C6523424

MODEL 700™ M24

Model SPS™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington

10/10/07 10:50:33

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: RE00135186
Verify Repair

Serial: C6523404 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:
Status: Closed 10/10/2007 10:40:56 AM

Address Information

Customer:	Received From	Return To:	Received From
Name:	USPEO FOR OHIO	USPEO FOR OHIO	
Address 1:	SS-SD BRANCH	SS-SD BRANCH	
Address 2:	1217 HOLLAR LN	1217 HOLLAR LN	
PO Box:		PO Box:	
City:	NEWARK	NEWARK	
State:	OH	OH	
Zip Code:	43055	43055	
Country:	US	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	Qt
A006	Sling Strap	1
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
A055	Deployment Kit	1
A057	Frt and Rear Sgt Base	1

Repair Search | Refresh | Close

nagletj | 10/10/2007 | 10:50 AM | CAPS | NUM | INS | SCRL

start | 8 Mic... | 7 Int... | 5 Mic... | SAP Lo... | Arms S... | Part S... | 10:50 AM

Serial Number: C6523404

Model: M24 SWS

RE00135186

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6523404.__0
FILE DATE AND TIME: 11/01/2007 21:48

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

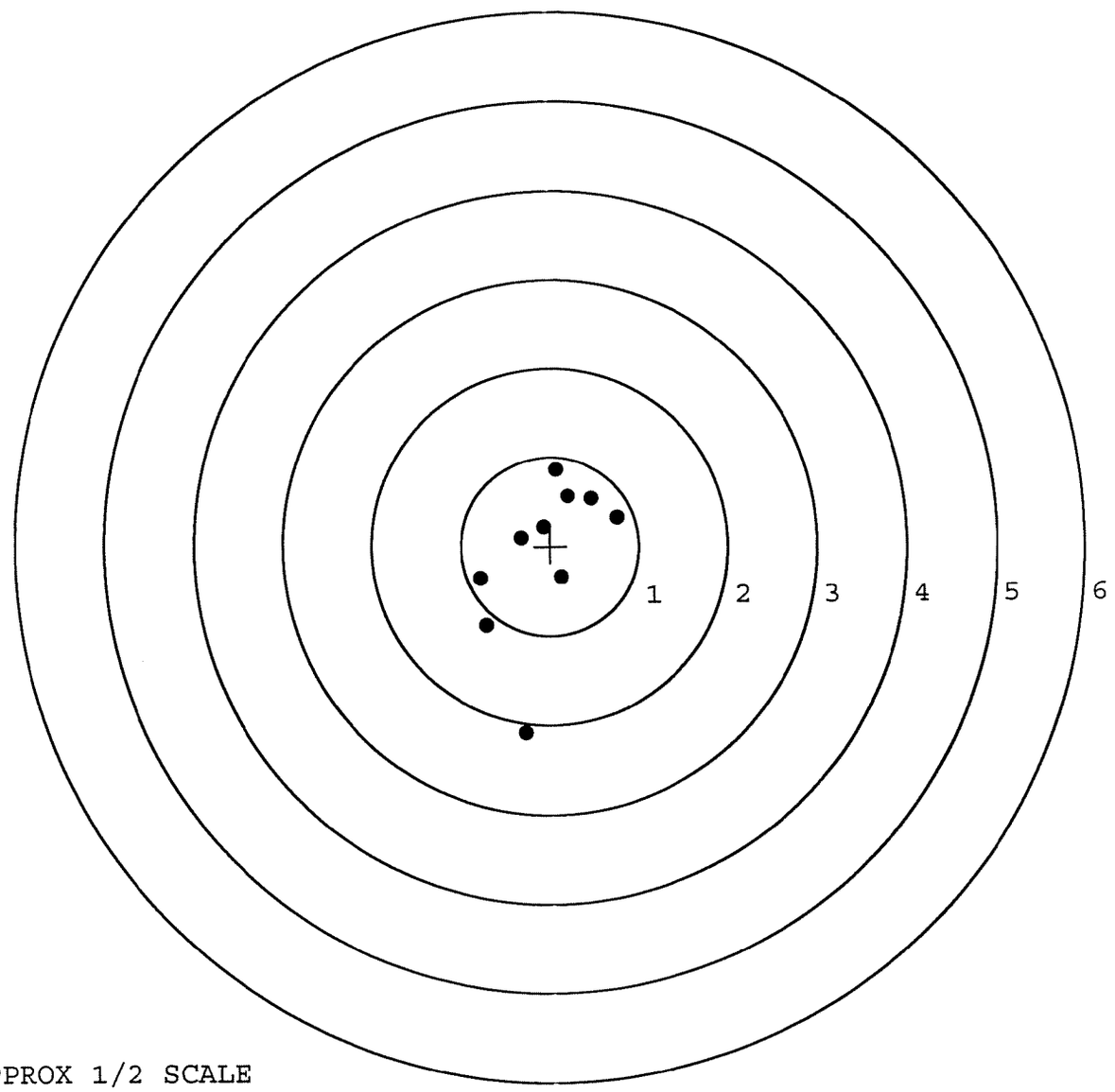
The Average X Centroid of the Five Target Set:	0.021
The Average Y Centroid of the Five Target Set:	0.137
The Average Point of Impact of the Five Target Set:	0.139
The Average Mean Radius of the Five Target Set:	0.675
The Distance from POA to Centroid Target #1:	0.124
The Distance from Centroid Target #2 to Centroid Target #1:	0.687
The Distance from Centroid Target #3 to Centroid Target #1:	0.320
The Distance from Centroid Target #4 to Centroid Target #1:	0.306
The Distance from Centroid Target #5 to Centroid Target #1:	0.090

BARBER - M24 0027506

SERIAL NUMBER: C6523404.__0
TARGET NUMBER: 1
FILE DATE: 11/01/2007
FILE TIME: 21:48

X CENTROID:	-0.058
Y CENTROID:	-0.110
POA TO CENTROID:	0.124
HORZ SPREAD:	1.538
VERT SPREAD:	2.949
GROUP SPREAD:	2.972
MIN RADIUS:	0.302
MAX RADIUS:	1.994
MEAN RADIUS:	0.820
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.071	0.859
2:	0.202	0.558
3:	0.468	0.533
4:	0.757	0.320
5:	-0.074	0.217
6:	-0.327	0.098
7:	0.125	-0.351
8:	-0.781	-0.359
9:	-0.722	-0.886
10:	-0.298	-2.090



