C6587533

MODEL 700™ M24

Model SWS ™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington®

11/02/07 13:13:14

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: RE00136234

Verify Repair

Serial: C6587533 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status: Closed 11/2/2007 10:15:44 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
D000	SCOPE CASE	1

Repair Search | Refresh | Close

nagletj | 11/2/2007 | 1:13 PM | CAPS | NUM | INS | SCRL

start | 2 Mi... | 5 Int... | 4 Mi... | Part S... | longo... | Arms ... | 1:13 PM

Serial Number: C6587533

Model: M24 SWS

RE00136234

M-24

INSPECTION CHECKLIST - REPAIRS
CONTRACT #: W52H09-07-C-0207

R & E NUMBER	136234			
SERIAL NUMBER	C6587533			
LOG-IN DATE	11-2007			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		7-8-08	RTC
505	RE-BARREL		7-9-08	RTC
420	ASSEMBLE		7-10-08	RTC
440	PROOF	MAGNA - FLUX JUL 15 2008	7-10-08	SD
460	CHECK HEADSPACE		7-10-08	SD
470	DIS-ASSEMBLE GUN		7-11-08	RTC
480	MAGNAFLUX	OPERATOR	7/15/08	(KB)
510	DRILL AND TAP		7-11-08	SB
500	ROLLMARK CALIBER		7/15/08	RT
520	GOFF BLAST BBL / REC		8-11	CM
530 & 540	APPLY COATINGS		7-22-08	RTC
560	FINAL ASSEMBLY		7-22-08	RTC
640	FUNCTION TEST AND	(PASS) FAIL	9-3-08	S.P.D.
650	TARGET	(PASS) FAIL	9-3-08	S.P.D.
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION N/A		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	9-3-08	TC
670	FINAL INSPECTION		9-10-08	RTC
	A) HEADSPACE	(PASS) FAIL	9-8-08	TC
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	2.57 2.57 2.53 2.61 2.61	9-8-08	RSM
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS MAX)	2.5 2.5 2	9-8-08	TC
	G) SAFETY OFF FORCE (2 LBS MIN)	4 4 4	9-8-08	TC
	I) FIRING PIN INDENT (.020)	.024 .022 .023	9-8-08	TC
690	PACK		9-11-08	TC

F006 REV 5/2006

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587533.__0
FILE DATE AND TIME: 09/04/2008 12:16

