C6225106

MODEL 700™ M24

Model 700 M24™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington

M2400049089

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

11/02/07 13:12:22

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: RE00136225
Verify Repair

Serial: C6225106 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:
Status: Closed 11/2/2007 10:16:39 AM

Address Information

Customer: (Received From)		Return To: (Received From)	
Name:	BARRY MOBERLY		BARRY MOBERLY
Address 1:	L-3 COMMUNICATIONS		L-3 COMMUNICATIONS
Address 2:	5749 BRIAR HILL RD BLDG 221	PO Box:	5749 BRIAR HILL RD BLDG 221 PO Box:
City:	LEXINGTON		LEXINGTON
State:	KY Zip Code: 40516 Country: US	State:	KY Zip Code: 40516 Country: US

FFL:

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

Contact Information

Phone: NN
Fax:
Email:
Comments:

Received Condition

Fair
Condition Notes:
CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A008	With Swivel	3
A010	Hard Case	1
A026	Scope	1
A055	Deployment Kit	1
D00(	SCOPE CASE	1

Repair Search | Refresh | Close

nagletj | 11/2/2007 | 1:12 PM | CAPS | NUM | INS | SCRL

start | 2 Mi... | 5 Int... | 4 Mi... | Part S... | longo... | Arms... | 1:12 PM

Serial Number: C6225106
Model: M24 SWS
RE00136225

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-C-0149

R & E NUMBER 136225
SERIAL NUMBER C6225106
LOG-IN DATE 11-2-07

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		7-8-08	RTC
505	RE-BARREL		7-9-08	RTC
560	ASSEMBLE		7-10-08	RTC
600	PROOF	MAGNA - FLUX JUL 15 2008 OPERATOR (KR)	7-10-08	SD
605	CHECK HEADSPACE		7-10-08	SD
610	DIS-ASSEMBLE GUN		7-11-08	RTC
612	MAGNAFLUX		7/15/08	(KR)
510	DRILL AND TAP		7-16-08	SP
615	ROLLMARK CALIBER		7/15/08	RT
618	ROTO-BLAST		7/17/08	SD
620	APPLY COATINGS		7-23-08	RTC
625	FINAL ASSEMBLY		7-23-08	RTC
640	FUNCTION TEST AND	(PASS) FAIL	9-2-08	RTC
650	TARGET	(PASS) FAIL	9-2-08	RTC
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION NA		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	9-2-08	TC
670	FINAL INSPECTION A) HEADSPACE	(PASS) FAIL	9-10-08	RTC
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	2.44 2.33 2.32 2.33 2.30	9-8-08	RSW
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS MAX)	5.25 5.25 5.25	9-8-08	RTC
	G) SAFETY OFF FORCE (2 LBS MIN)	4.25 4.25 4.25	9-8-08	RTC
	I) FIRING PIN INDENT .020	.022 .022 .022	9-8-08	RTC
690	PACK		9-11-08	TC

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225106.__0
FILE DATE AND TIME: 09/03/2008 11:45

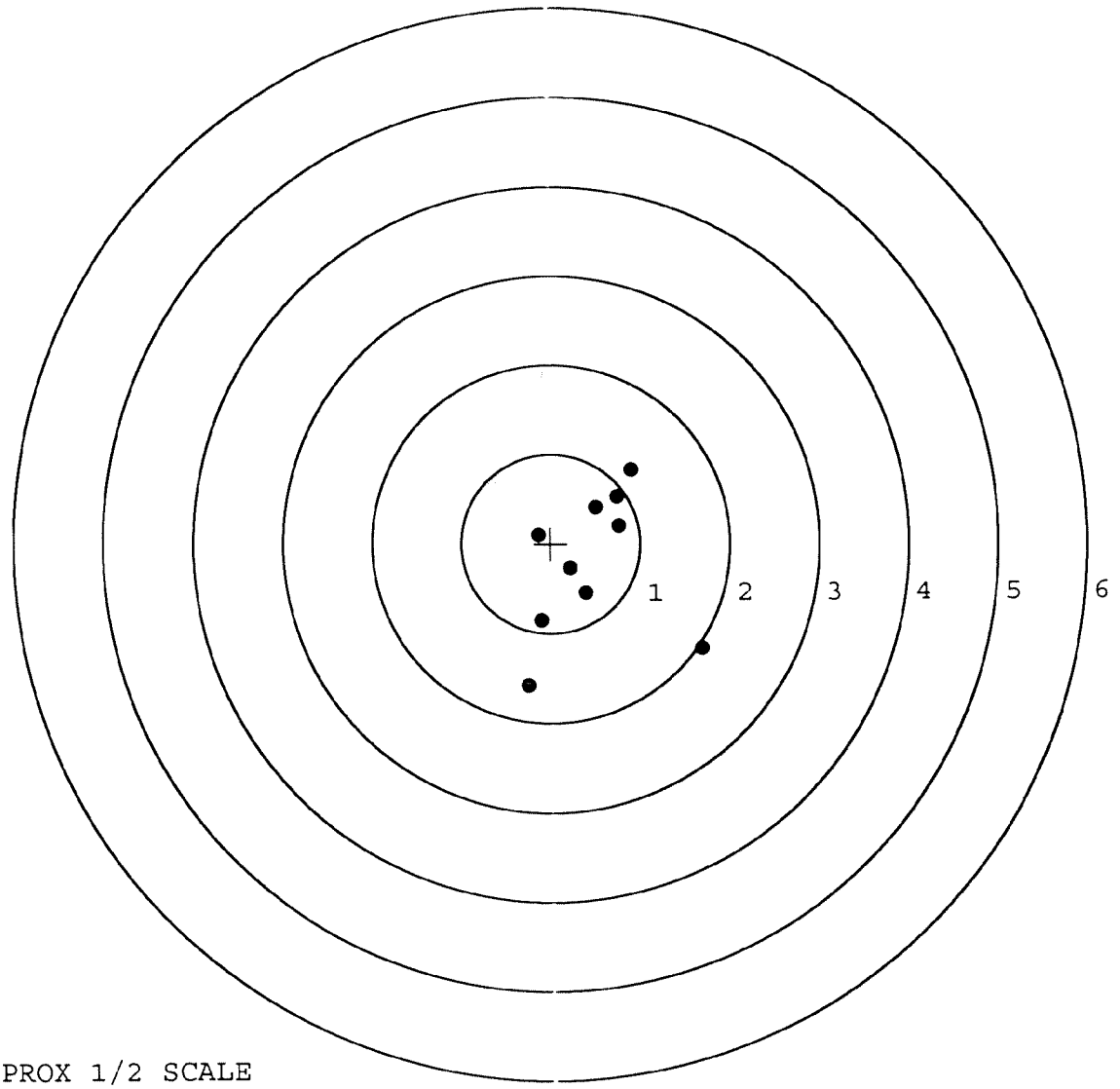
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.199
The Average Y Centroid of the Five Target Set:	-0.087
The Average Point of Impact of the Five Target Set:	0.218
The Average Mean Radius of the Five Target Set:	0.716
The Distance from POA to Centroid Target #1:	0.530
The Distance from Centroid Target #2 to Centroid Target #1:	0.229
The Distance from Centroid Target #3 to Centroid Target #1:	0.378
The Distance from Centroid Target #4 to Centroid Target #1:	0.331
The Distance from Centroid Target #5 to Centroid Target #1:	0.688

SERIAL NUMBER: C6225106.__0
TARGET NUMBER: 1
FILE DATE: 09/03/2008
FILE TIME: 11:45

X CENTROID:	0.471
Y CENTROID:	-0.243
POA TO CENTROID:	0.530
HORZ SPREAD:	1.939
VERT SPREAD:	2.409
GROUP SPREAD:	2.218
MIN RADIUS:	0.253
MAX RADIUS:	1.530
MEAN RADIUS:	0.832
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	1.682	-1.178
2:	-0.257	-1.587
3:	-0.112	-0.866
4:	0.388	-0.560
5:	0.220	-0.278
6:	-0.134	0.095
7:	0.505	0.403
8:	0.765	0.194
9:	0.743	0.520
10:	0.906	0.822

