C-1300 577
Replace
C 579 4162

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

Repair Number: RE00078436
Verify Repair

Serial: C6594666 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status: Closed 3/9/2004 1:07:22 PM

Address Information

Customer: (Received From)	Return To: (Received From)
Name: A CO 2/3RD SFG A	A CO 2/3RD SFG A
Address 1:	
Address 2: PO Box:	PO Box:
City: FORT BRAGG	FORT BRAGG
State: NC Zip Code: 28310 Country: US	State: NC Zip Code: 28310 Country: US

FFL:

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

Contact Information

Phone:
Fax:
Email:
Comments:

Received Condition

Fair

Condition Notes:
CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Studs	2
A010	Hard Case(WOG)	1
A017	Scope Base	1
A042	Adjustable Butt Pad	1

Repair Search | Refresh | Close

naglej | 3/9/2004 | 1:23 PM | CAPS | NUM | INS | SCRL

start 5 2 4

C6630057 7 (New)

Serial Number: C6594666

Model: M24 SWS

RE00078436

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6300577.__0
FILE DATE AND TIME: 03/29/2004 07:14

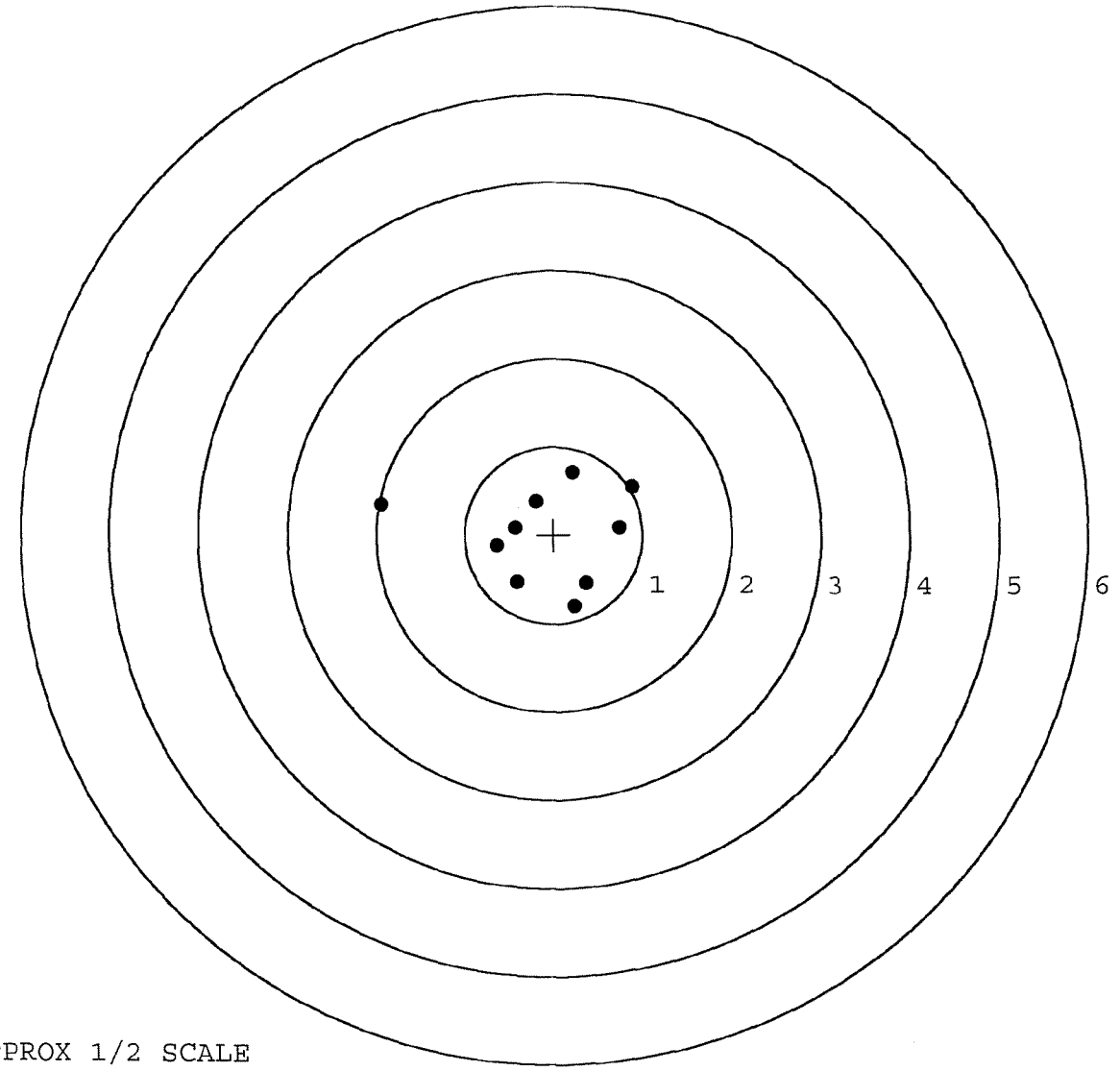
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.043
The Average Y Centroid of the Five Target Set:	-0.009
The Average Point of Impact of the Five Target Set:	0.043
The Average Mean Radius of the Five Target Set:	0.753
The Distance from POA to Centroid Target #1:	0.121
The Distance from Centroid Target #2 to Centroid Target #1:	0.058
The Distance from Centroid Target #3 to Centroid Target #1:	0.142
The Distance from Centroid Target #4 to Centroid Target #1:	0.097
The Distance from Centroid Target #5 to Centroid Target #1:	0.178

SERIAL NUMBER: G6300577.__0
TARGET NUMBER: 1
FILE DATE: 03/29/2004
FILE TIME: 07:14

X CENTROID:	-0.120
Y CENTROID:	0.015
POA TO CENTROID:	0.121
HORZ SPREAD:	2.833
VERT SPREAD:	1.518
GROUP SPREAD:	2.841
MIN RADIUS:	0.318
MAX RADIUS:	1.862
MEAN RADIUS:	0.812
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.243	-0.806
2:	0.372	-0.541
3:	0.741	0.093
4:	0.881	0.553
5:	0.207	0.712
6:	-0.202	0.374
7:	-0.432	0.076
8:	-0.642	-0.124
9:	-0.413	-0.530
10:	-1.952	0.345