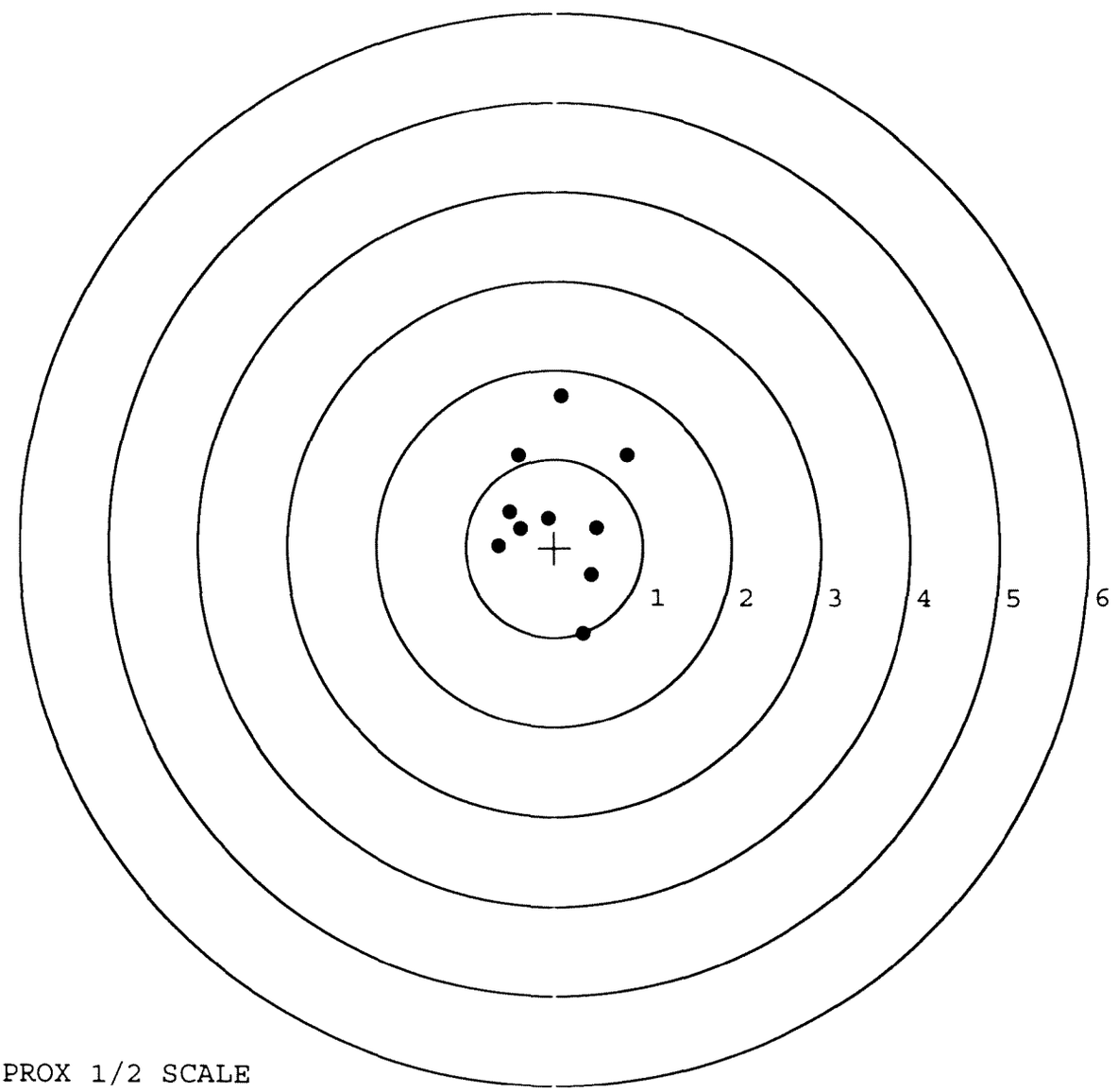
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.054
The Average Y Centroid of the Five Target Set:	0.152
The Average Point of Impact of the Five Target Set:	0.162
The Average Mean Radius of the Five Target Set:	0.712
The Distance from POA to Centroid Target #1:	0.370
The Distance from Centroid Target #2 to Centroid Target #1:	0.186
The Distance from Centroid Target #3 to Centroid Target #1:	0.243
The Distance from Centroid Target #4 to Centroid Target #1:	0.329
The Distance from Centroid Target #5 to Centroid Target #1:	0.380

SERIAL NUMBER: C6587533.__0
TARGET NUMBER: 1
FILE DATE: 09/04/2008
FILE TIME: 12:16

X CENTROID:	0.016
Y CENTROID:	0.370
POA TO CENTROID:	0.370
HORZ SPREAD:	1.462
VERT SPREAD:	2.673
GROUP SPREAD:	2.686
MIN RADIUS:	0.093
MAX RADIUS:	1.370
MEAN RADIUS:	0.762
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.339	-0.962
2:	0.424	-0.306
3:	0.482	0.221
4:	0.829	1.042
5:	0.079	1.711
6:	-0.402	1.038
7:	-0.506	0.397
8:	-0.633	0.016
9:	-0.386	0.213
10:	-0.067	0.327

