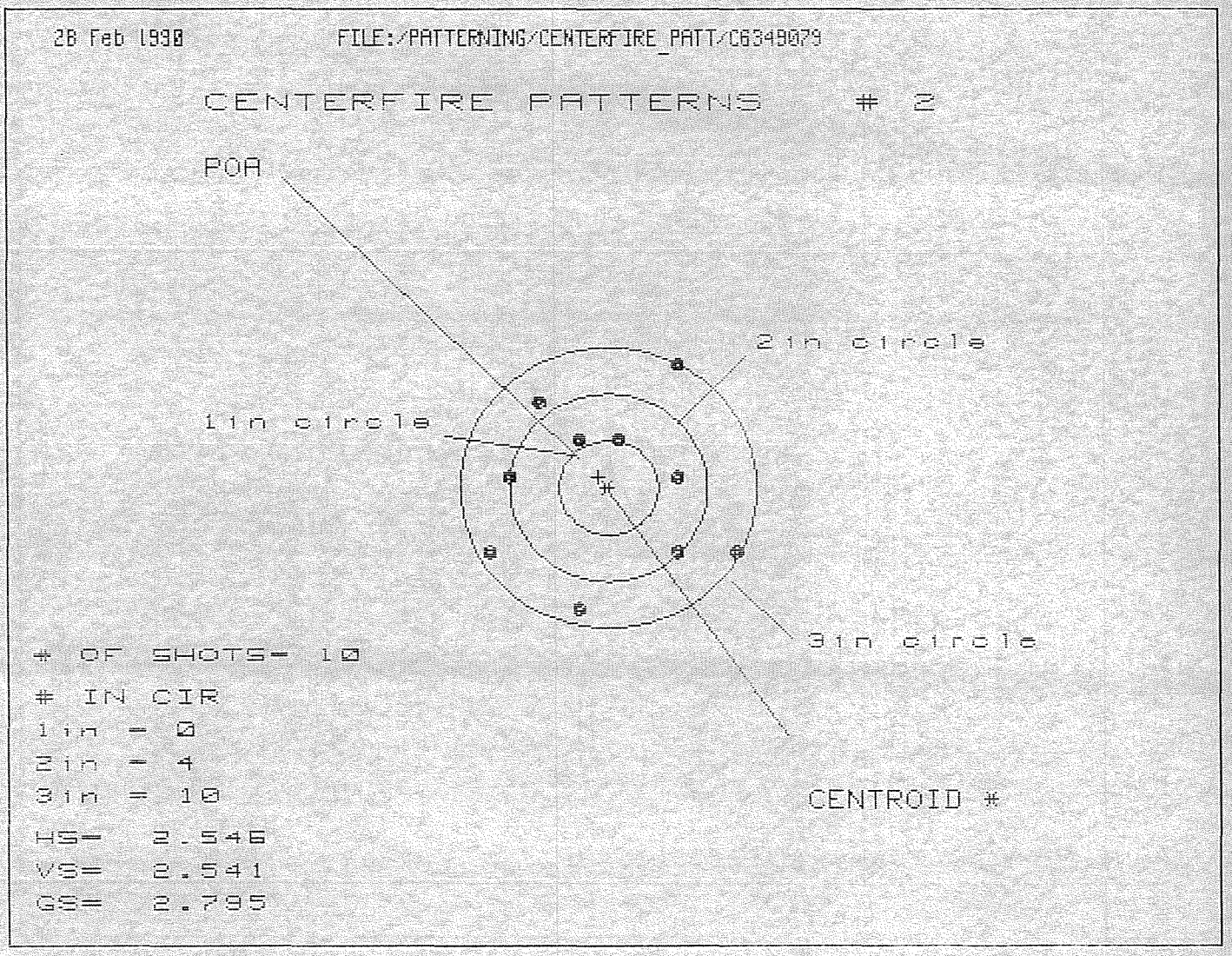
28 Feb 1990 FILE:/PATTERNING/CENTERFIRE_PATT/C63490?3