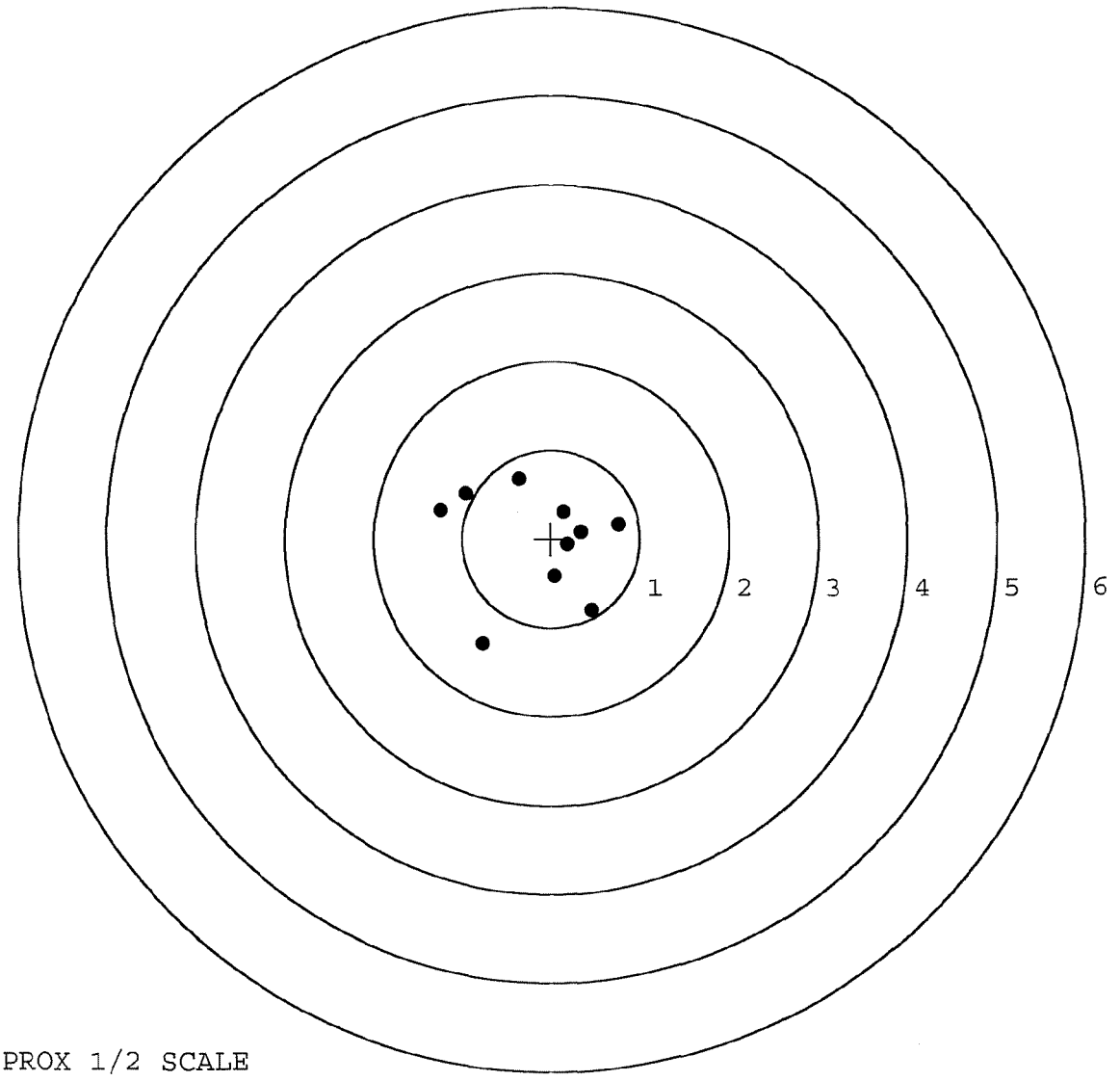


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300577.__0
TARGET NUMBER: 2
FILE DATE: 03/29/2004
FILE TIME: 07:14

X CENTROID:	-0.141
Y CENTROID:	-0.039
POA TO CENTROID:	0.146
HORZ SPREAD:	2.016
VERT SPREAD:	1.853
GROUP SPREAD:	2.036
MIN RADIUS:	0.331
MAX RADIUS:	1.297
MEAN RADIUS:	0.781
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.457	-0.800
2:	0.043	-0.424
3:	0.766	0.165
4:	-0.768	-1.174
5:	-0.365	0.679
6:	-0.963	0.517
7:	-1.250	0.330
8:	0.190	-0.064
9:	0.344	0.082
10:	0.141	0.301