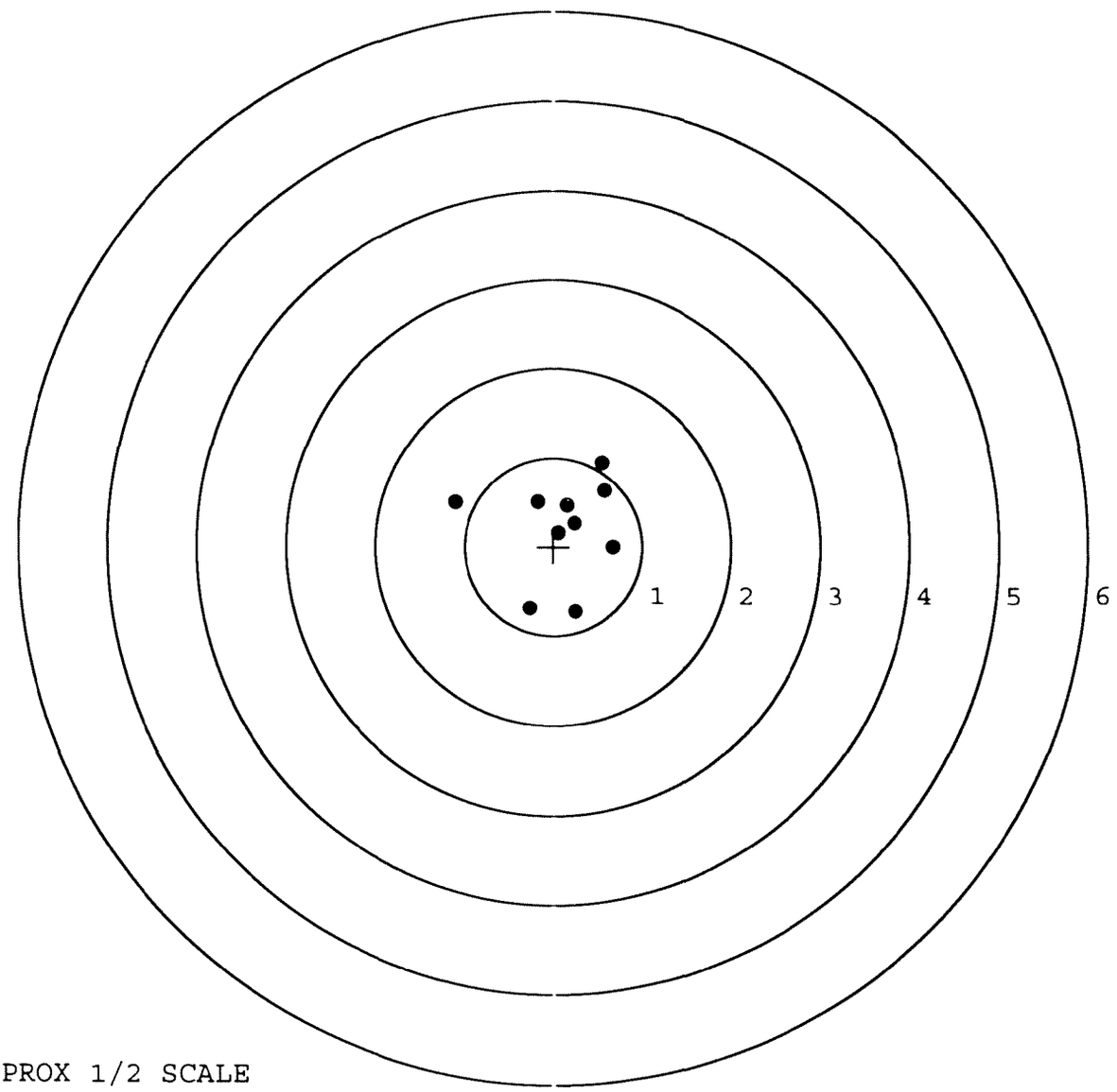


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587533.__0
TARGET NUMBER: 2
FILE DATE: 09/04/2008
FILE TIME: 12:16

X CENTROID:	0.097
Y CENTROID:	0.203
POA TO CENTROID:	0.225
HORZ SPREAD:	1.782
VERT SPREAD:	1.683
GROUP SPREAD:	1.855
MIN RADIUS:	0.061
MAX RADIUS:	1.238
MEAN RADIUS:	0.619
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.271	-0.694
2:	0.248	-0.738
3:	0.679	-0.009
4:	0.583	0.629
5:	0.560	0.945
6:	0.241	0.262
7:	0.156	0.466
8:	0.056	0.158
9:	-0.177	0.505
10:	-1.103	0.505