CENTERFIRE PATTERNS # 1



# OF SHOTS= 10
# IN CIR
1in = 2
2in = 4
3in = 9
HS= 2.132
VS= 2.401
GS= 2.874

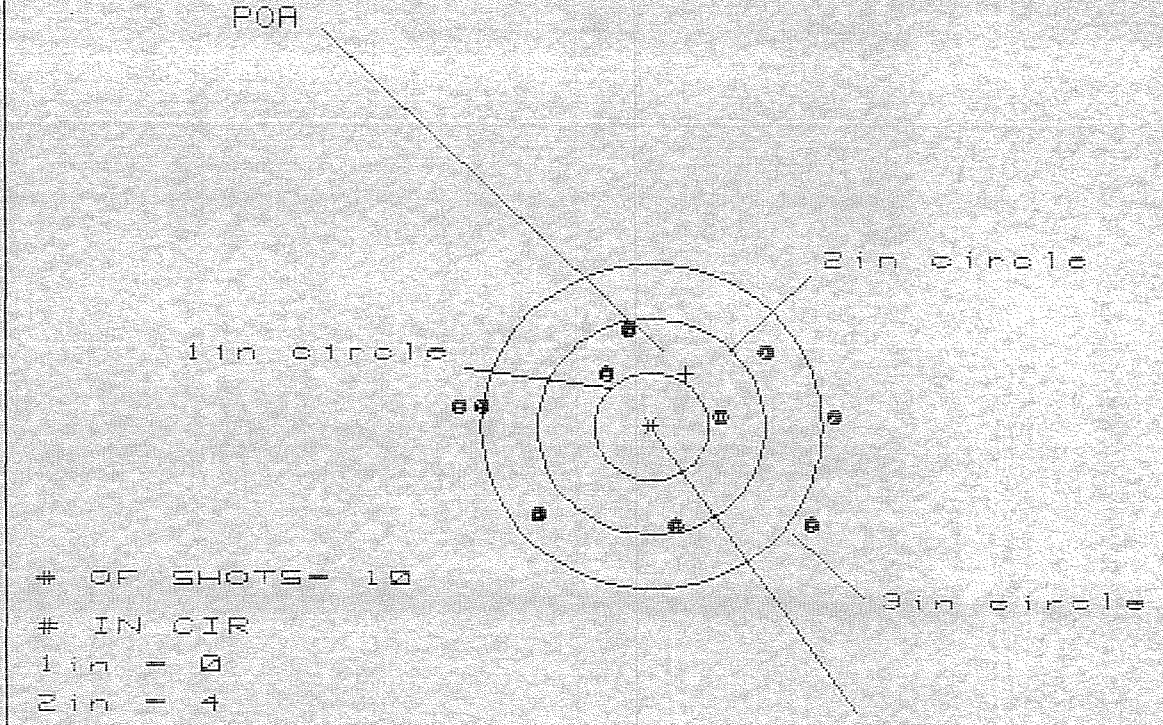
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.061	1.153	1.043
MINIMUM X	:	-1.071	-.979	-1.089
MAXIMUM Y	:	.926	.762	.607
MINIMUM Y	:	-1.475	-1.239	-.921
CENTROID X	:	-.016	-.108	.001
CENTROID Y	:	-.037	.127	.282
POA TO CENTROID in.	:	.040	.167	.282
MIN RADIUS	:	.508	.321	.317
MEAN RADIUS	:	1.048	.934	.835
MAX RADIUS	:	1.692	1.518	1.392
HORIZONTAL SPREAD	:	2.132	2.132	2.132
VERTICAL SPREAD	:	2.401	2.001	1.528
EXTREME SPREAD	:	2.874	2.609	2.369
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.308	.863	.963
MINIMUM X	:	-1.238	-1.093	-.985
MAXIMUM Y	:	1.282	1.206	.979
MINIMUM Y	:	-1.259	-1.335	-1.184
CENTROID X	:	.100	-.045	-.153
CENTROID Y	:	-.114	-.038	-.189
POA TO CENTROID in.	:	.152	.059	.243
MIN RADIUS	:	.525	.438	.558
MEAN RADIUS	:	1.066	1.002	.952
MAX RADIUS	:	1.477	1.483	1.184
HORIZONTAL SPREAD	:	2.546	1.956	1.948
VERTICAL SPREAD	:	2.541	2.541	2.163
EXTREME SPREAD	:	2.795	2.795	2.204
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		10	