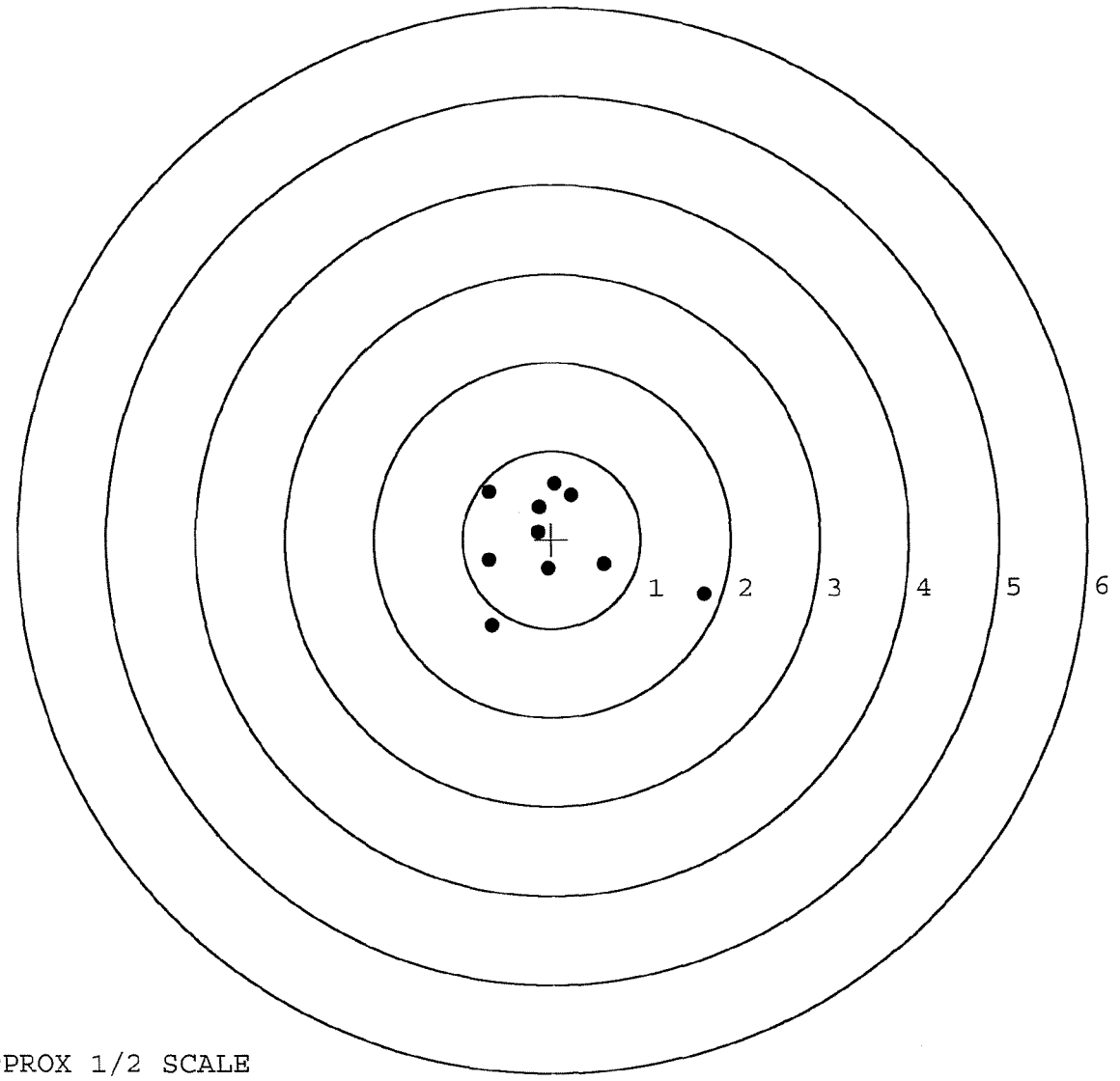


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300577.__0
TARGET NUMBER: 3
FILE DATE: 03/29/2004
FILE TIME: 07:14

X CENTROID:	0.014
Y CENTROID:	-0.031
POA TO CENTROID:	0.034
HORZ SPREAD:	2.406
VERT SPREAD:	1.593
GROUP SPREAD:	2.675
MIN RADIUS:	0.202
MAX RADIUS:	1.790
MEAN RADIUS:	0.740
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	1.703	-0.625
2:	0.588	-0.283
3:	-0.040	-0.330
4:	-0.152	0.083
5:	0.223	0.497
6:	0.038	0.628
7:	-0.703	0.545
8:	-0.700	-0.229
9:	-0.675	-0.965
10:	-0.142	0.366

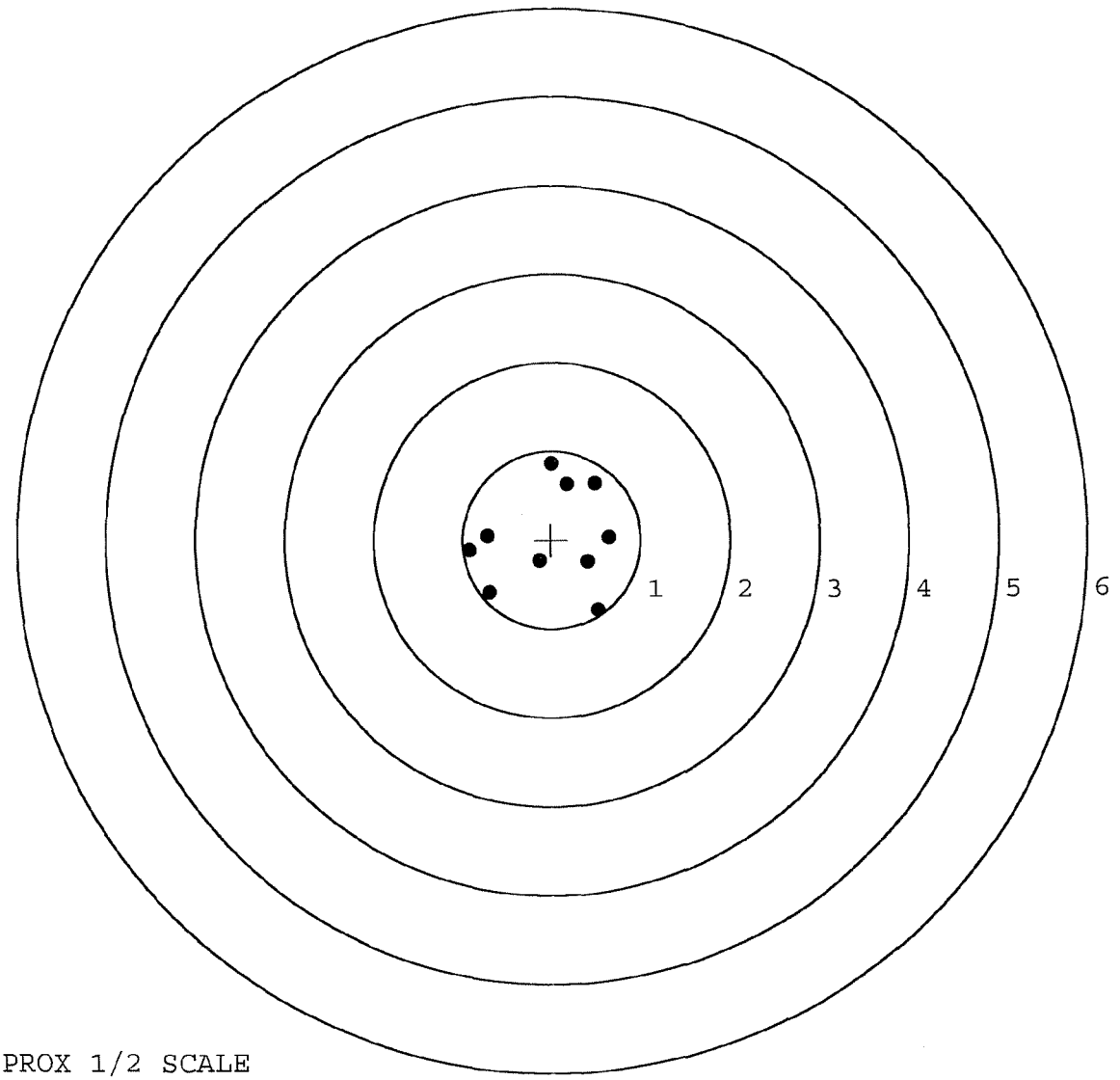


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300577.__0
TARGET NUMBER: 4
FILE DATE: 03/29/2004
FILE TIME: 07:14