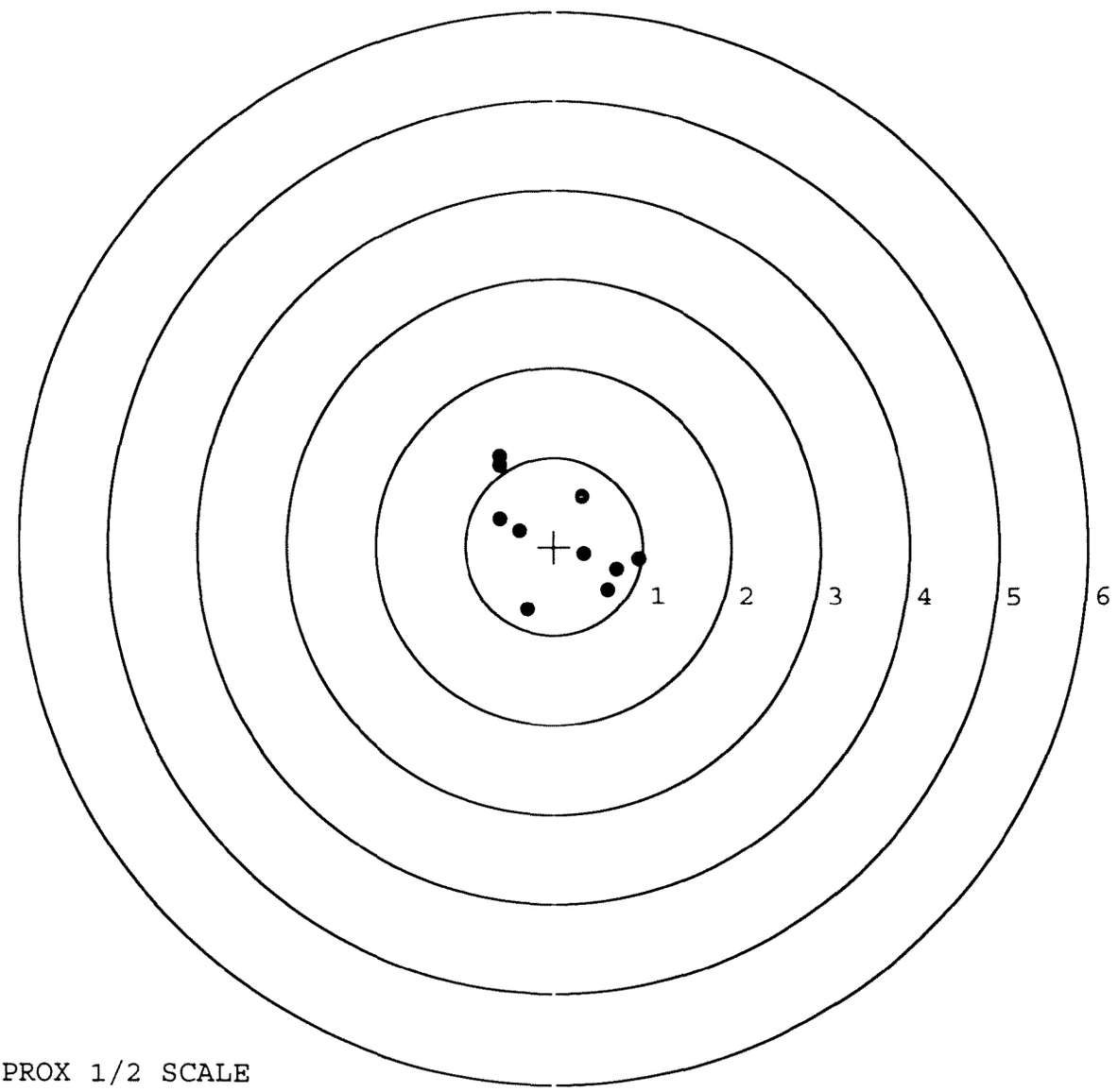


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587533.__0
TARGET NUMBER: 3
FILE DATE: 09/04/2008
FILE TIME: 12:16

X CENTROID:	0.043
Y CENTROID:	0.128
POA TO CENTROID:	0.135
HORZ SPREAD:	1.571
VERT SPREAD:	1.727
GROUP SPREAD:	1.952
MIN RADIUS:	0.368
MAX RADIUS:	1.101
MEAN RADIUS:	0.759
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.297	-0.714
2:	0.609	-0.491
3:	0.959	-0.145
4:	0.711	-0.258
5:	0.344	-0.084
6:	0.325	0.566
7:	-0.391	0.178
8:	-0.607	0.307
9:	-0.607	0.911
10:	-0.612	1.013