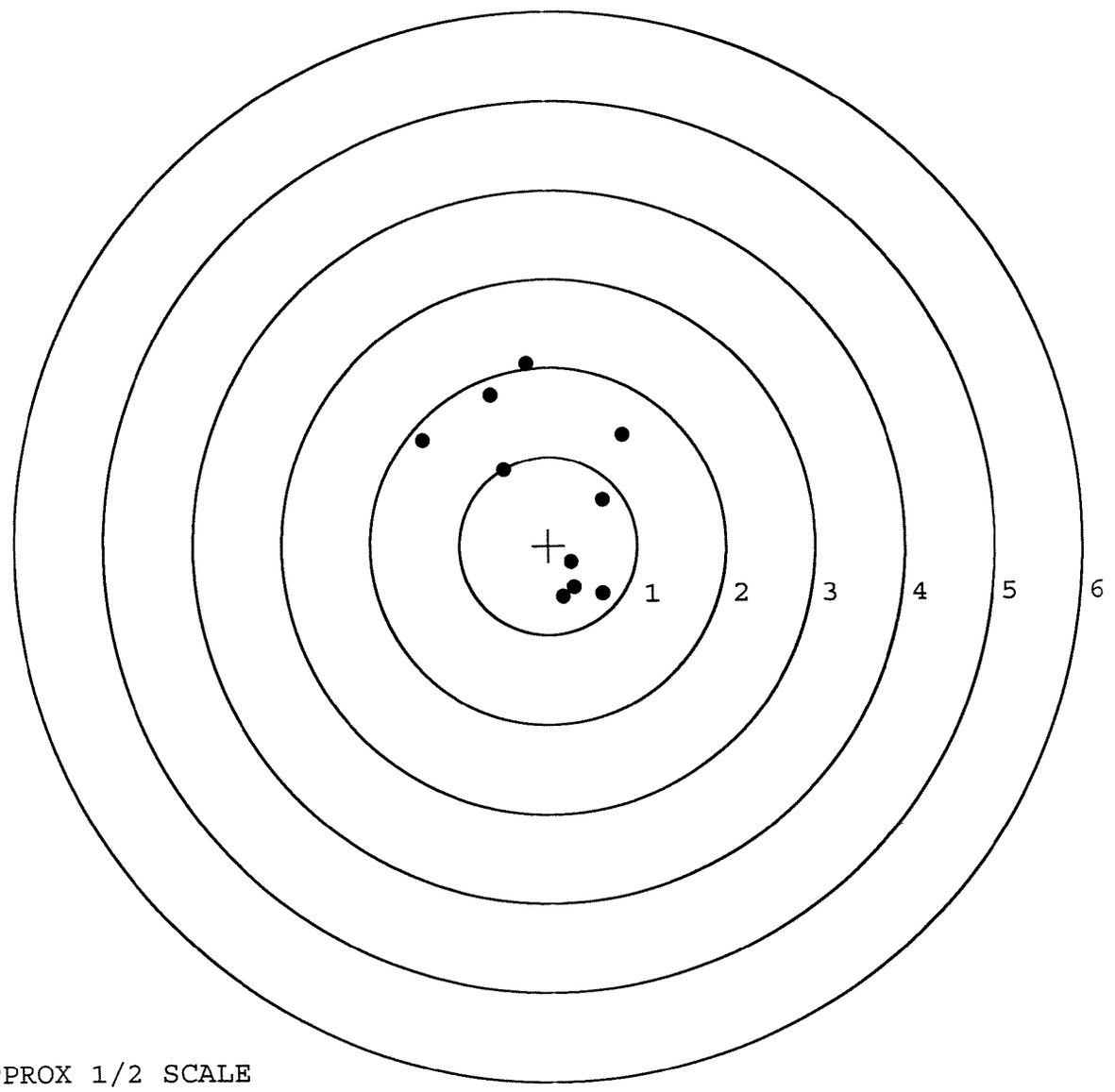
TARGET APPROX 1/2 SCALE

BARBER - M24 0027507

SERIAL NUMBER: C6523404.__0
TARGET NUMBER: 2
FILE DATE: 11/01/2007
FILE TIME: 21:48

X CENTROID:	0.001
Y CENTROID:	0.574
POA TO CENTROID:	0.574
HORZ SPREAD:	2.248
VERT SPREAD:	2.627
GROUP SPREAD:	2.662
MIN RADIUS:	0.574
MAX RADIUS:	1.534
MEAN RADIUS:	1.092
# IN 1 IN DIAMETER:	0
# IN 2 IN DIAMETER:	3
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.258	-0.191
2:	0.163	-0.583
3:	0.288	-0.477
4:	0.610	-0.549
5:	0.616	0.507
6:	0.846	1.242
7:	-0.497	0.859
8:	-1.402	1.194
9:	-0.634	1.695
10:	-0.240	2.044