X CENTROID:	-0.023
Y CENTROID:	0.023
POA TO CENTROID:	0.033
HORZ SPREAD:	1.574
VERT SPREAD:	1.645
GROUP SPREAD:	1.725
MIN RADIUS:	0.283
MAX RADIUS:	0.977
MEAN RADIUS:	0.723
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.522	-0.787
2:	0.409	-0.244
3:	0.648	0.031
4:	-0.140	-0.234
5:	-0.697	-0.592
6:	-0.926	-0.114
7:	-0.715	0.050
8:	0.003	0.858
9:	0.489	0.640
10:	0.176	0.624

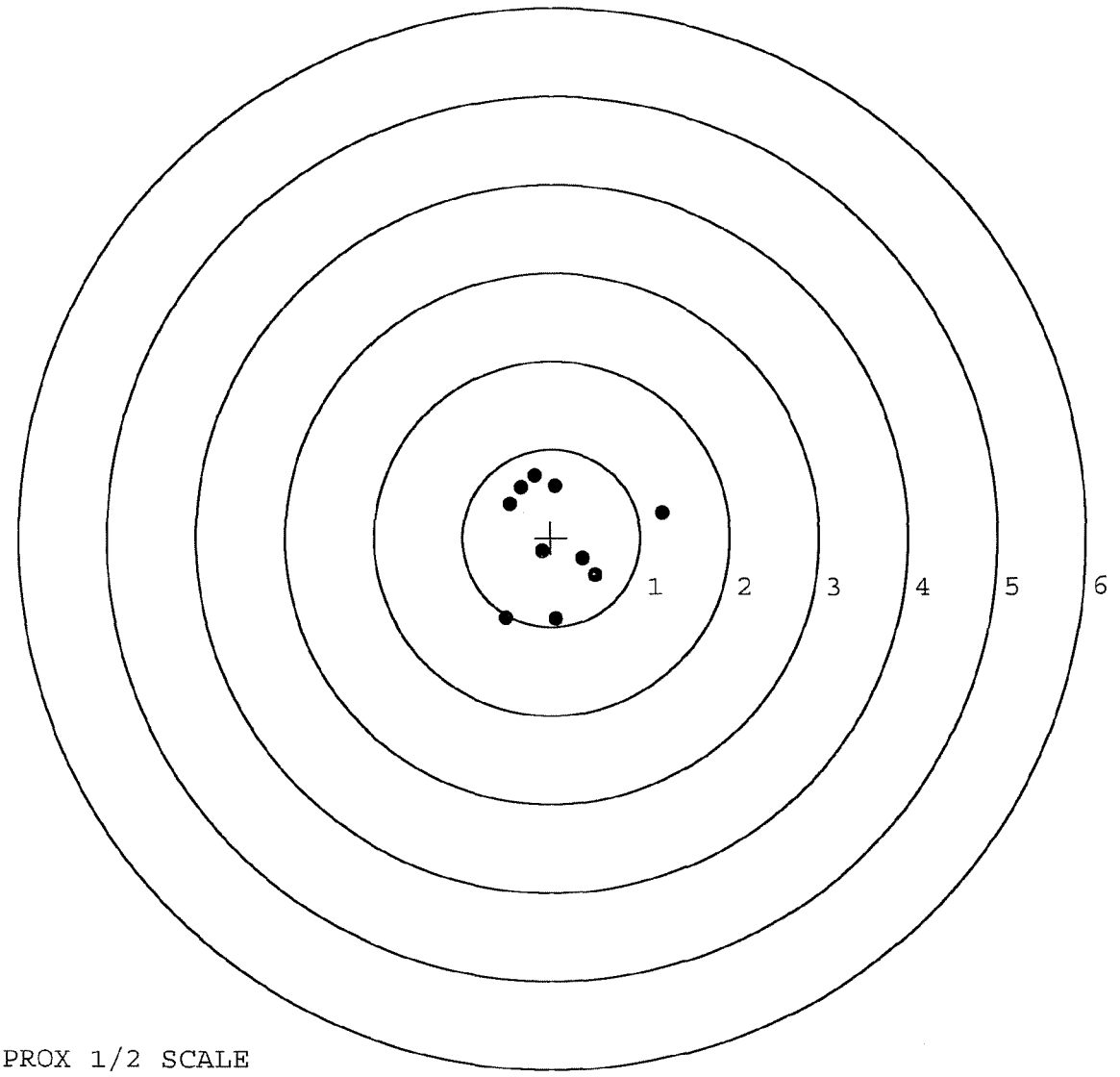


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300577.__0
TARGET NUMBER: 5
FILE DATE: 03/29/2004
FILE TIME: 07:14

X CENTROID:	0.056
Y CENTROID:	-0.012
POA TO CENTROID:	0.058
HORZ SPREAD:	1.762
VERT SPREAD:	1.621
GROUP SPREAD:	2.120
MIN RADIUS:	0.216
MAX RADIUS:	1.223
MEAN RADIUS:	0.710
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.246	0.274
2:	0.498	-0.422
3:	0.356	-0.232
4:	0.048	-0.917
5:	-0.104	-0.156
6:	-0.516	-0.905
7:	-0.473	0.384
8:	-0.344	0.571
9:	-0.191	0.704
10:	0.044	0.583



TARGET APPROX 1/2 SCALE

R & E NUMBER	78436		
SERIAL NUMBER	~~C6594666~~	C6300577 (New)	
LOG-IN DATE	3-9-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	3-10-04	RTL
560 A	RE-BARREL	3-11-04	RTL
B	DRILL AND TAP	3-15-04	TRW
575	ASSEMBLE	3-11-04	RTL
600	PROOF	3-11-04	RTL
605	CHECK HEADSPACE	3-11-04	RTL
610	DIS-ASSEMBLE GUN	3-11-04	RTL
612	MAGNAFLUX OPERATOR	~~3-15-04~~	~~TRW~~
615	ROLLMARK CALIBER	3-11-04	RTL
618	ROTO-BLAST	3/16/2004	Dans
620	APPLY COATINGS	3-19	TA
625 A	FINAL ASSEMBLY	3-22-04	RW
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	3-29-04	TRW
655	FINAL INSPECT	4-6-04	RTL
660	PACK	4-14-04	RTL
		SHIP DATE	
	QAR INSPECTION DATE		

Remington®

DU PONT
REG. U.S. PAT. & TM. OFF.