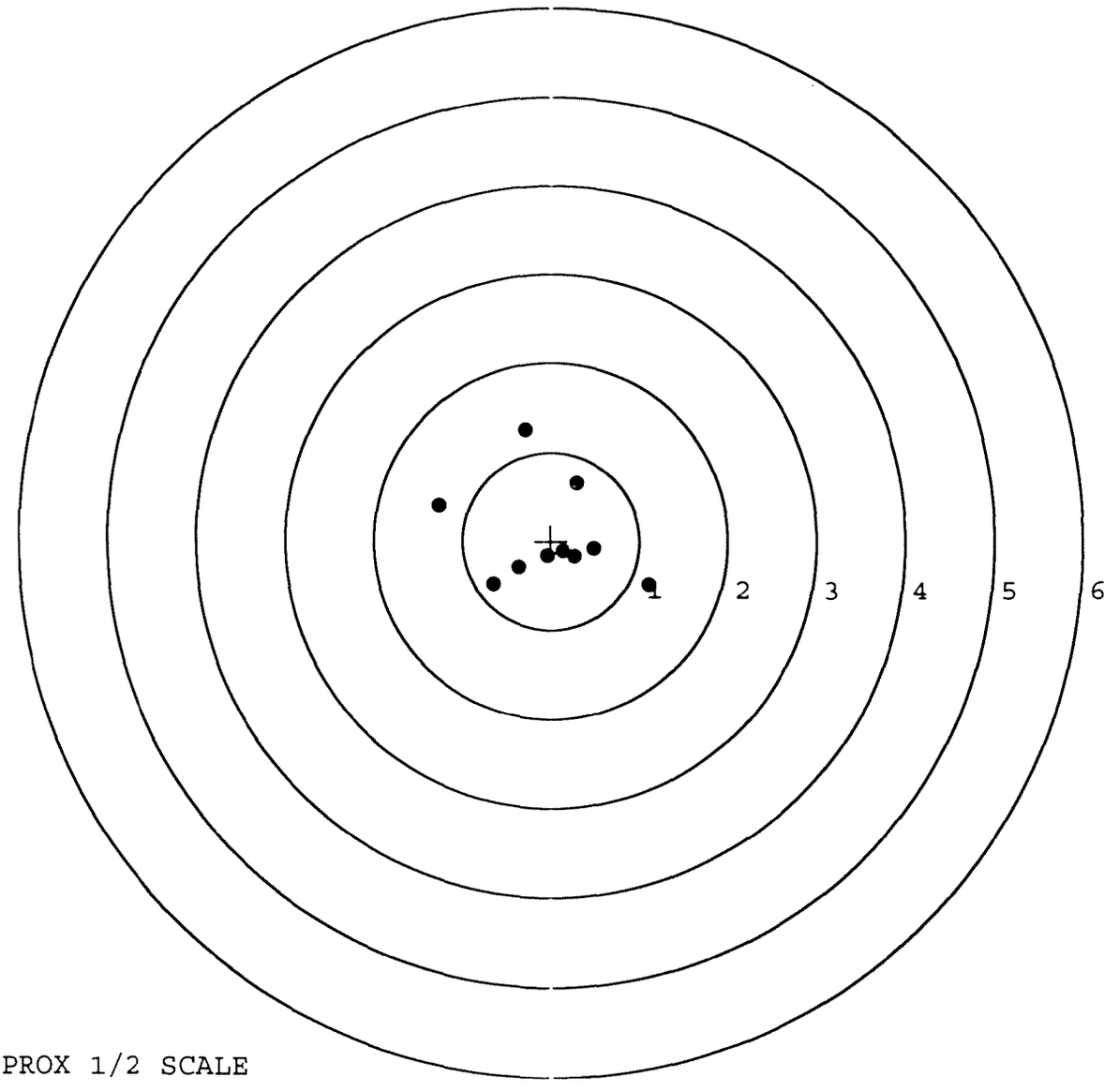


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587533.__0
TARGET NUMBER: 4
FILE DATE: 09/04/2008
FILE TIME: 12:16