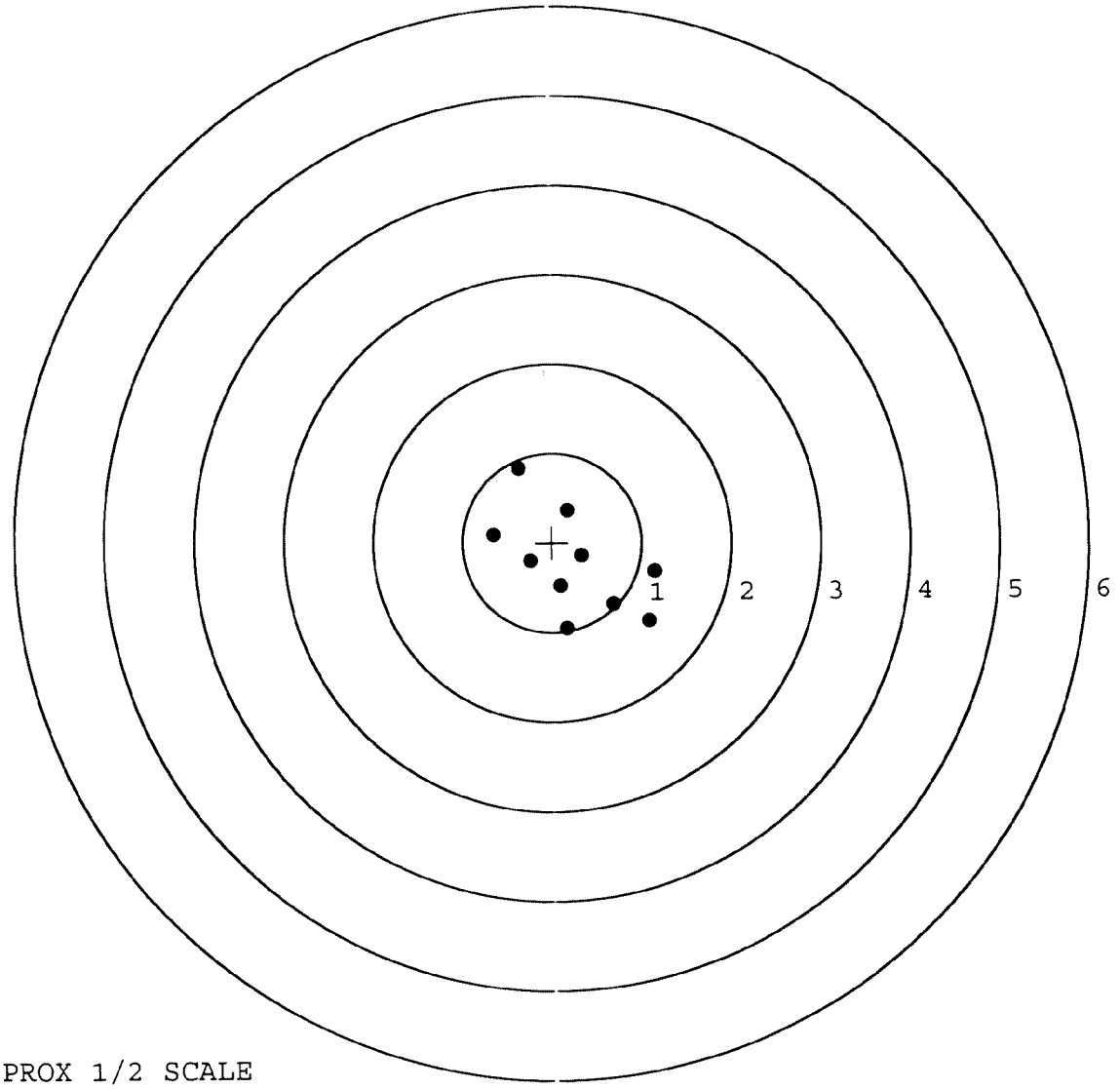


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225106.__0
TARGET NUMBER: 2
FILE DATE: 09/03/2008
FILE TIME: 11:45

X CENTROID:	0.241
Y CENTROID:	-0.243
POA TO CENTROID:	0.342
HORZ SPREAD:	1.791
VERT SPREAD:	1.793
GROUP SPREAD:	2.237
MIN RADIUS:	0.126
MAX RADIUS:	1.235
MEAN RADIUS:	0.700
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.079	-0.874
2:	1.144	-0.331
3:	0.686	-0.690
4:	0.160	-0.962
5:	0.098	-0.492
6:	0.329	-0.153
7:	0.178	0.361
8:	-0.245	-0.213
9:	-0.647	0.093
10:	-0.369	0.831

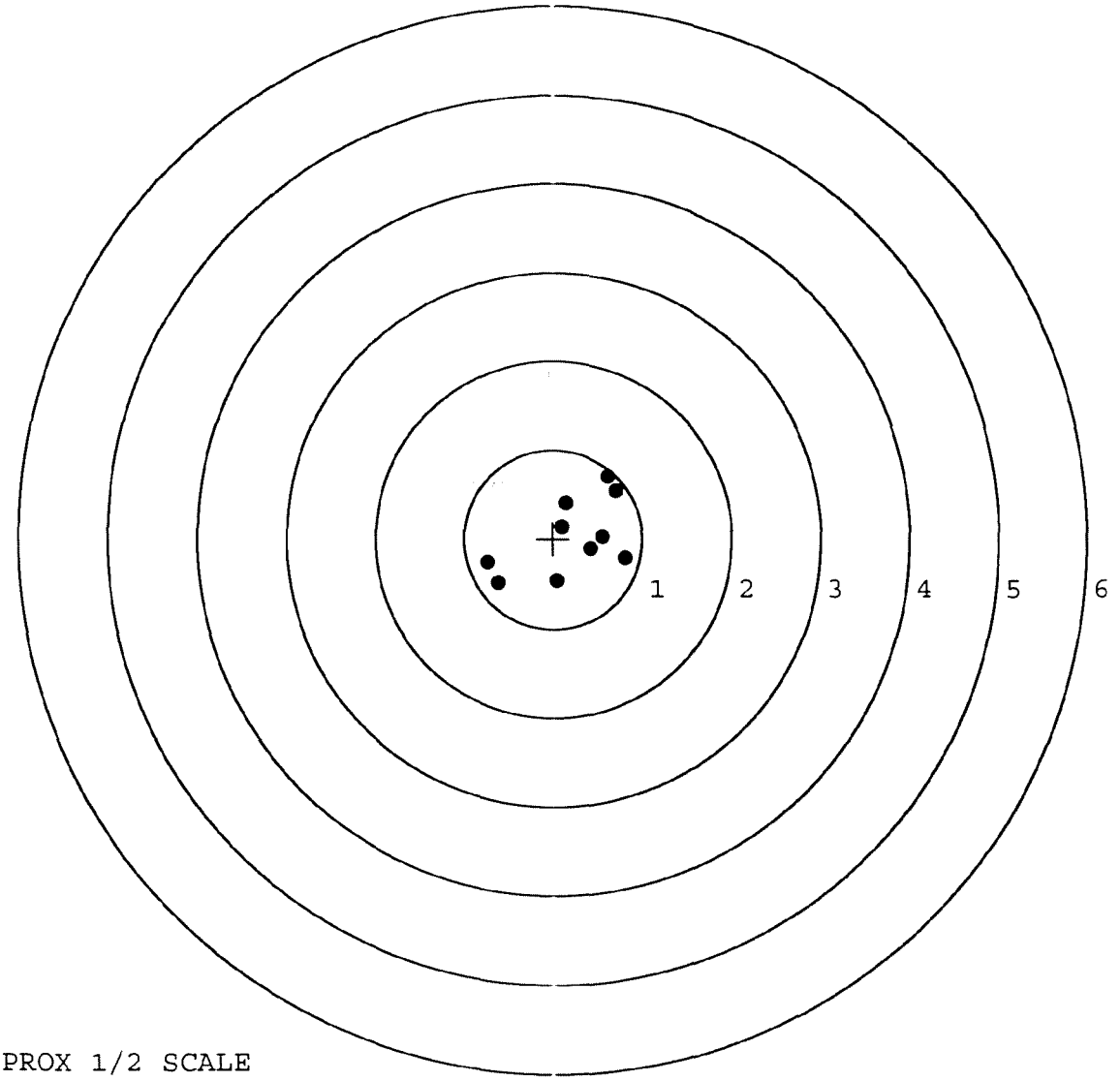


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225106.__0
TARGET NUMBER: 3
FILE DATE: 09/03/2008
FILE TIME: 11:45

X CENTROID:	0.204
Y CENTROID:	0.025
POA TO CENTROID:	0.206
HORZ SPREAD:	1.552
VERT SPREAD:	1.195
GROUP SPREAD:	1.664
MIN RADIUS:	0.149
MAX RADIUS:	0.987
MEAN RADIUS:	0.579
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.043	-0.470
2:	-0.618	-0.492
3:	-0.739	-0.264
4:	0.422	-0.113
5:	0.813	-0.217
6:	0.559	0.029
7:	0.702	0.541
8:	0.615	0.703
9:	0.143	0.401
10:	0.105	0.136