28 Feb 1990 FILE:/PATTERNING/CENTERFIRE_PATT/C83450?9

CENTERFIRE PATTERNS # 3

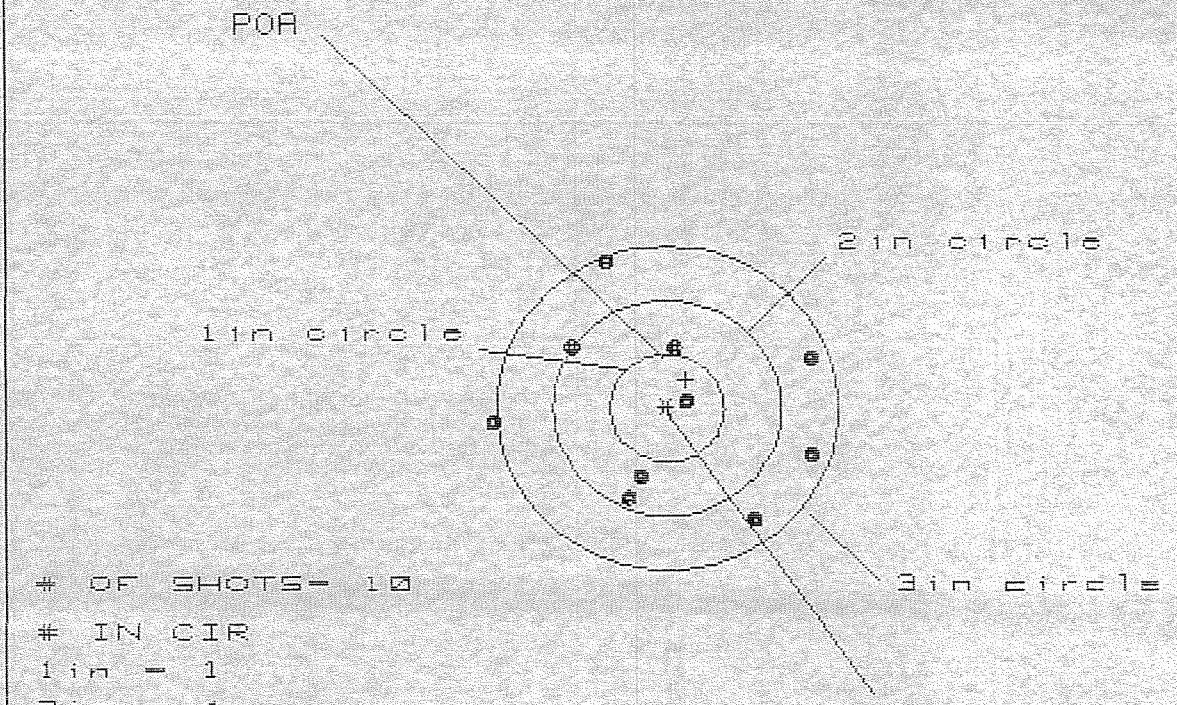


# OF SHOTS= 10
# IN CIR
1in = 0
2in = 4
3in = 6
HS= 3.256
VS= 1.755
GS= 3.263

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.587	1.402	1.556
MINIMUM X	:	-1.669	-1.728	-1.574
MAXIMUM Y	:	.858	.879	.774
MINIMUM Y	:	-.897	-.876	-.981
CENTROID X	:	-.304	-.119	-.273
CENTROID Y	:	-.493	-.514	-.409
POA TO CENTROID in.	:	.579	.527	.492
MIN RADIUS	:	.597	.419	.561
MEAN RADIUS	:	1.206	1.135	1.081
MAX RADIUS	:	1.680	1.740	1.577
HORIZONTAL SPREAD	:	3.256	3.130	3.130
VERTICAL SPREAD	:	1.755	1.755	1.755
EXTREME SPREAD	:	3.263	3.141	3.131
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		6	