X CENTROID:	-0.035
Y CENTROID:	0.045
POA TO CENTROID:	0.057
HORZ SPREAD:	2.373
VERT SPREAD:	1.746
GROUP SPREAD:	2.535
MIN RADIUS:	0.212
MAX RADIUS:	1.286
MEAN RADIUS:	0.714
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.656	-0.493
2:	-0.370	-0.306
3:	-0.045	-0.167
4:	0.273	-0.178
5:	0.487	-0.089
6:	1.101	-0.496
7:	0.297	0.650
8:	-0.299	1.250
9:	0.137	-0.118
10:	-1.272	0.396

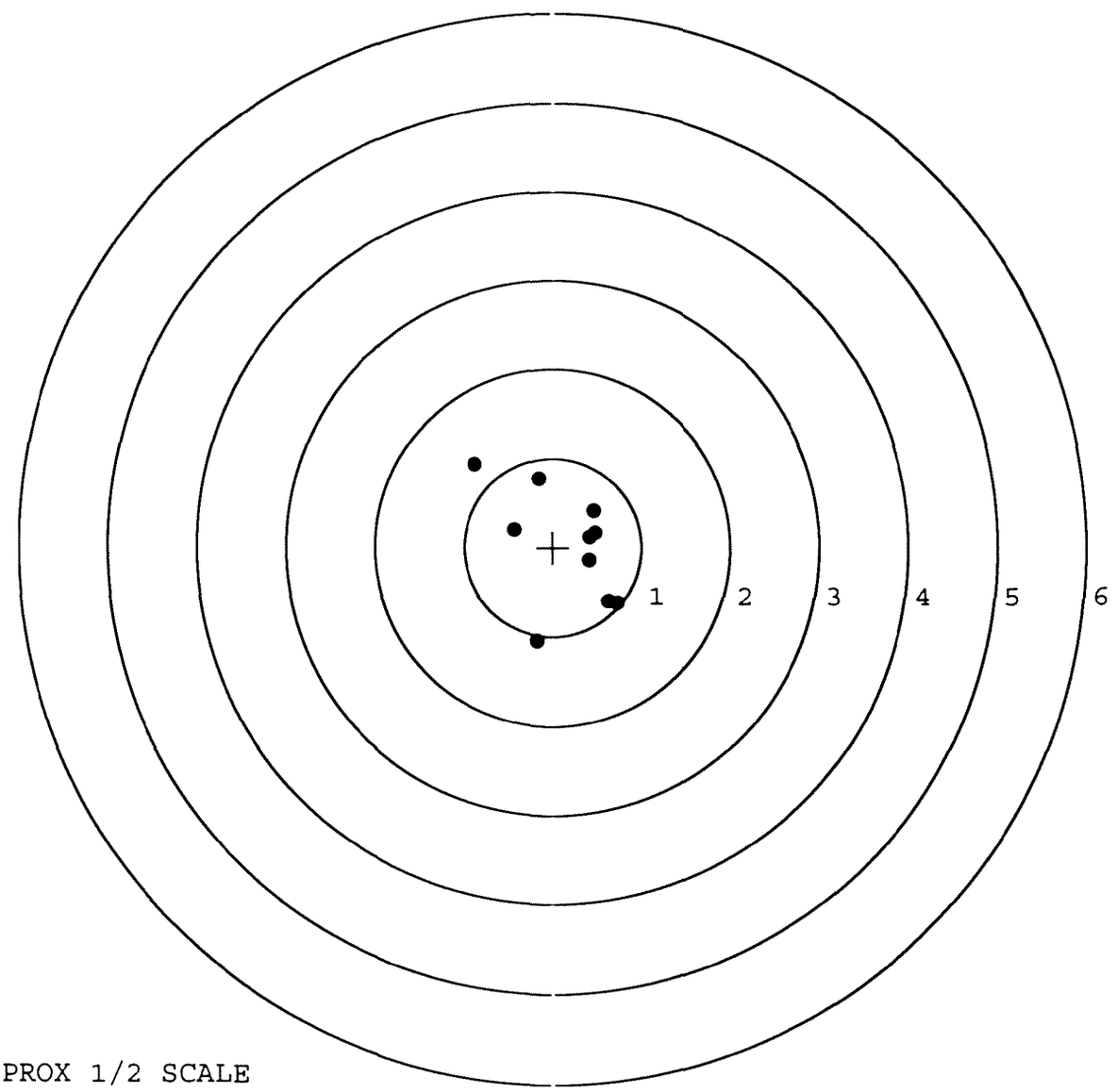


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587533.__0
TARGET NUMBER: 5
FILE DATE: 09/04/2008
FILE TIME: 12:16

X CENTROID:	0.151
Y CENTROID:	0.015
POA TO CENTROID:	0.151
HORZ SPREAD:	1.617
VERT SPREAD:	1.986
GROUP SPREAD:	2.248
MIN RADIUS:	0.292
MAX RADIUS:	1.381
MEAN RADIUS:	0.707
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.178	-1.054
2:	0.735	-0.630
3:	0.635	-0.610
4:	0.415	-0.147
5:	0.425	0.115
6:	0.480	0.162
7:	0.472	0.412
8:	-0.160	0.770
9:	-0.437	0.198
10:	-0.882	0.932



TARGET APPROX 1/2 SCALE

RECEIVING AND ESTIMATING REPORT

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

ORDER R 94-18329

INITIAL	CUSTOMER ORDER NO.
FDC	DAAA09-92-C-0834

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
06/11/94	06/11/94		C6587533		700 7.62 NATO

ACCESSORIES: SLING STRAP HARD CASE SCOPE MNTS SCOPE BASE

90-0362

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		COMMENTS
Trigger Assy	173.71	
Scope Rep	119.43	
Clean/Insp/Prep	50.00	
	343.14	

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
			AC	AC	
GALLERY TESTER	DATE	DATE	DATE 11/1/95	DATE 11/1/95	DATE

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. C6587533
DATE 10-20-95
TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.33	2.33	2.38		MIN. SETTING,
PULL #2	2.33	2.34	2.45		NO AVG. OF 5
PULL #3	2.37	2.37	2.42		READINGS ACCEPT-
PULL #4	2.50	2.38	2.40		ABLE LESS THAN 2#