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

MODEL 700™ M24

SERIAL NO. C6594666

ORDER NO. 5716

MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee. 20

5716 C6594666

UPC

0 47700 25716 7

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6594666

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1 16	91	RW
600	Proof	1 16	91	RW
607	Check Headspace	1 16	91	RW
610	Dis-assemble Gun	1 16	91	RW
612	Magnaflux Barrel Action	1 18	91	KR
	Magnaflux Bolt	1 18	91	KR
615	Rollmark Caliber	1 16	91	GL
617	Drill and Tap Sight Holes	1 24	91	FB
618	Polish Barrel	1 24	91	WB
620	Apply Coatings (Barrel Action)		2-15-91	JH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/18/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/18/91	RW
	C) Inspect Ejector Hole for Chamfer		2/18/91	RW
	D) Oil Firing Pin Ass'y		2/18/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		3-1-91	GL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4 3/4	4 1/2	4 1/2			3/1/91	WB
	G) Safety Off Force	2 3/4	2 1/2	2 1/2			3/1/91	WB
	H) Trigger Pull Test & Retainability						3/1/91	
	I) Firing Pin Indent	.021	.021	.021			3/1/91	WB
	J) Assemble Stock						3/2/91	RW
	K) Assemble Swivel Studs						3-6-91	DH
	L) Attach Front and Rear Sight Assemblies						3/2/91	RW
	M) Iron Sight Alignment						3/2/91	RW
	N) Detach Front & Rear Sights & place in numbered container						3/2/91	RW
	O) Attach Scope to Rifle						3/2/91	RW
	P) Detach & Attach Scope 20 Times						3/2/91	RW
640	Gallery Target & Test						3-4-91	AC
	A) Time						3-4-91	AC
	B) Malfunctions						3-4-91	AC
	C) Pierced Primers						3-4-91	AC
	D) Optical Clearity of Scope						3-4-91	AC
645	Inspect for Live Ammo						3-4-91	AC
655	Final Inspection A) Headspace						3-6-91	DH
	B) Trigger Pull	2.33	2.43	2.44	2.44	2.43	3-5-91	
	C) Function						3-6-91	DH
660	Pack						3-15-91	DH

SWS TRIGGER PULL TEST

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

SERIAL NO. C6594666

DATE 3-1-91

TESTER

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.26	2.27	2.42	2.33	MIN. SETTING,
PULL #2	2.18	2.16	2.47	2.43	NO AVG. OF 5
PULL #3	2.24	2.20	2.31	2.44	READINGS ACCEPT-
PULL #4	2.18	2.29	2.48	2.44	ABLE LESS THAN 2#
PULL #5	2.18	2.29	2.54	2.43	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.41	3.36		
PULL #2	3.34	3.34		
PULL #3	3.38	3.36		
PULL #4	3.36	3.33		
PULL #5	3.28	3.33		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.41	4.17		4.55
PULL #2	4.39	4.31		4.20
PULL #3	4.30	4.31		4.24
PULL #4	4.30	4.35		4.40
PULL #5	4.21	4.30		4.43
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6594666
4 Mar 1991