28 Feb 1990 FILE:/PATTERNING/CENTERFIRE_PATT/C63450079

CENTERFIRE PATTERNS # 4

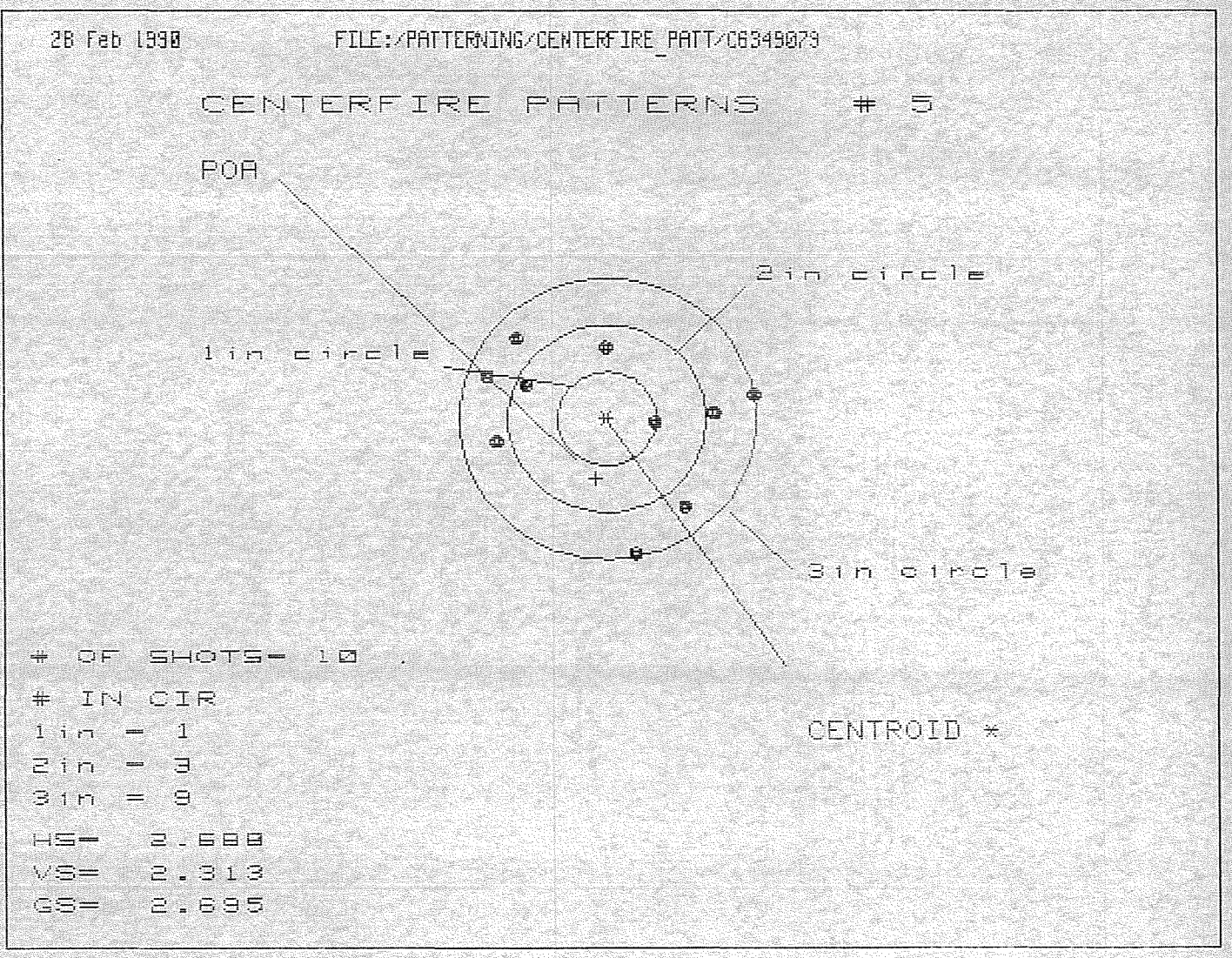


OF SHOTS= 10

# IN CIR
1in = 1
2in = 4
3in = 9

HS= 2.847
VS= 2.391
GS= 2.924

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.300	1.128	1.037
MINIMUM X	:	-1.547	-1.032	-1.123
MAXIMUM Y	:	1.389	1.370	.749
MINIMUM Y	:	-1.002	-1.021	-.850
CENTROID X	:	-.166	.006	.097
CENTROID Y	:	-.265	-.246	-.417
POA TO CENTROID in.	:	.313	.246	.428
MIN RADIUS	:	.125	.051	.229
MEAN RADIUS	:	1.039	.968	.899
MAX RADIUS	:	1.557	1.549	1.350
HORIZONTAL SPREAD	:	2.847	2.160	2.160
VERTICAL SPREAD	:	2.391	2.391	1.599
EXTREME SPREAD	:	2.924	2.752	2.313
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.460	1.493	1.277
MINIMUM X	:	-1.228	-1.195	-1.009
MAXIMUM Y	:	.826	.660	.671
MINIMUM Y	:	-1.487	-1.062	-1.051
CENTROID X	:	.117	.084	-.102
CENTROID Y	:	.638	.804	.793
POA TO CENTROID in.	:	.649	.808	.799
MIN RADIUS	:	.463	.546	.633
MEAN RADIUS	:	1.103	1.039	.964
MAX RADIUS	:	1.517	1.495	1.454
HORIZONTAL SPREAD	:	2.688	2.688	2.286
VERTICAL SPREAD	:	2.313	1.722	1.722
EXTREME SPREAD	:	2.695	2.695	2.422
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		9	