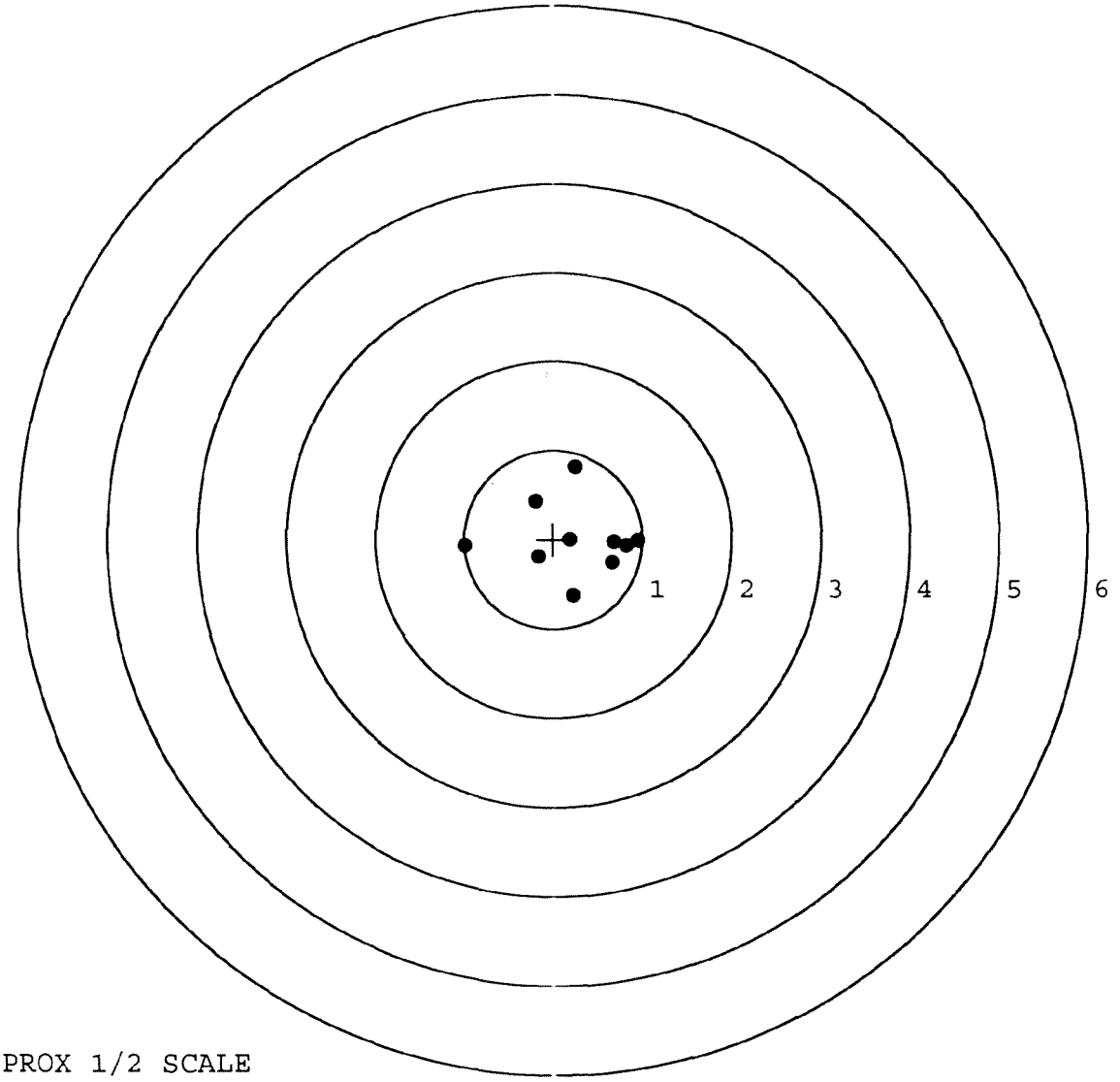


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225106.__0
TARGET NUMBER: 4
FILE DATE: 09/03/2008
FILE TIME: 11:45

X CENTROID:	0.243
Y CENTROID:	-0.004
POA TO CENTROID:	0.243
HORZ SPREAD:	1.940
VERT SPREAD:	1.440
GROUP SPREAD:	1.941
MIN RADIUS:	0.053
MAX RADIUS:	1.238
MEAN RADIUS:	0.603
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.222	-0.633
2:	0.666	-0.256
3:	0.821	-0.072
4:	0.947	-0.011
5:	0.190	-0.001
6:	-0.164	-0.197
7:	-0.993	-0.079
8:	-0.199	0.432
9:	0.250	0.807
10:	0.686	-0.026

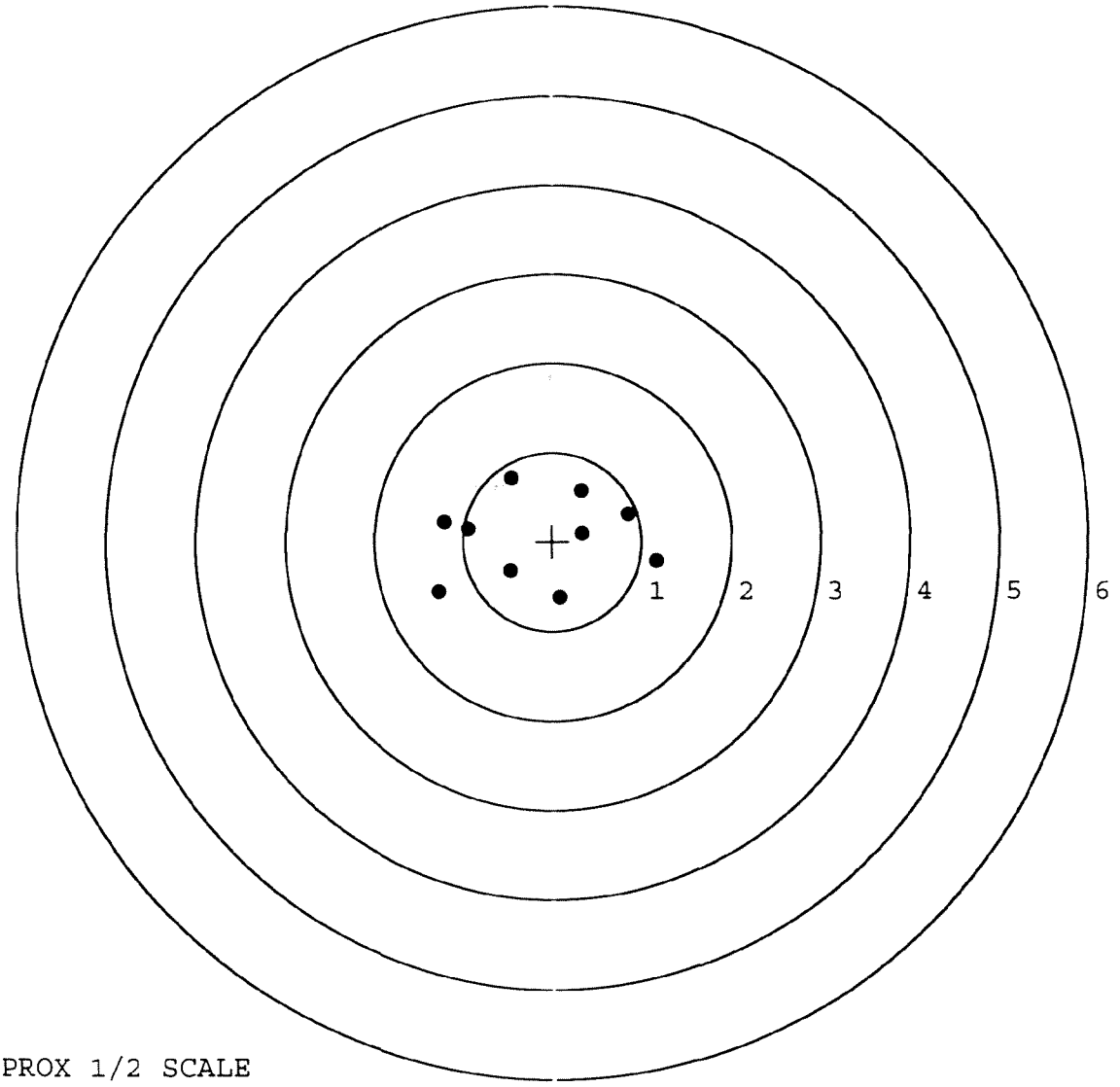


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225106.__0
TARGET NUMBER: 5
FILE DATE: 09/03/2008
FILE TIME: 11:45

X CENTROID:	-0.162
Y CENTROID:	0.028
POA TO CENTROID:	0.164
HORZ SPREAD:	2.436
VERT SPREAD:	1.339
GROUP SPREAD:	2.461
MIN RADIUS:	0.476
MAX RADIUS:	1.347
MEAN RADIUS:	0.867
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.162	-0.222
2:	0.847	0.308
3:	0.333	0.092
4:	0.326	0.573
5:	0.080	-0.631
6:	-0.473	-0.332
7:	-1.274	-0.573
8:	-0.946	0.145
9:	-1.214	0.214
10:	-0.461	0.708



TARGET APPROX 1/2 SCALE

RECEIVING AND ESTIMATING REPORT

COMMENTS: W/10X SCOPE, M-24 SNIPER, W/DEPLOYMENT KIT
ATTN: FRED MARTIN

ORDER R 94-18179

89-1190

INITIAL	CUSTOMER ORDER NO.
FDC	DAA[illegible]-92-C-0834

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
06/10/94	06/10/94		C6225106		700 7-62 NATO

ACCESSORIES: SLING STRAP HARD CASE SCOPE MNTS SCOPE BASE

FROM:

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON AL 36201-5025

SHIP TO:

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON AL
36201-5025

CUST NO: 098397 C.O.D.