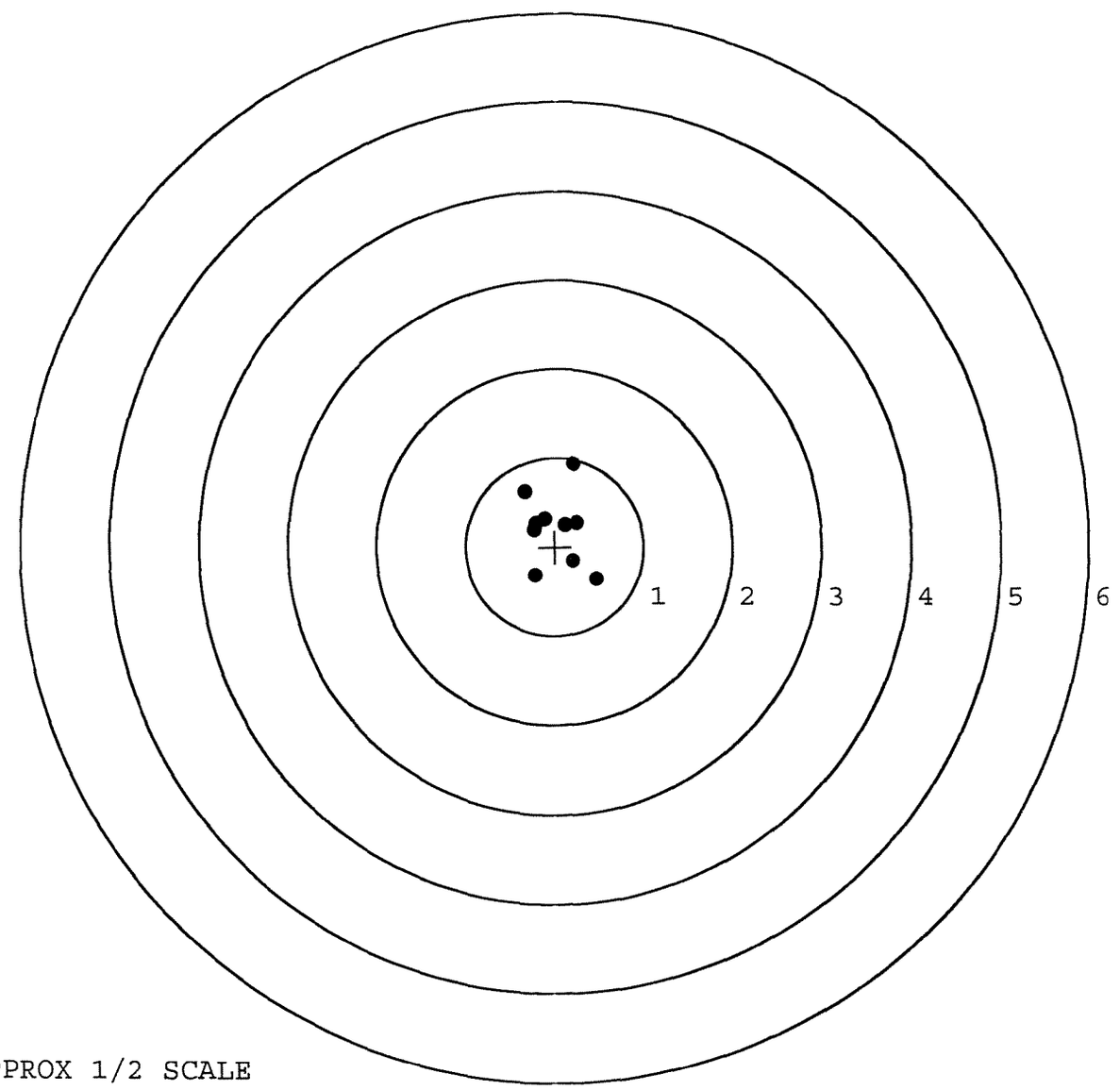


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523404.__0
TARGET NUMBER: 3
FILE DATE: 11/01/2007
FILE TIME: 21:48

X CENTROID:	0.007
Y CENTROID:	0.203
POA TO CENTROID:	0.203
HORZ SPREAD:	0.821
VERT SPREAD:	1.295
GROUP SPREAD:	1.324
MIN RADIUS:	0.113
MAX RADIUS:	0.755
MEAN RADIUS:	0.405
# IN 1 IN DIAMETER:	6
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.244	0.200
2:	-0.124	0.318
3:	0.245	0.271
4:	0.201	-0.157
5:	0.476	-0.363
6:	-0.228	-0.320
7:	-0.345	0.626
8:	0.202	0.932
9:	-0.222	0.273
10:	0.109	0.251