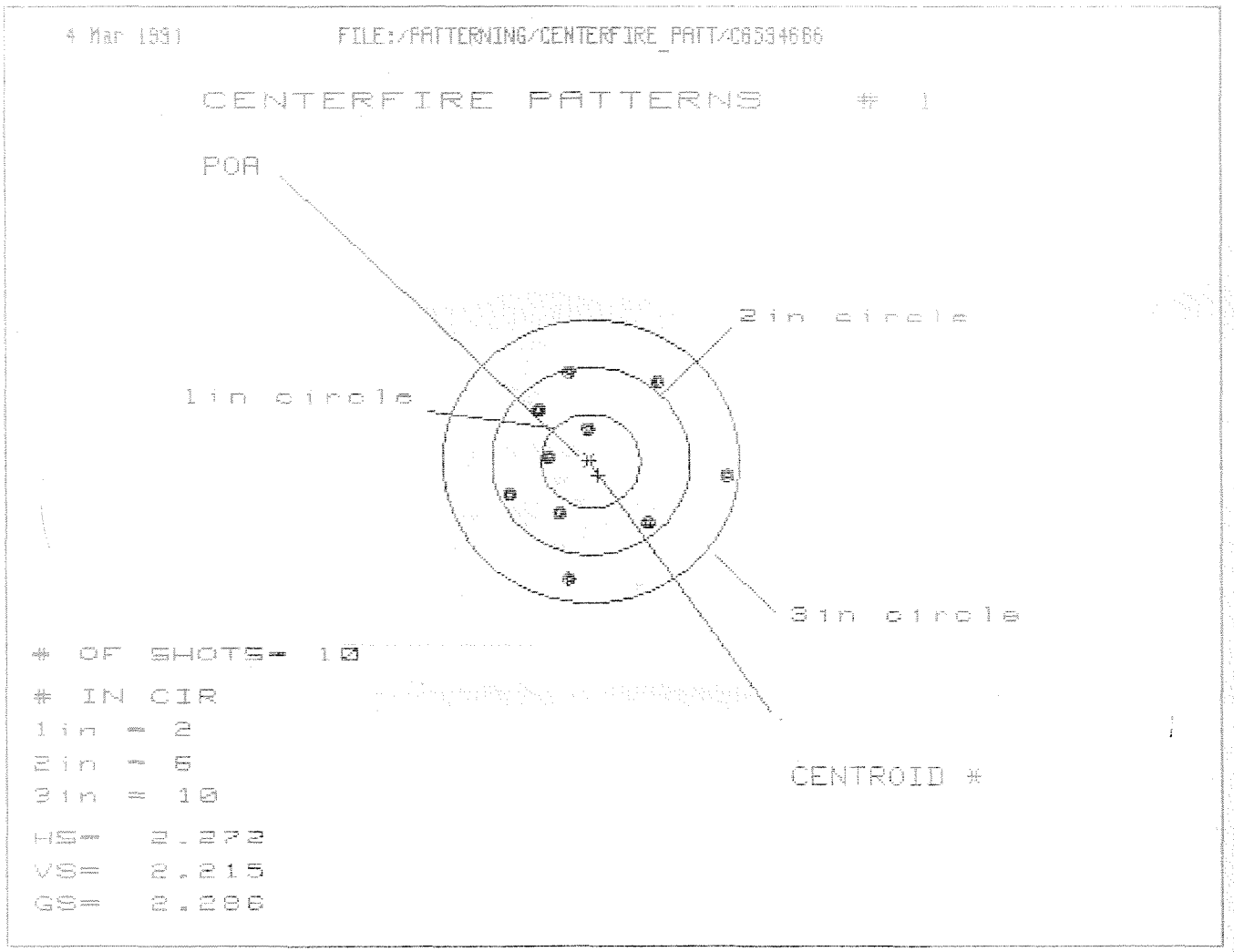
CENTROIDAL DISTANCES

0	TO	1	.1686
1	TO	2	.386453
1	TO	3	.0398246
1	TO	4	.189114
1	TO	5	.0948472

<----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1762
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0714
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .190117

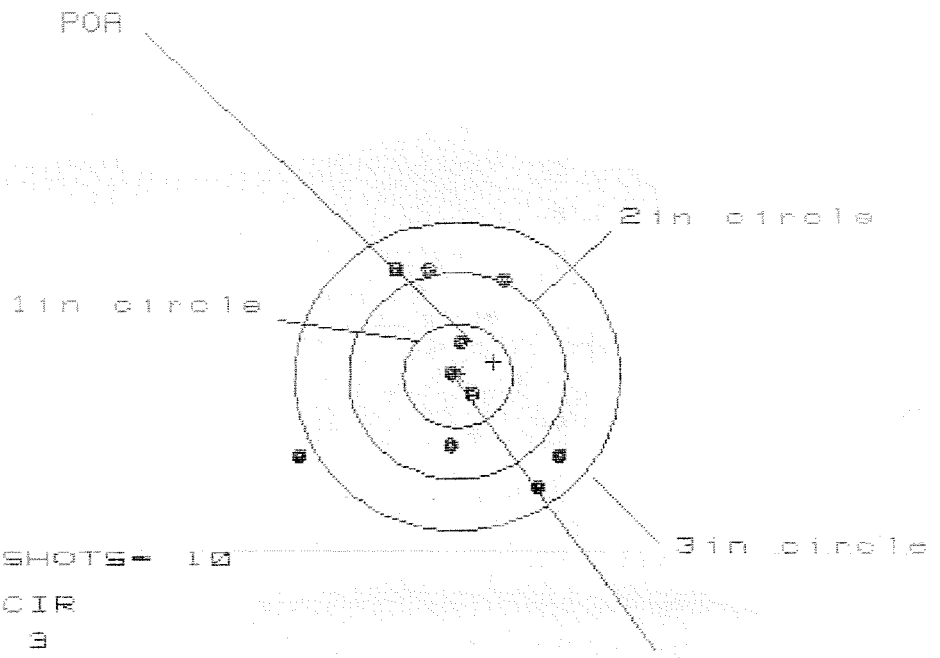
THE AMR FOR THIS RIFLE IS: .7752



PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.411	.807	.800
MINIMUM X	:	-.861	-.704	-.711
MAXIMUM Y	:	.981	.962	.805
MINIMUM Y	:	-1.234	-1.253	-.787
CENTROID X	:	-.075	-.232	-.225
CENTROID Y	:	.151	.170	.327
POA TO CENTROID in.	:	.169	.288	.397
MIN RADIUS	:	.401	.320	.234
MEAN RADIUS	:	.886	.794	.714
MAX RADIUS	:	1.422	1.254	1.102
HORIZONTAL SPREAD	:	2.272	1.511	1.511
VERTICAL SPREAD	:	2.215	2.215	1.592
EXTREME SPREAD	:	2.286	2.286	1.962
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