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	PROM. DATE	ESTIMATED	VIA
					FRT

GUN CONDITION
- ☐ NEW
- ☐ LIGHTLY WORN
- ☐ WORN
- ☐ VERY WORN
- ☐ UNREPAIRABLE
- ☐ MARRED

REPAIR CHARGE	
EXCISE	
TAX	
INSURANCE	
UPS	
PARCEL POST	
TOTAL	

CUSTOMER CONCERN	AMMO	FUNCTION	FINISH	ACCURACY	FIT	INSPECT
CYCLE	A1	B1				
TRIGGER GROUP		B2			E1	F1
BOLT ASSY.		B3			E2	F2
BARREL ASSY.		B4		D1	E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT

PARTS

Trigger Assy 193.71
Scope Rep 119.43
Clean/Insp/Prep 50.00
343.14

COMMENTS

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
			AC		
GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
			10/31		

OFFICE COPY

RD6925 REV. 1/94

SWS TRIGGER PULL TEST

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

SERIAL NO. C6225/06
DATE 9-15-95
TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2,34	2,20	2,53		MIN. SETTING,
PULL #2	2,30	2,22	2,62		NO AVG. OF 5
PULL #3	2,30	2,25	2,43		READINGS ACCEPT-
PULL #4	2,28	2,20	2,59		ABLE LESS THAN 2#
PULL #5	2,39	2,18	2,54		
TOTAL	11,61	11,05	12,71		
AVG.	2,32	2,21	2,54		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3,10	3,09		
PULL #2	3,11	3,08		
PULL #3	3,17	3,00		
PULL #4	3,15	3,10		
PULL #5	3,05	3,07		
TOTAL	15,58	15,34		
AVG.	3,11	3,06		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4,28	4,27	4,11	
PULL #2	4,40	4,15	4,00	
PULL #3	4,34	4,30	4,12	
PULL #4	4,40	4,34	4,05	
PULL #5	4,36	4,29	4,06	
TOTAL	21,78	21,35	20,34	
AVG.	4,35	4,27	4,06	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C-6225106

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

op.	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4.5	4.5	4.5			12-2-95	DA
	G) Safety Off Force	2.5	2.5	2.5			12-2-95	DA
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent							
	J) Assemble Stock							
	K) Assemble Swivel Studs							
	L) Attach Front and Rear Sight Assemblies							
	M) Iron Sight Alignment							
	N) Detach Front & Rear Sights & place in numbered container							
	O) Attach Scope to Rifle							
	P) Detach & Attach Scope 20 Times							
640	Gallery Target & Test							
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clearity of Scope							
645	Inspect for Live Ammo							
655	Final Inspection A) Headspace							
	B) Trigger Pull	2.61	2.55	2.49	2.48	2.54	12-2-95	DA
	C) Function							
660	Pack							

Scope #
1176

M-24

INTERCHANGEABILITY

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225706

OP.#	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and stock		8 9/88	FB
600	Proof		9 7/88	RW
607	Check Headspace		9 7/88	RW
610	Dis-assemble gun		9 7/88	RW
612	Magnaflux Barrel Action		9-14-88	pjc.
	Magnaflux Bolt		9-14-88	pjc.
615	Rollmark Caliber		10/12/88	FC
617	Drill & Tap Sight Holes		10/12/88	FB
618	Polish Barrel		10/20/88	WT
620	Apply Coatings (Barrel Action)		10-31-88	TJA
	Apply Coatings (Bolt)		10-31-88	TJA
625	Final Assembly A)Clean inside of Bolt Assembly		11/3/88	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/3/88	RW
	C) Inspect Ejector Hole for Chamfer		11/3/88	RW

QUALITY AUDIT

OVER

OP.#		READINGS	DATE	INITIAL
625 cont.	D) Oil Firing Pin Ass'y		11/3/88	RW
	E) Adjust Trigger Pull to Min. Setting and Stake		3/NOV88	[illegible]
	F) Safety on Force	5 | 5 | 5	4/NOV88	[illegible]
	G) Safety off Force	3 | 3 | 3	4/NOV88	[illegible]
	H) Trigger Pull Test & Retainabilty		3/NOV88	[illegible]
	I) Firing Pin Indent	.0205 | .021 | .0205	4/NOV88	[illegible]
	J) Assemble Stock		11/16/88	RW
	K) Assemble Swivel Studs		1 Dec 88	[illegible]
	L) Attach Front & Rear Sight Assemblies		11/16/88	RW
	M) Iron Sight Alignment		11/16/88	RW
	N) Detach Front & Rear Sights & place in numbered container		11/16/88	RW
	0) Attach Scope to Rifle		11/18/88	WB
	P) Detach & Attach Scope 20 times		11/18/88	WB
640	Gallery Target & Test	61 R 92 L	11/29/88	DH
	A) Optical Clearity of Scope		11/29/88	DH
645	Inspect for Live Ammo		11/29/88	DH
655	Final Inspection A) Headspace		1 Dec 88	[illegible]
	B) Trigger Pull		1 Dec 88	[illegible]
	C) Function		1 Dec 88	[illegible]
660	Pack		12/15/88	RW

SWS TRIGGER PULL TEST

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

SERIAL NO. C6225106

DATE 3/10/88

TESTER J.U. & D.S.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.35	2.22	2.31	2.70	MIN. SETTING,
PULL #2	2.38	2.25	2.35	2.69	NO AVG. OF 5
PULL #3	2.33	2.27	2.40	2.66	READINGS ACCEPT-
PULL #4	2.32	2.22	2.39	2.68	ABLE LESS THAN 2#
PULL #5	2.30	2.23	2.41	2.68	
TOTAL	11.68	11.19	11.86	13.41	
AVG.	2.336	2.238	2.372	2.682	

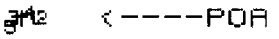
	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.35	3.38		
PULL #2	3.38	3.38		
PULL #3	3.35	3.33		
PULL #4	3.35	3.39		
PULL #5	3.34	3.28		
TOTAL	16.77	16.76		
AVG.	3.354	3.352		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.09	4.05		4.28
PULL #2	4.05	4.00		4.26
PULL #3	4.04	4.06		4.28
PULL #4	4.07	4.08		4.31
PULL #5	4.07	4.05		4.29
TOTAL	20.27	20.24		21.42
AVG.	4.054	4.048		4.284

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225106

CENTROIDAL DISTANCES

0	TO	1	.24499
1	TO	2	.154434
1	TO	3	.366111
1	TO	4	.110386
1	TO	5	.475017

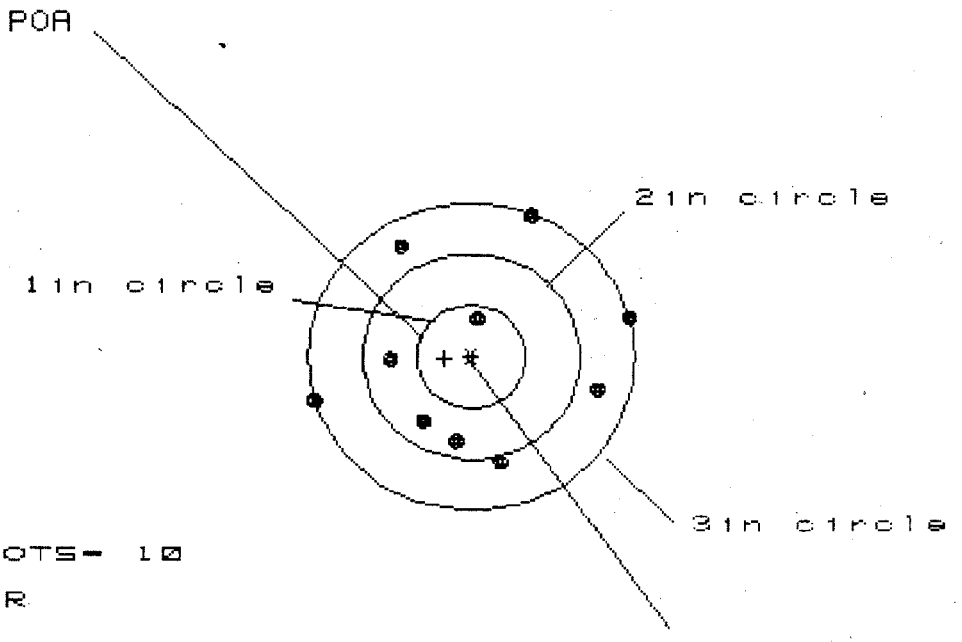


THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .095
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0076
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0953035