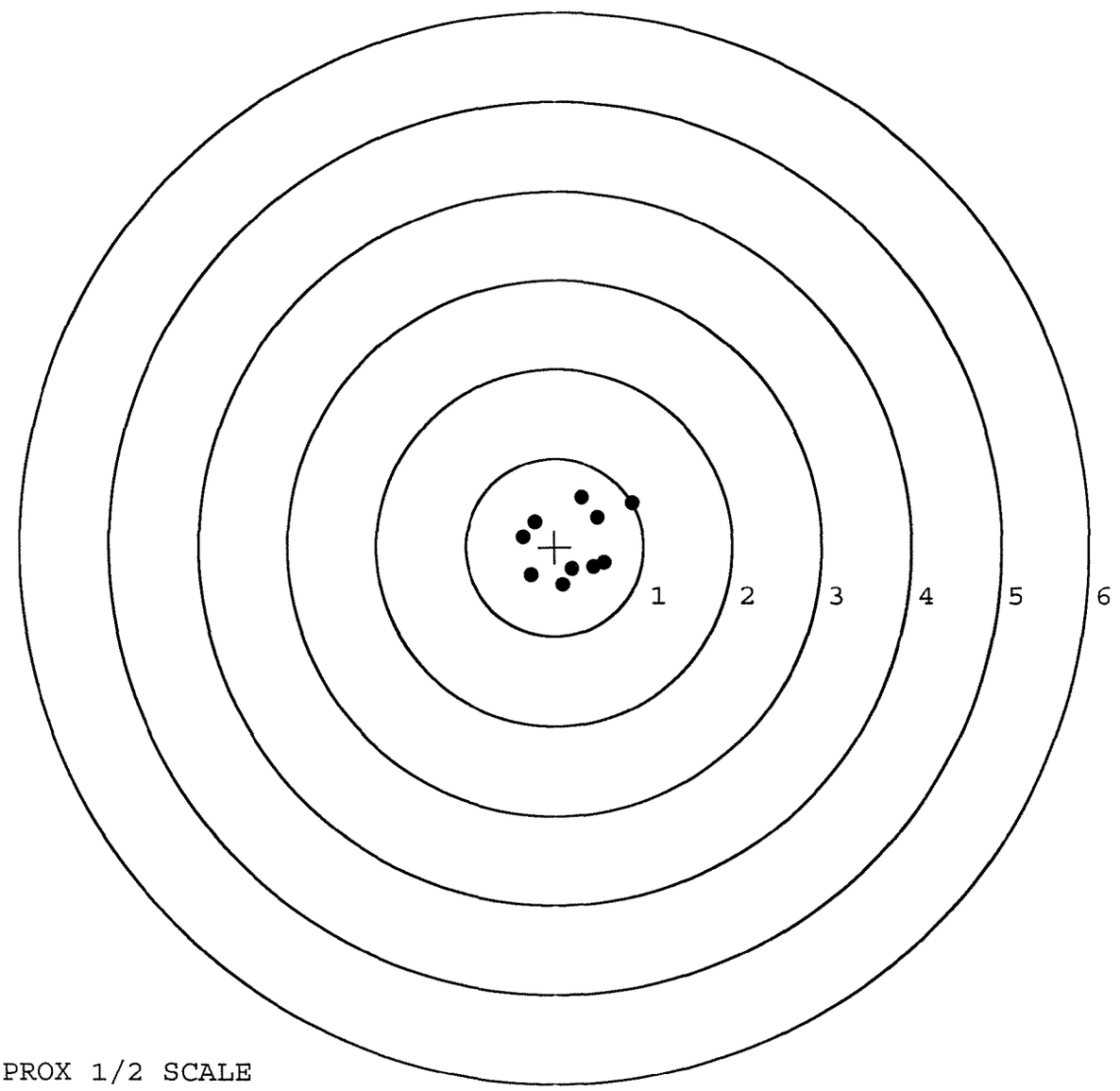
TARGET APPROX 1/2 SCALE

BARBER - M24 0027509

SERIAL NUMBER: C6523404.__0
TARGET NUMBER: 4
FILE DATE: 11/01/2007
FILE TIME: 21:48

X CENTROID:	0.209
Y CENTROID:	0.039
POA TO CENTROID:	0.213
HORZ SPREAD:	1.231
VERT SPREAD:	0.983
GROUP SPREAD:	1.400
MIN RADIUS:	0.287
MAX RADIUS:	0.805
MEAN RADIUS:	0.494
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.358	0.116
2:	-0.232	0.283
3:	-0.269	-0.316
4:	0.092	-0.428
5:	0.198	-0.247
6:	0.440	-0.224
7:	0.564	-0.176
8:	0.873	0.494
9:	0.482	0.336
10:	0.303	0.555



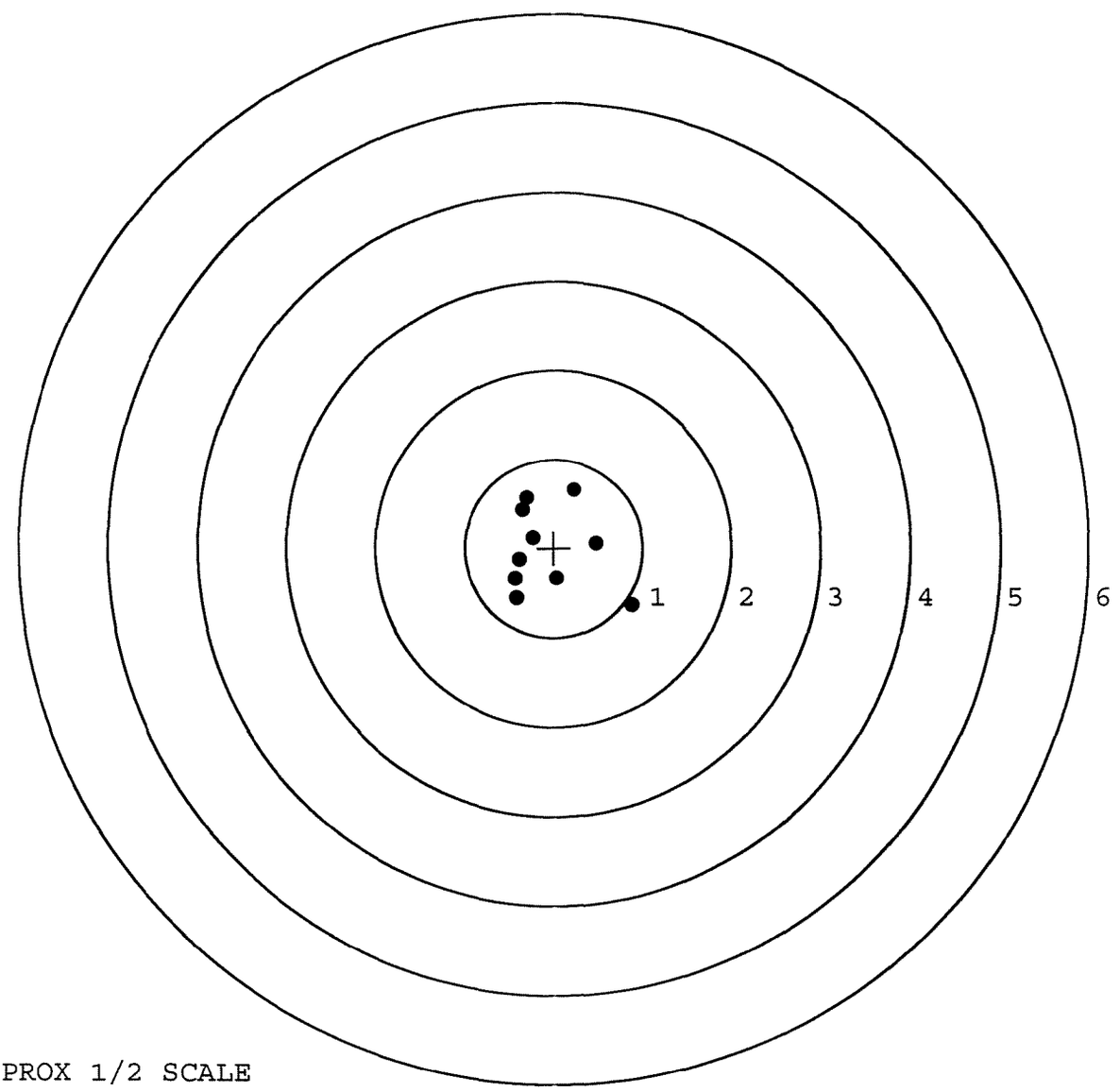
TARGET APPROX 1/2 SCALE

BARBER - M24 0027510

SERIAL NUMBER: C6523404.__0
TARGET NUMBER: 5
FILE DATE: 11/01/2007
FILE TIME: 21:48

X CENTROID:	-0.054
Y CENTROID:	-0.020
POA TO CENTROID:	0.058
HORZ SPREAD:	1.314
VERT SPREAD:	1.297
GROUP SPREAD:	1.690
MIN RADIUS:	0.232
MAX RADIUS:	1.120
MEAN RADIUS:	0.565
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.309	0.561
2:	-0.359	0.432
3:	-0.239	0.120
4:	-0.388	-0.127
5:	-0.439	-0.346
6:	-0.422	-0.562
7:	0.027	-0.346
8:	0.230	0.652
9:	0.483	0.057
10:	0.875	-0.645