4 Mar 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C65946B6

CENTERFIRE PATTERNS # 2

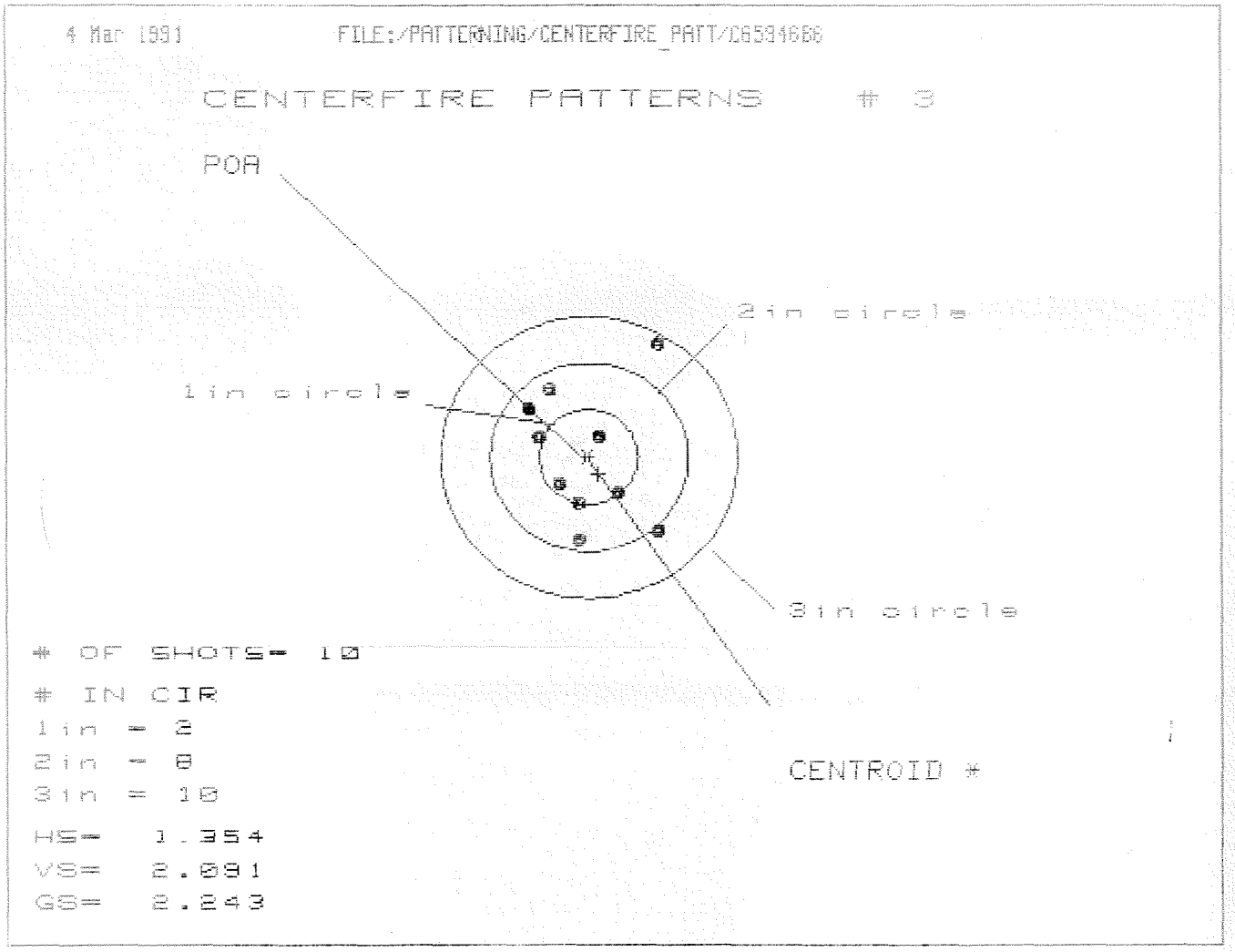


OF SHOTS= 10

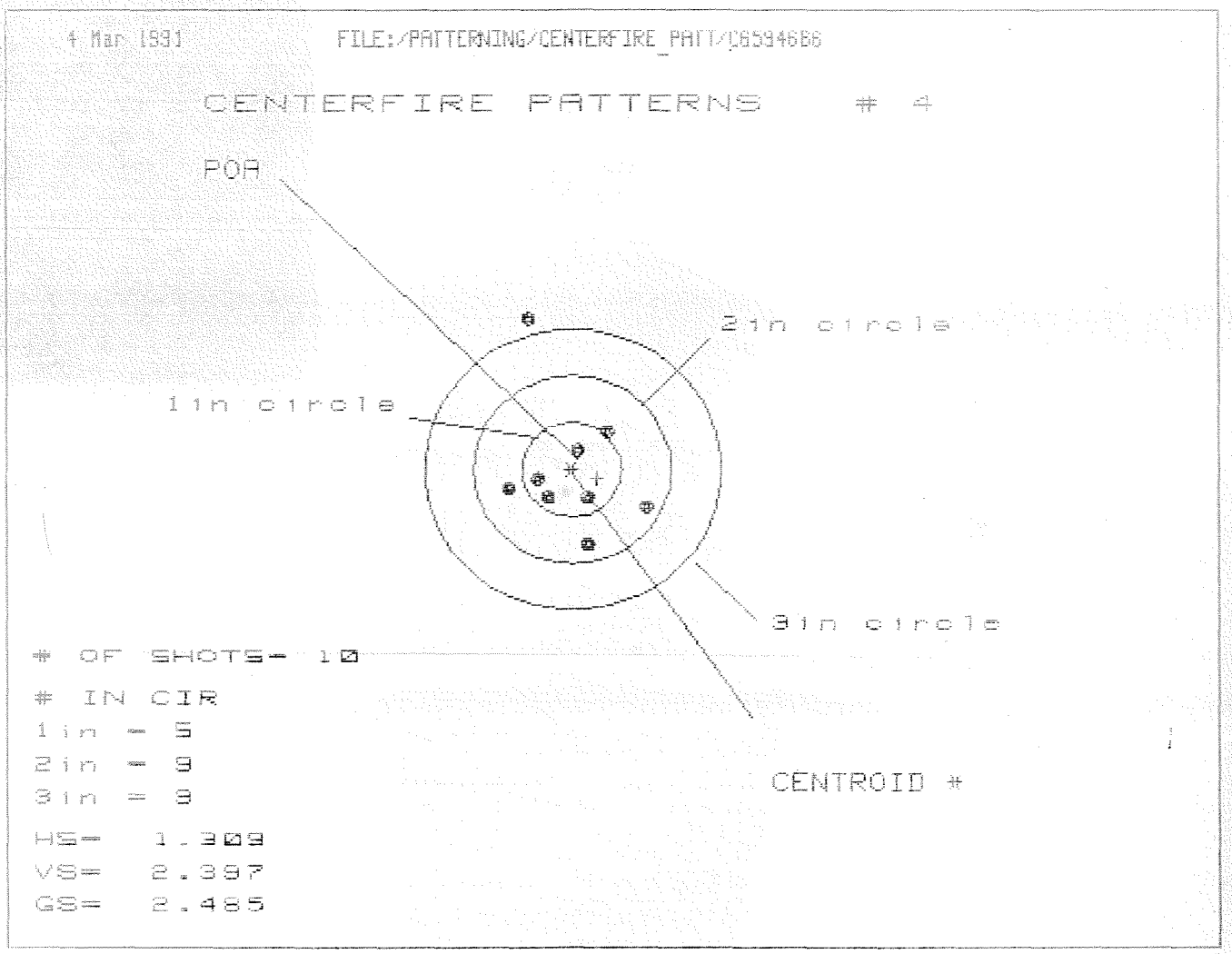
# IN CIR
1in = 3
2in = 4
3in = 9

HS= 2.435
VS= 2.136
GS= 2.597

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.962	.798	.870
MINIMUM X	:	-1.473	-.766	-.694
MAXIMUM Y	:	1.043	.959	.812
MINIMUM Y	:	-1.093	-1.177	-.972
CENTROID X	:	-.336	-.172	-.244
CENTROID Y	:	-.134	-.050	.097
POA TO CENTROID in.	:	.361	.179	.263
MIN RADIUS	:	.065	.234	.149
MEAN RADIUS	:	.885	.800	.720
MAX RADIUS	:	1.656	1.312	1.305
HORIZONTAL SPREAD	:	2.435	1.564	1.564
VERTICAL SPREAD	:	2.136	2.136	1.784
EXTREME SPREAD	:	2.597	2.525	2.372
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	