THE AMR FOR THIS RIFLE IS: .9062

29 Nov 1988 FILE:/PATTERNING/CENTERFIRE_PATT/C6225106

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

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

HS= 2.865
VS= 2.379
GS= 2.963

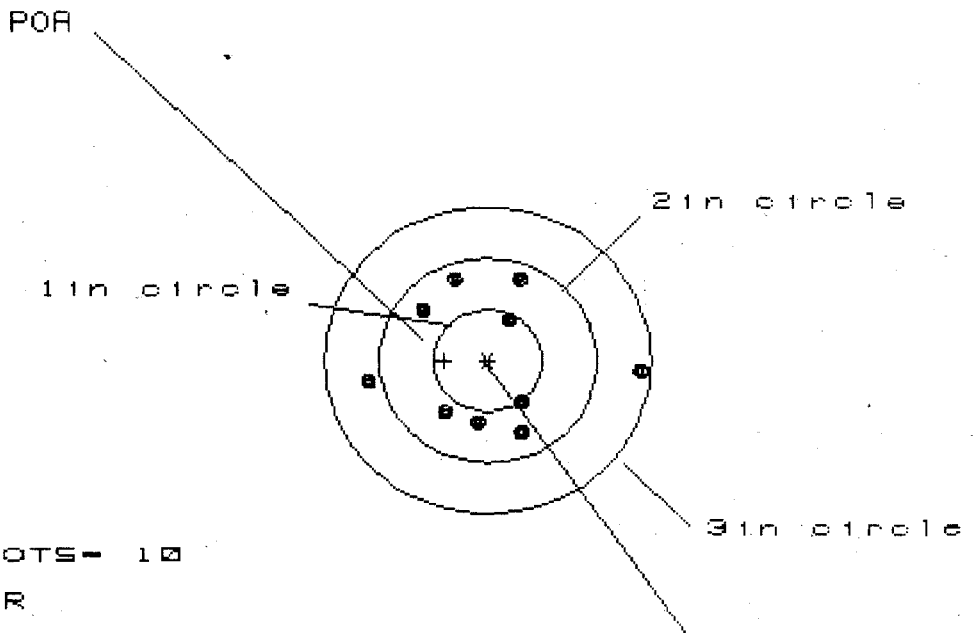
PATTERN # : 1

SHOTS (BEST OF) :	10	9	8
MAXIMUM X :	1.439	1.506	1.336
MINIMUM X :	-1.426	-1.359	-.878
MAXIMUM Y :	1.401	1.204	1.173
MINIMUM Y :	-.978	-.823	-.854
CENTROID X :	.244	.177	.347
CENTROID Y :	.022	-.133	-.102
POA TO CENTROID in.:	.245	.222	.362
MIN RADIUS :	.378	.543	.502
MEAN RADIUS :	1.065	.990	.949
MAX RADIUS :	1.525	1.589	1.419
HORIZONTAL SPREAD :	2.865	2.865	2.214
VERTICAL SPREAD :	2.379	2.027	2.027
EXTREME SPREAD :	2.963	2.963	2.288

NUMBER IN ONE INCH CIRCLE = 1
NUMBER IN TWO INCH CIRCLE = 4
NUMBER IN THREE INCH CIRCLE = 9

29 Nov 1988 FILE:/PATTERNING/CENTERFIRE_PATT/C6225106

CENTERFIRE PATTERNS # 2



\# OF SHOTS= 10

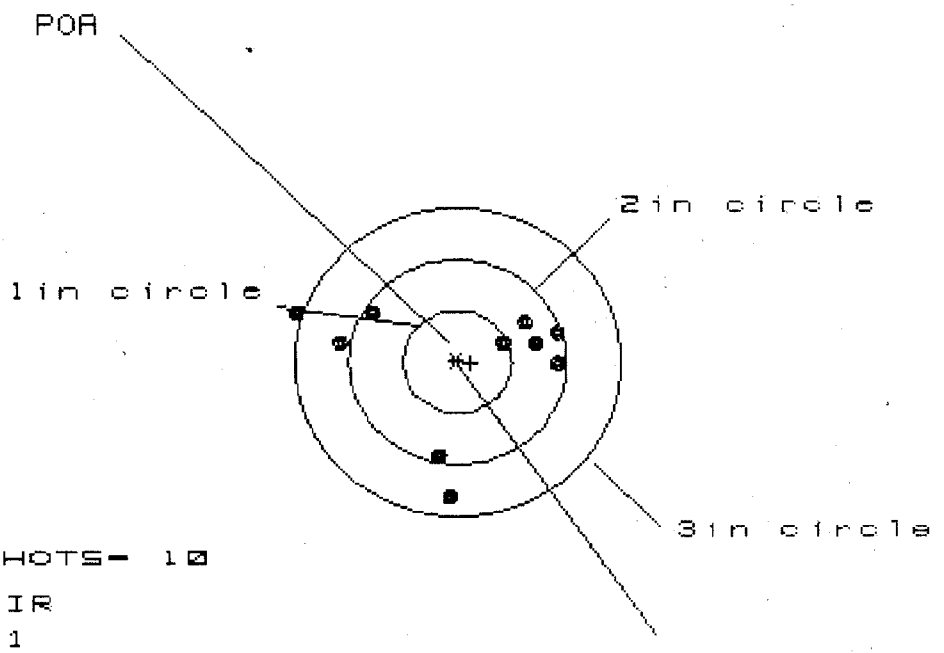
# IN CIR	
1in	= 2
2in	= 8
3in	= 10

HS= 2.493
VS= 1.508
GS= 2.494

PATTERN # :	2		
SHOTS (BEST OF) :	10	9	8
MAXIMUM X :	1.355	.461	.338
MINIMUM X :	-1.137	-.987	-.601
MAXIMUM Y :	.795	.785	.763
MINIMUM Y :	-.713	-.723	-.745
CENTROID X :	.397	.247	.370
CENTROID Y :	.001	.011	.033
POA TO CENTROID in.:	.398	.247	.372
MIN RADIUS :	.495	.572	.481
MEAN RADIUS :	.800	.733	.688
MAX RADIUS :	1.358	1.003	.832
HORIZONTAL SPREAD :	2.493	1.448	.939
VERTICAL SPREAD :	1.508	1.508	1.508
EXTREME SPREAD :	2.494	1.734	1.580
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		10	

29 Nov 1988 FILE:/PATTERNING/CENTERFIRE_PATT/C6225106

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

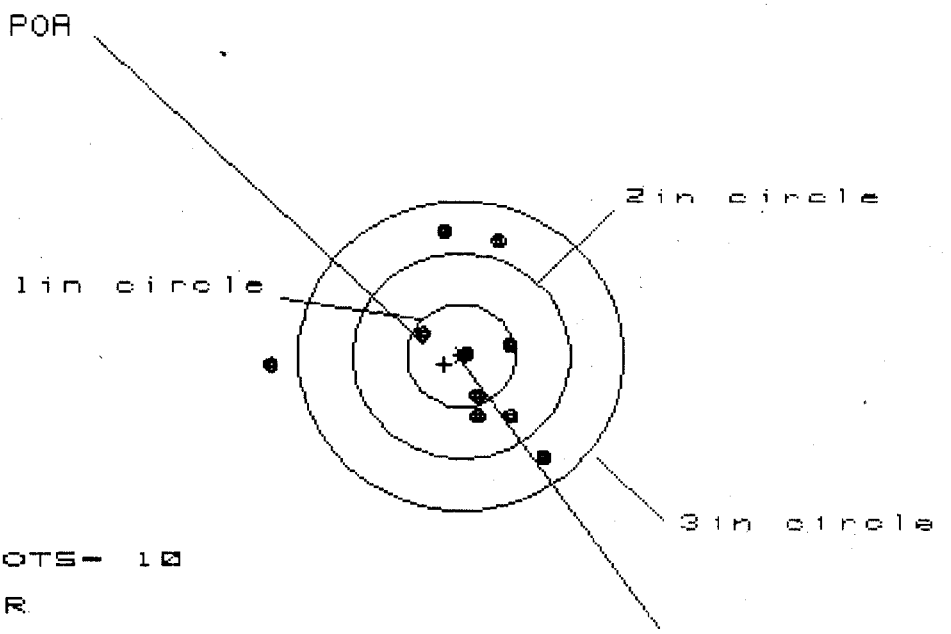
# IN CIR	
1in	1
2in	7
3in	9

HS= 2.461
VS= 1.797
GS= 2.511

PATTERN #		3		
SHOTS (BEST OF)		10	9	8
MAXIMUM X		.945	.777	.744
MINIMUM X		-1.516	-1.285	-1.318
MAXIMUM Y		.514	.571	.418
MINIMUM Y		-1.283	-1.226	-1.042
CENTROID X		-.122	.046	.079
CENTROID Y		.013	-.044	.109
POA TO CENTROID in.		.123	.064	.135
MIN RADIUS		.475	.358	.253
MEAN RADIUS		.976	.866	.782
MAX RADIUS		1.600	1.310	1.322
HORIZONTAL SPREAD		2.461	2.062	2.062
VERTICAL SPREAD		1.797	1.797	1.460
EXTREME SPREAD		2.511	2.070	2.070
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