TARGET APPROX 1/2 SCALE

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

R & E NUMBER 135486

SERIAL NUMBER C6523404

LOG-IN DATE 10-10-07

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		10-15-07	RTC
505	RE-BARREL		10-16-07	RTC
560	ASSEMBLE		10-16-07	RTC
600	PROOF		10-17-07	TRW
605	CHECK HEADSPACE	MAGNA - FLUX	10-17-07	TRW
610	DIS-ASSEMBLE GUN	2007	10-17-07	RTC
612	MAGNAFLUX		10-22-07	JB
510	DRILL AND TAP	OPERATOR JB	10-17-07	TRW
615	ROLLMARK CALIBER		10-8-07	CW
618	ROTO-BLAST		10-22-07	[illegible]
620	APPLY COATINGS		10-25-07	[illegible]
625	FINAL ASSEMBLY		11-1-07	RTC
640	FUNCTION TEST AND	(PASS) FAIL	11/1/07	[illegible]
650	TARGET	(PASS) FAIL	11/1/07	[illegible]
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	N/A	
	MALFUNCTION	CORRECTION	11-1-07	SD
670	FINAL INSPECTION		11-19-07	DH
	A) HEADSPACE	(PASS) FAIL	11-19-07	DH
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	2.75 2.67 2.66 2.63 2.65	11-5-07	DH
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS MAX)	4.0 3.75 4.0	11-5-07	DH
	G) SAFETY OFF FORCE (2 LBS MIN)	2.5 2.5 2.5	11-5-07	DH
	I) FIRING PIN INDENT (.020)	.021 .021 .021	11-5-07	DH
690	PACK		11-9-07	DH

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.
C6523404
ORDER NO.
5716
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off., Marca Registrada Marque Deposee.
01
5716 C6523404
UPC
0 47700 25716 7

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6523404

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/2/90	KA
600	Proof		10/2/90	KA
607	Check Headspace		10/2/90	KA
610	Dis-assemble Gun		10/2/90	KA
612	Magnaflux Barrel Action		10/5/90	KR
	Magnaflux Bolt		10/5/90	KR
615	Rollmark Caliber		10/6/90	DS
617	Drill and Tap Sight Holes		10/6/90	FB
618	Polish Barrel RB		10/7/90	WB
620	Apply Coatings (Barrel Action)		10-20-90	DH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/21/90	WB
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/21/90	WB
	C) Inspect Ejector Hole for Chamfer		10/21/90	WB
	D) Oil Firing Pin Ass'y		10/21/90	WB
	E) Adjust Trigger Pull to Min Setting and Stake		10-22-90	DH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4 1/2	4 1/2	4 1/2			10/27/90	WB
	G) Safety Off Force	7 1/4	7 1/4	7 1/4			10/27/90	WB
	H) Trigger Pull Test & Retainability						10-27-90	DH
	I) Firing Pin Indent	.0205	.021	.021			10/27/90	WB
	J) Assemble Stock						10/27/90	KJ
	K) Assemble Swivel Studs						3/8/90	KJ
	L) Attach Front and Rear Sight Assemblies						10/27/90	KJ
	M) Iron Sight Alignment						10/27/90	KJ
	N) Detach Front & Rear Sights & place in numbered container						10/27/90	KJ
	O) Attach Scope to Rifle						10/27/90	KJ
	P) Detach & Attach Scope 20 Times						10/27/90	KJ
640	Gallery Target & Test						10-29-90	KT
	A) Time						10-29-90	KJ
	B) Malfunctions						10-29-90	KT
	C) Pierced Primers						10-29-90	KT
	D) Optical Clearity of Scope						10-29-90	KT
645	Inspect for Live Ammo						10-29-90	KT
655	Final Inspection A) Headspace						3/8/90	KJ
	B) Trigger Pull	235	239	240	232	235	3/8/90	KJ
	C) Function						3/8/90	KJ
660	Pack						12-17-90	DH

SWS TRIGGER PULL TEST

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

SERIAL NO. C6523404
DATE 10-27-90
TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.59	2.27	2.56	2.35	MIN. SETTING,
PULL #2	2.48	2.28	2.49	2.39	NO AVG. OF 5
PULL #3	2.38	2.30	2.59	2.10	READINGS ACCEPT-
PULL #4	2.41	2.33	2.48	2.32	ABLE LESS THAN 2#
PULL #5	2.39	2.29	2.40	2.35	
TOTAL	12.25	11.47	12.52		
AVG.	2.45	2.29	2.50		

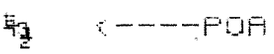
	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.44	3.44		
PULL #2	3.35	3.40		
PULL #3	3.18	3.39		
PULL #4	3.20	3.07		
PULL #5	3.36	3.10		
TOTAL	16.53	16.40		
AVG.	3.30	3.28		

	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		4.10
PULL #2	4.36	4.09		4.12
PULL #3	4.20	4.08		4.17
PULL #4	4.26	4.10		4.13
PULL #5	4.23	4.21		4.10
TOTAL	21.15	20.58		20.62
AVG.	4.23	4.11		4.12

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523404
30 Oct 1990

CENTROIDAL DISTANCES

0	TO	1	.16477
1	TO	2	.51533
1	TO	3	.344048
1	TO	4	.457708
1	TO	5	.0986813

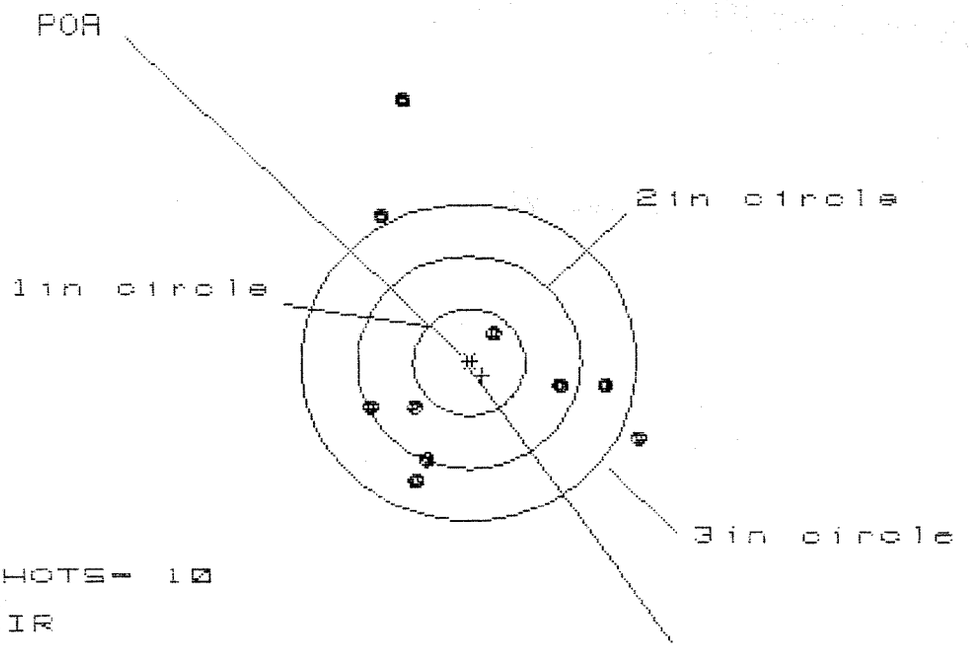


THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1088
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0476
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .118757