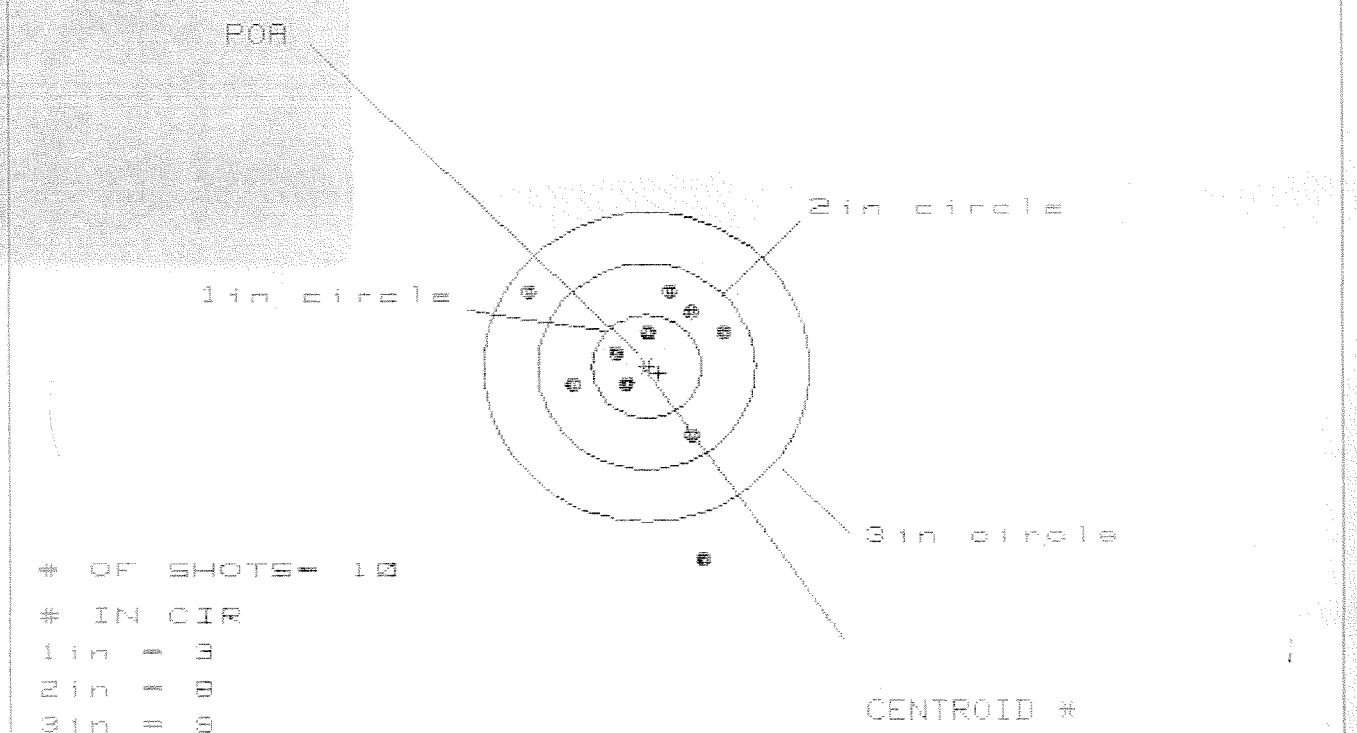
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.747	.761	.520
MINIMUM X	:	-.607	-.524	-.429
MAXIMUM Y	:	1.233	.819	.735
MINIMUM Y	:	-.858	-.721	-.805
CENTROID X	:	-.100	-.183	-.278
CENTROID Y	:	.182	.045	.129
POA TO CENTROID in.	:	.207	.188	.306
MIN RADIUS	:	.214	.230	.243
MEAN RADIUS	:	.716	.612	.557
MAX RADIUS	:	1.442	1.018	.813
HORIZONTAL SPREAD	:	1.354	1.285	.949
VERTICAL SPREAD	:	2.091	1.540	1.540
EXTREME SPREAD	:	2.243	1.878	1.571
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.714	.662	.389
MINIMUM X	:	-.596	-.647	-.564
MAXIMUM Y	:	1.643	.575	.551
MINIMUM Y	:	-.754	-.571	-.595
CENTROID X	:	-.255	-.204	-.287
CENTROID Y	:	.093	-.090	-.066
POA TO CENTROID in.	:	.272	.223	.295
MIN RADIUS	:	.241	.127	.207
MEAN RADIUS	:	.609	.444	.413
MAX RADIUS	:	1.706	.688	.675
HORIZONTAL SPREAD	:	1.309	1.309	.953
VERTICAL SPREAD	:	2.397	1.146	1.146
EXTREME SPREAD	:	2.485	1.320	1.157
NUMBER IN ONE INCH CIRCLE	=		5	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		9	

4 Mar 1991 FILE:/PATTERNING/CENTERFIRE_PATT/06594666

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

# IN CIR
1in = 3
2in = 8
3in = 9

HS= 1.767
VS= 2.567
GS= 2.952

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.708	.761	.636
MINIMUM X	:	-1.059	-1.006	-.761
MAXIMUM Y	:	.740	.537	.598
MINIMUM Y	:	-1.827	-.854	-.793
CENTROID X	:	-.115	-.168	-.043
CENTROID Y	:	.065	.268	.207
POA TO CENTROID in.	:	.132	.316	.211
MIN RADIUS	:	.249	.124	.183
MEAN RADIUS	:	.780	.622	.562
MAX RADIUS	:	1.889	1.118	.846
HORIZONTAL SPREAD	:	1.767	1.767	1.397
VERTICAL SPREAD	:	2.567	1.391	1.391
EXTREME SPREAD	:	2.952	1.959	1.492
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	