29 Nov 1988 FILE:/PATTERNING/CENTERFIRE_PATT/C6225106

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

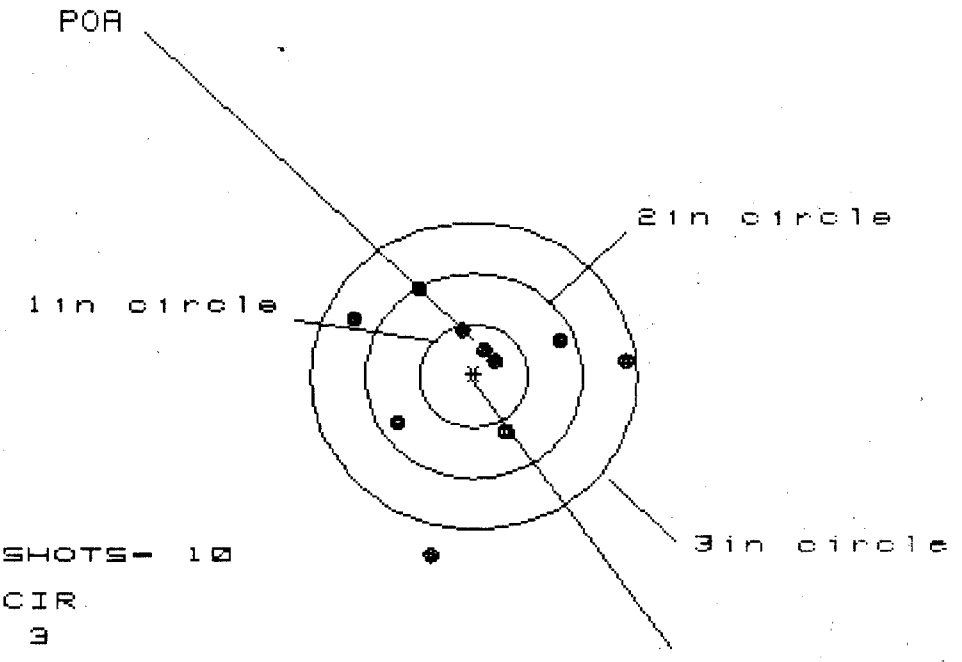
# IN CIR	
1in	= 4
2in	= 6
3in	= 9

HS= 2.493
VS= 2.221
GS= 2.661

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.720	.523	.353
MINIMUM X	:	-1.773	-.596	-.531
MAXIMUM Y	:	1.204	1.195	1.066
MINIMUM Y	:	-1.017	-1.026	-.770
CENTROID X	:	.152	.349	.284
CENTROID Y	:	.083	.092	.221
POA TO CENTROID in.	:	.173	.361	.360
MIN RADIUS	:	.065	.187	.137
MEAN RADIUS	:	.819	.700	.647
MAX RADIUS	:	1.775	1.241	1.100
HORIZONTAL SPREAD	:	2.493	1.119	.884
VERTICAL SPREAD	:	2.221	2.221	1.836
EXTREME SPREAD	:	2.661	2.381	1.939
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

29 Nov 1988 FILE:/PATTERNING/CENTERFIRE_PATT/C6225106

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

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

HS= 2.408
VS= 2.549
GS= 2.554

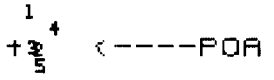
PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.350	1.307	.948
MINIMUM X	:	-1.058	-1.101	-.938
MAXIMUM Y	:	.807	.613	.604
MINIMUM Y	:	-1.742	-.768	-.777
CENTROID X	:	-.196	-.153	-.316
CENTROID Y	:	-.157	.037	.046
POA TO CENTROID in.	:	.251	.157	.319
MIN RADIUS	:	.270	.127	.232
MEAN RADIUS	:	.871	.722	.660
MAX RADIUS	:	1.785	1.309	1.008
HORIZONTAL SPREAD	:	2.408	2.408	1.886
VERTICAL SPREAD	:	2.549	1.381	1.381
EXTREME SPREAD	:	2.554	2.451	1.898
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

INTERCHANGEABILITY

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225106

CENTROIDAL DISTANCES

0	TO	1	.738769
1	TO	2	.749209
1	TO	3	.680829
1	TO	4	.572986
1	TO	5	1.05513



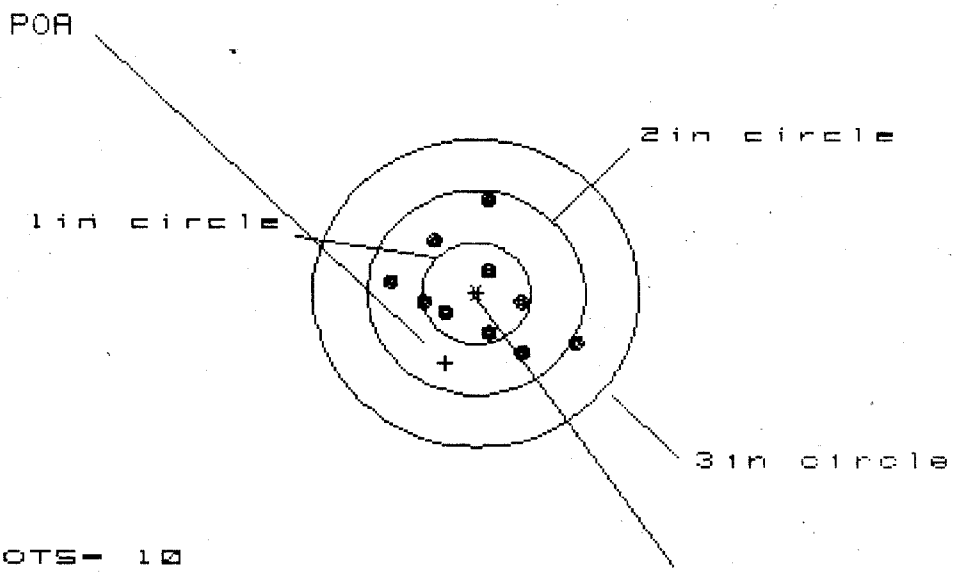
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .4608
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1262
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .477769