THE AMR FOR THIS RIFLE IS: 1.03

30 Oct 1990 FILE:/PATTERNING/CENTERFIRE_PATT/C6523404

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

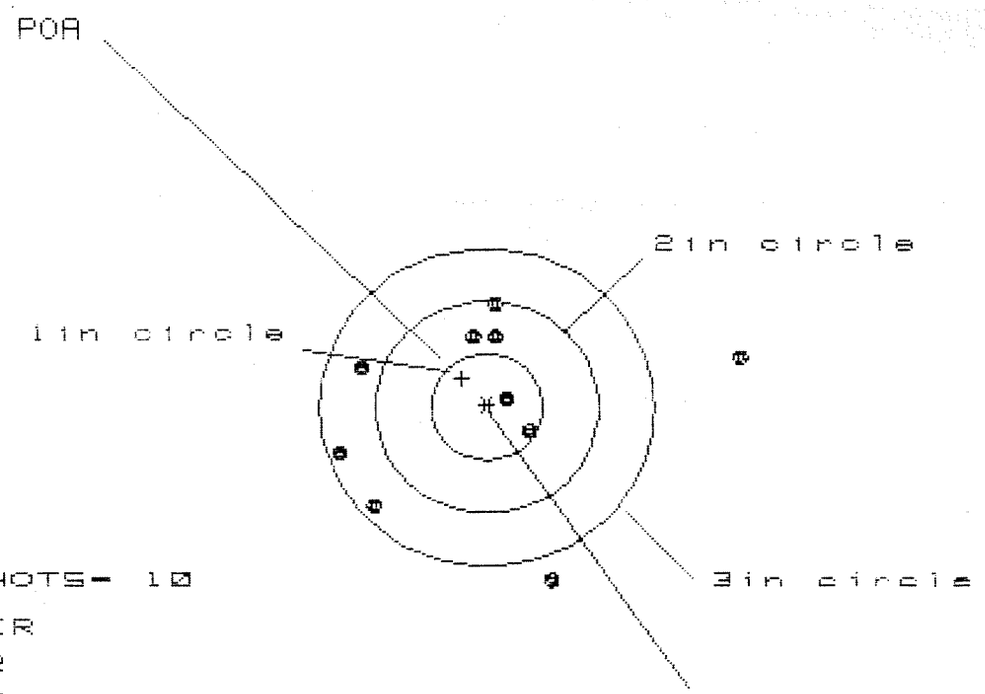
# IN CIR
1in = 1
2in = 3
3in = 7

HS= 2.432
VS= 3.592
GS= 3.814

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.508	1.441	1.308
MINIMUM X	:	-.924	-.991	-.811
MAXIMUM Y	:	2.436	1.657	1.598
MINIMUM Y	:	-1.156	-.885	-.944
CENTROID X	:	-.115	-.048	-.228
CENTROID Y	:	.118	-.153	-.094
POA TO CENTROID in.	:	.165	.160	.247
MIN RADIUS	:	.395	.607	.464
MEAN RADIUS	:	1.222	1.040	.965
MAX RADIUS	:	2.510	1.859	1.731
HORIZONTAL SPREAD	:	2.432	2.432	2.119
VERTICAL SPREAD	:	3.592	2.542	2.542
EXTREME SPREAD	:	3.814	3.120	2.556
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		7	