THE AMR FOR THIS RIFLE IS: .7892

INTERCHANGEABILITY

13 Dec 1988 FILE:/PATTERNING/CENTERFIRE_PATT/C6225106.1

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 4

2in = 9

3in = 10

HS= 1.723

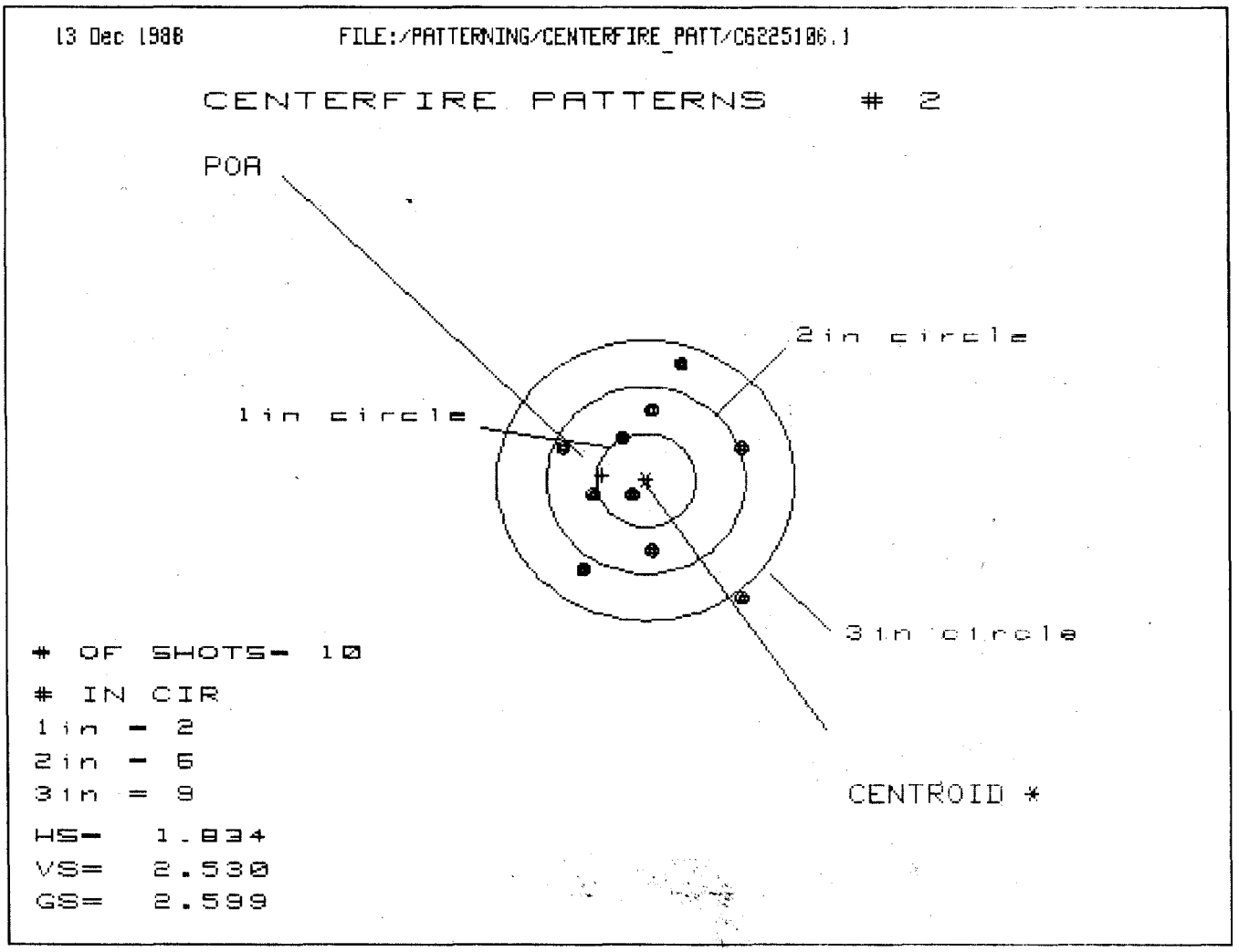
VS= 1.538

GS= 1.822

CENTROID #

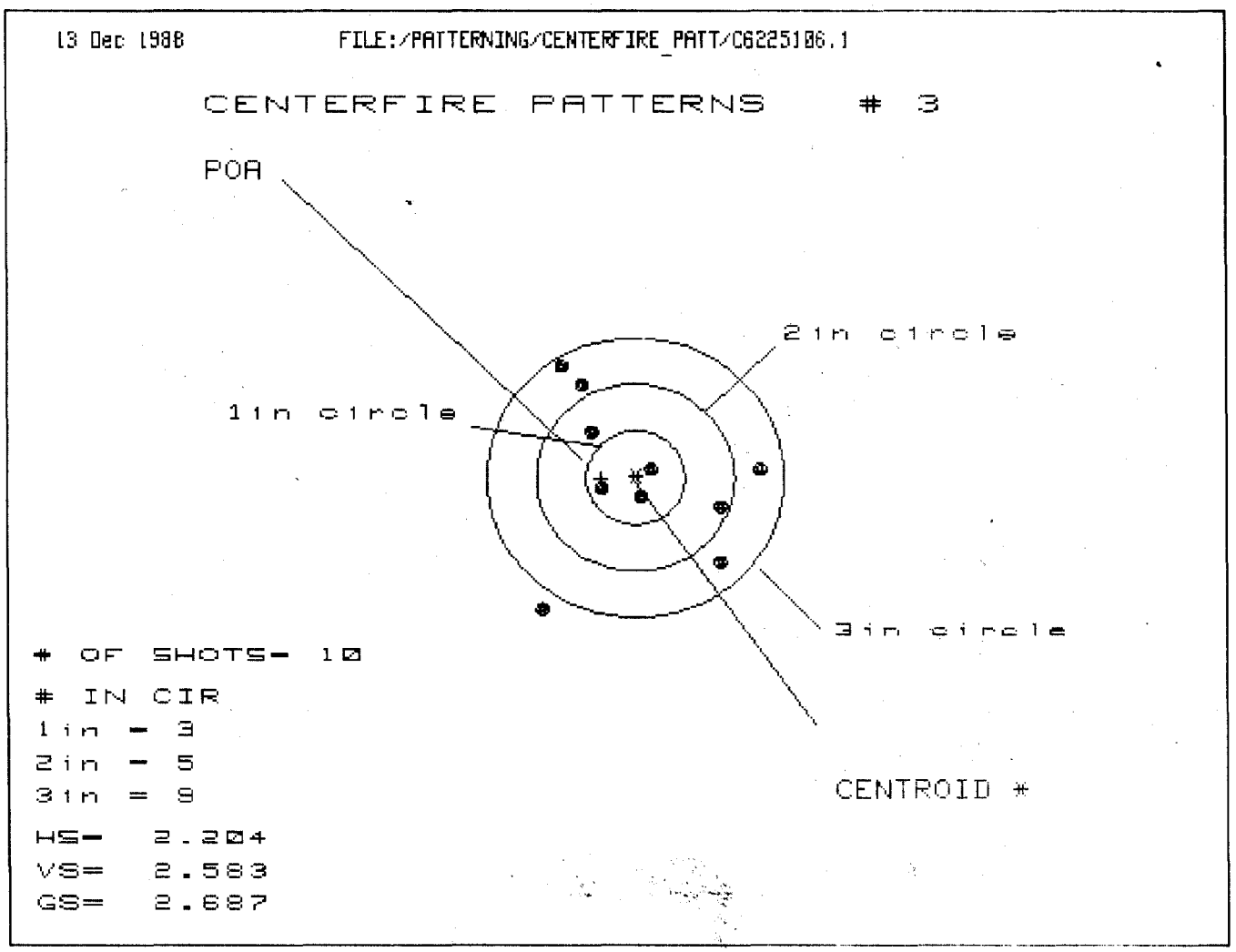
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.943	.548	.574
MINIMUM X	:	-.780	-.675	-.649
MAXIMUM Y	:	.929	.879	.578
MINIMUM Y	:	-.609	-.659	-.549
CENTROID X	:	.284	.179	.153
CENTROID Y	:	.682	.732	.622
POA TO CENTROID in.	:	.739	.754	.641
MIN RADIUS	:	.211	.230	.231
MEAN RADIUS	:	.610	.553	.497
MAX RADIUS	:	1.046	.903	.794
HORIZONTAL SPREAD	:	1.723	1.223	1.223
VERTICAL SPREAD	:	1.538	1.538	1.127
EXTREME SPREAD	:	1.822	1.575	1.434
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