30 Oct 1990 FILE:/PATTERNING/CENTERFIRE_PATT/C6523404

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

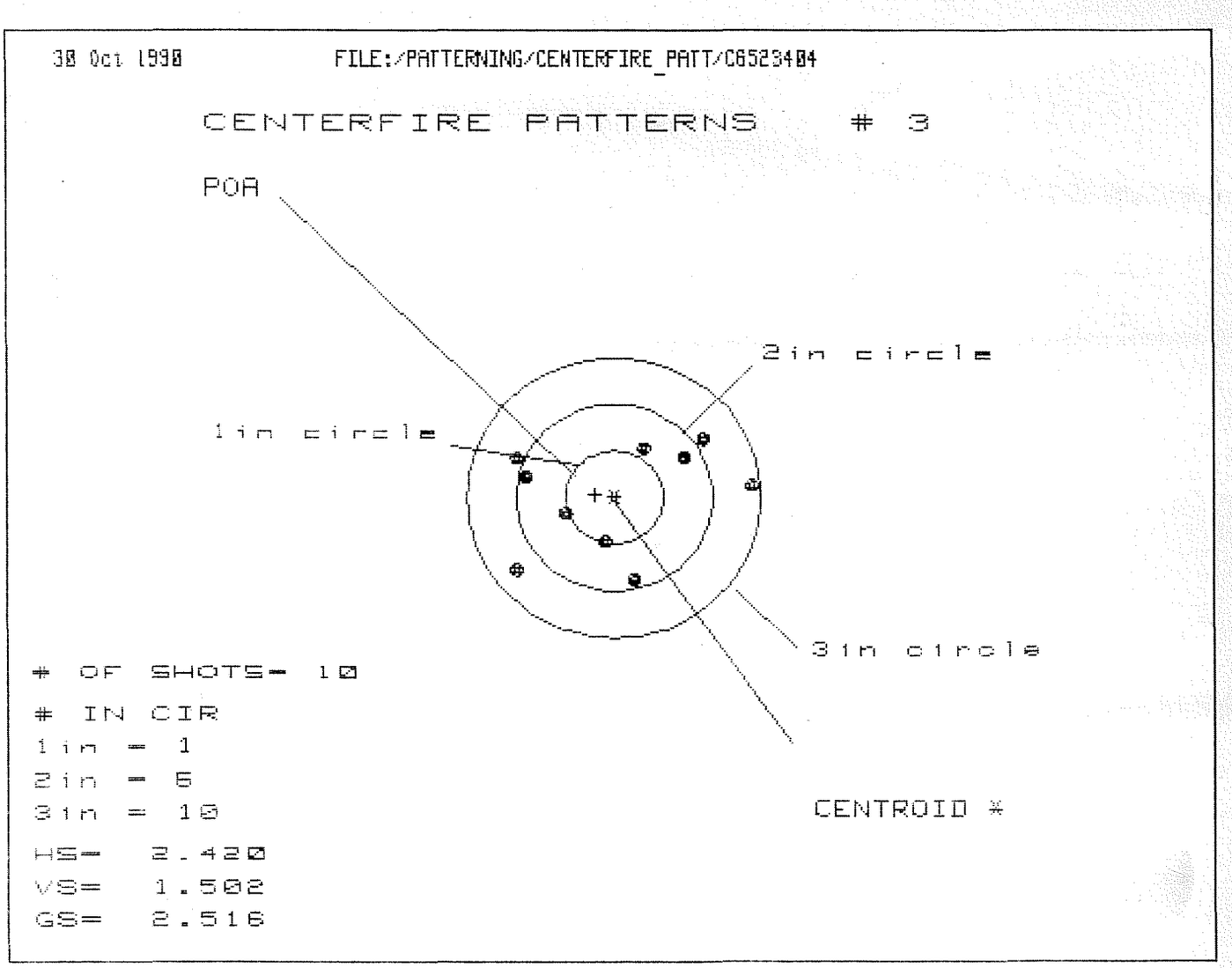
# IN CIR
1in = 2
2in = 5
3in = 8

HS= 3.581
VS= 2.585
GS= 3.715

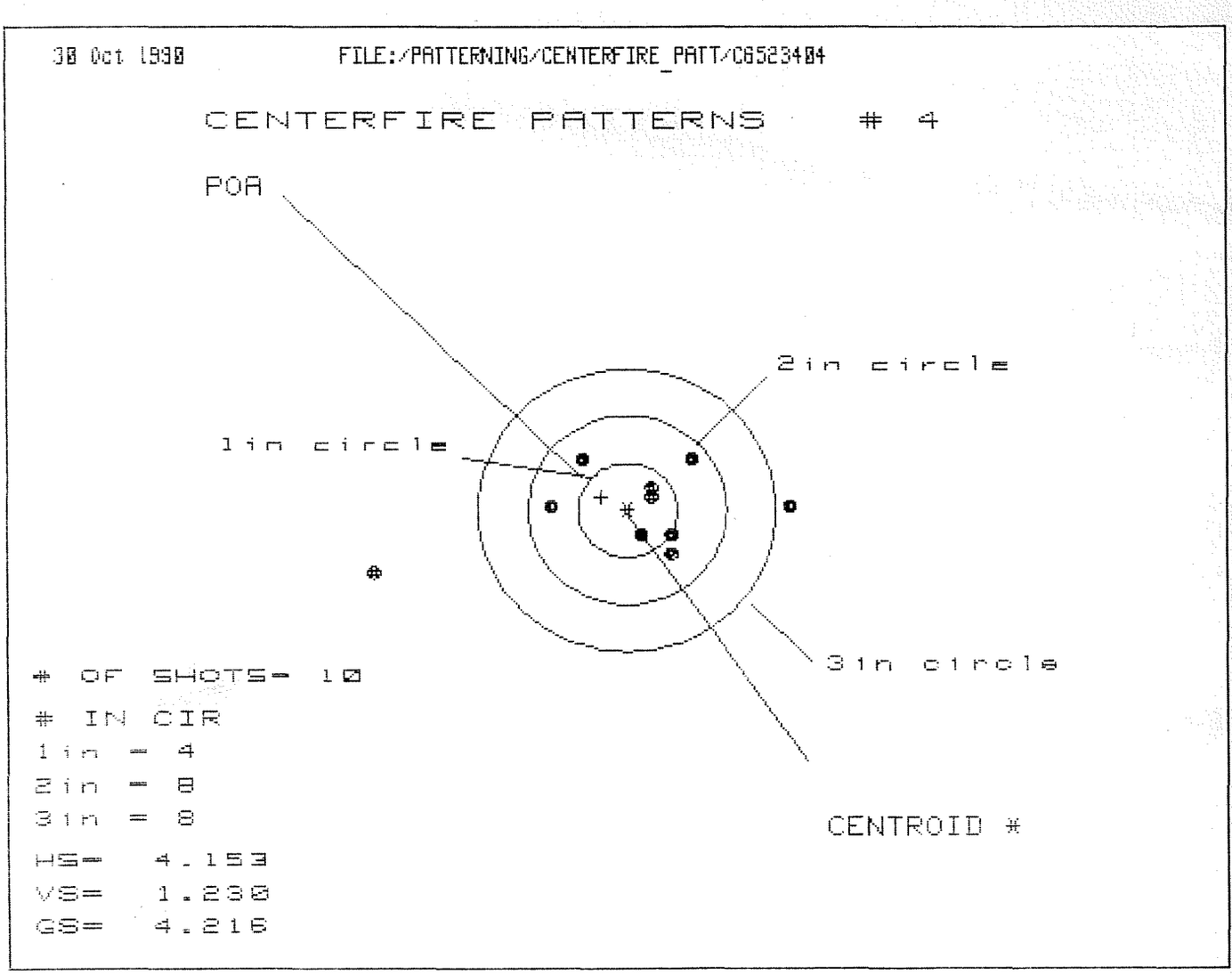
PATTERN # : 2

SHOTS (BEST OF) :	10	9	8
MAXIMUM X :	2.265	.812	.760
MINIMUM X :	-1.316	-1.064	-.962
MAXIMUM Y :	.942	1.000	.802
MINIMUM Y :	-1.643	-1.585	-1.049
CENTROID X :	.223	-.029	-.131
CENTROID Y :	-.271	-.329	-.131
POA TO CENTROID in.:	.351	.330	.185
MIN RADIUS :	.164	.419	.501
MEAN RADIUS :	1.085	.963	.830
MAX RADIUS :	2.324	1.781	1.229
HORIZONTAL SPREAD :	3.581	1.876	1.722
VERTICAL SPREAD :	2.585	2.585	1.851
EXTREME SPREAD :	3.715	2.659	2.158

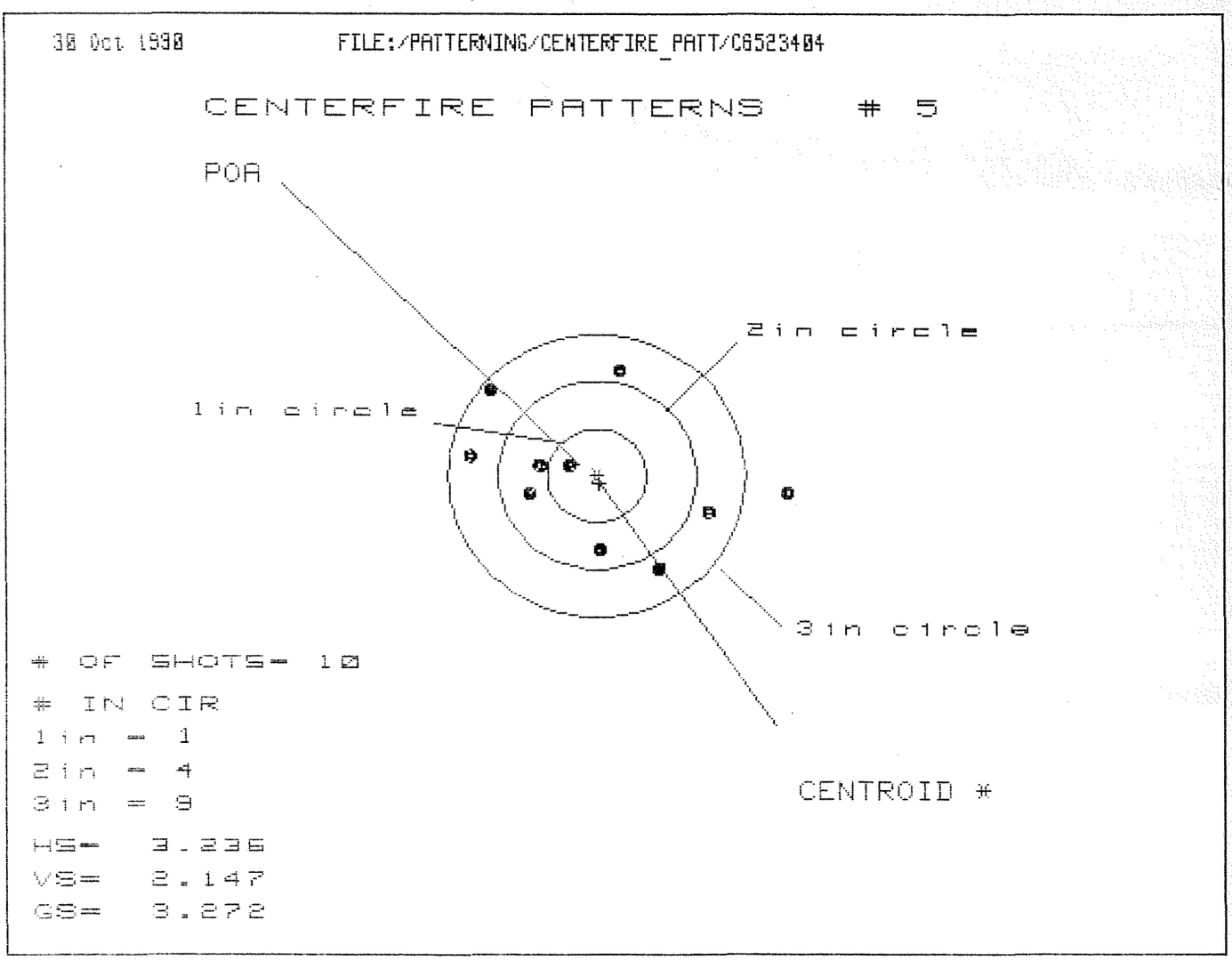
NUMBER IN ONE INCH CIRCLE = 2
NUMBER IN TWO INCH CIRCLE = 5
NUMBER IN THREE INCH CIRCLE = 8



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.385	1.024	.921
MINIMUM X	:	-1.035	-.881	-.984
MAXIMUM Y	:	.629	.641	.547
MINIMUM Y	:	-.873	-.861	-.955
CENTROID X	:	.197	.043	.146
CENTROID Y	:	-.027	-.039	.055
POA TO CENTROID in.	:	.199	.058	.156
MIN RADIUS	:	.498	.352	.487
MEAN RADIUS	:	.906	.835	.802
MAX RADIUS	:	1.389	1.208	1.072
HORIZONTAL SPREAD	:	2.420	1.905	1.905
VERTICAL SPREAD	:	1.502	1.502	1.502
EXTREME SPREAD	:	2.516	2.313	1.916
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	:	1.606	1.323	.561
MINIMUM X	:	-2.547	-1.075	-.909
MAXIMUM Y	:	.559	.484	.482
MINIMUM Y	:	-.671	-.571	-.573
CENTROID X	:	.261	.544	.378
CENTROID Y	:	-.143	-.068	-.066
POA TO CENTROID in.	:	.297	.548	.384
MIN RADIUS	:	.280	.071	.140
MEAN RADIUS	:	.878	.611	.530
MAX RADIUS	:	2.634	1.324	.910
HORIZONTAL SPREAD	:	4.153	2.398	1.470
VERTICAL SPREAD	:	1.230	1.055	1.055
EXTREME SPREAD	:	4.216	2.398	1.561
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		8	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.943	1.365	1.254
MINIMUM X	:	-1.293	-1.077	-1.188
MAXIMUM Y	:	1.139	1.114	1.228
MINIMUM Y	:	-1.008	-1.033	-.919
CENTROID X	:	-.022	-.238	-.127
CENTROID Y	:	.085	.110	-.004
POA TO CENTROID in.	:	.087	.262	.127
MIN RADIUS	:	.338	.155	.312
MEAN RADIUS	:	1.057	.898	.869
MAX RADIUS	:	1.956	1.433	1.295
HORIZONTAL SPREAD	:	3.236	2.442	2.442
VERTICAL SPREAD	:	2.147	2.147	2.147
EXTREME SPREAD	:	3.272	2.621	2.530
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	