INTERCHANGEABILITY



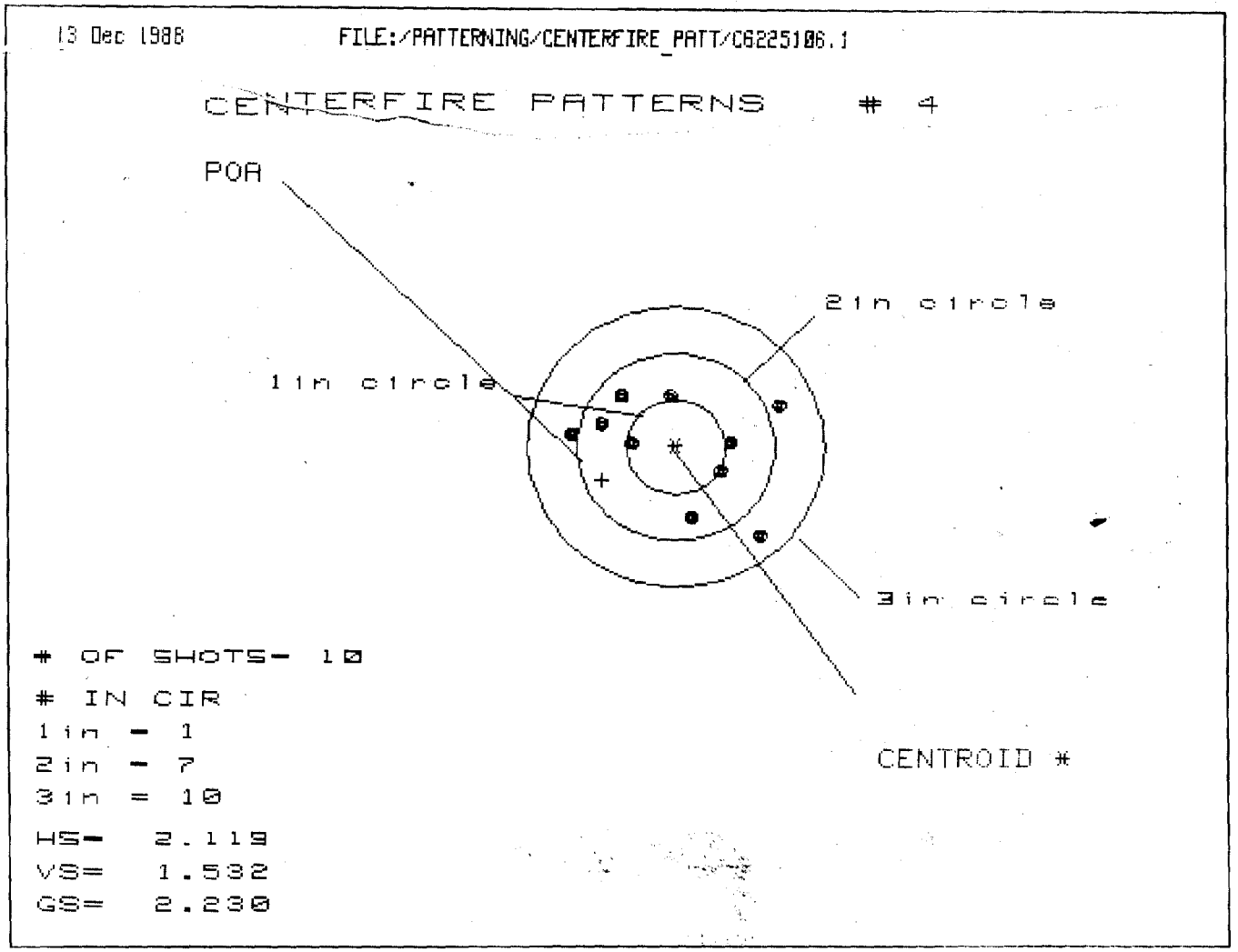
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.989	1.092	1.146
MINIMUM X	:	-.845	-.742	-.688
MAXIMUM Y	:	1.253	1.111	.778
MINIMUM Y	:	-1.277	-1.060	-.921
CENTROID X	:	.439	.336	.282
CENTROID Y	:	-.051	.091	-.048
POA TO CENTROID in.	:	.442	.348	.286
MIN RADIUS	:	.218	.308	.185
MEAN RADIUS	:	.869	.768	.695
MAX RADIUS	:	1.578	1.193	1.212
HORIZONTAL SPREAD	:	1.834	1.834	1.834
VERTICAL SPREAD	:	2.530	2.171	1.699
EXTREME SPREAD	:	2.599	2.373	2.084
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

INTERCHANGEABILITY



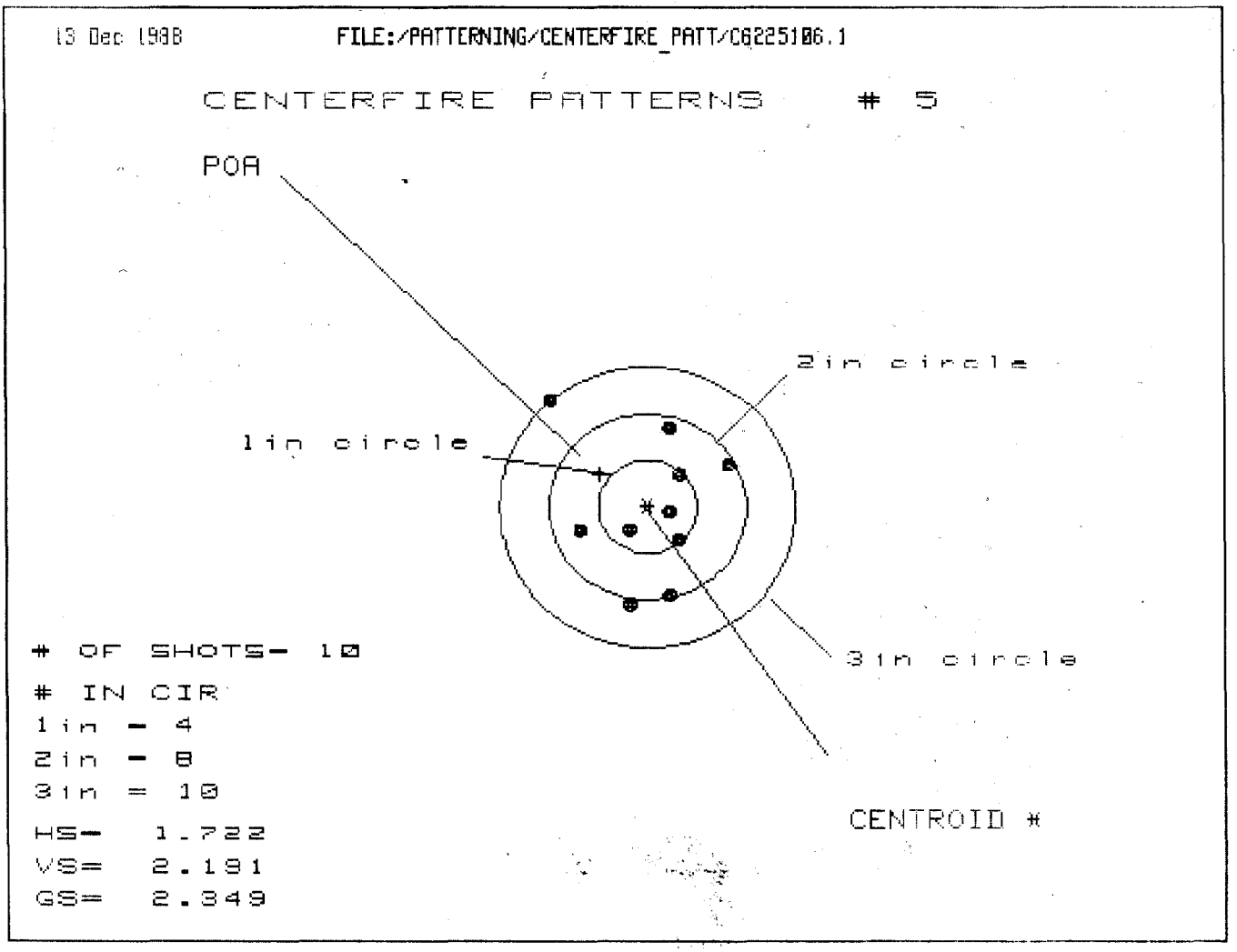
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.248	1.142	1.030
MINIMUM X	:	-.956	-.895	-.780
MAXIMUM Y	:	1.210	1.057	.998
MINIMUM Y	:	-1.373	-1.074	-.942
CENTROID X	:	.346	.452	.564
CENTROID Y	:	.004	.157	.025
POA TO CENTROID in.	:	.346	.479	.565
MIN RADIUS	:	.177	.051	.122
MEAN RADIUS	:	.921	.830	.754
MAX RADIUS	:	1.673	1.385	1.267
HORIZONTAL SPREAD	:	2.204	2.037	1.810
VERTICAL SPREAD	:	2.583	2.131	1.940
EXTREME SPREAD	:	2.687	2.687	2.398
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

INTERCHANGEABILITY



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.034	1.124	.753
MINIMUM X	:	-1.085	-.995	-.854
MAXIMUM Y	:	.541	.431	.468
MINIMUM Y	:	-.991	-.896	-.859
CENTROID X	:	.751	.661	.520
CENTROID Y	:	.350	.460	.423
POA TO CENTROID in.	:	.829	.805	.670
MIN RADIUS	:	.485	.389	.247
MEAN RADIUS	:	.792	.718	.643
MAX RADIUS	:	1.282	1.163	.922
HORIZONTAL SPREAD	:	2.119	2.119	1.607
VERTICAL SPREAD	:	1.532	1.327	1.327
EXTREME SPREAD	:	2.230	2.131	1.615
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

INTERCHANGEABILITY



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.771	.666	.632
MINIMUM X	:	-.951	-.834	-.868
MAXIMUM Y	:	1.148	1.015	.900
MINIMUM Y	:	-1.043	-.915	-.899
CENTROID X	:	.484	.589	.623
CENTROID Y	:	-.354	-.482	-.367
POA TO CENTROID in.	:	.599	.761	.723
MIN RADIUS	:	.270	.159	.136
MEAN RADIUS	:	.754	.643	.598
MAX RADIUS	:	1.490	1.018	.902
HORIZONTAL SPREAD	:	1.722	1.500	1.500
VERTICAL SPREAD	:	2.191	1.930	1.799
EXTREME SPREAD	:	2.349	1.962	1.799
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	