PULL #5	2.49	2.41	2.46		
TOTAL	12.02	11.83	12.11		
AVG.	2.40	2.36	2.42		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.07	3.17		
PULL #2	3.08	3.22		
PULL #3	3.07	3.05		
PULL #4	3.05	3.25		
PULL #5	3.09	3.14		
TOTAL	15.36	15.83		
AVG.	3.07	3.16		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.09	4.00	4.00	
PULL #2	4.08	3.90	3.96	
PULL #3	4.00	3.97	3.96	
PULL #4	4.07	3.95	3.91	
PULL #5	4.02	3.94	3.95	
TOTAL	20.26	~~19.98~~ 19.76	19.78	
AVG.	4.05	3.95	3.95	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C-6587533

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	3.5	3.5	4.0			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	2.07	3.54	2.66	2.65	2.63	12-2-95	DA
	C) Function							
660	Pack							

Remington®

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

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

MODEL 700™ M24

SERIAL NO.
C6587533

ORDER NO.
5716

01

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

5716 C6587533

UPC

0 47700 25716 7

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6587533

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/22/90	KJ
600	Proof		10/22/90	KJ
607	Check Headspace		10/22/90	KJ
610	Dis-assemble Gun		10/22/90	KJ
612	Magnaflux Barrel Action		10/24/90	KR
	Magnaflux Bolt		"	KR
615	Rollmark Caliber		"	RR
617	Drill and Tap Sight Holes		10/25/90	RB
618	Polish Barrel RB		10/26/90	RB
620	Apply Coatings (Barrel Action)		11-7-90	
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/8/90	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/8/90	KS
	C) Inspect Ejector Hole for Chamfer		11/8/90	KS
	D) Oil Firing Pin Ass'y		11/8/90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		11-14-90	

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	6	6	6	11/15/90	WB
	G) Safety Off Force	7 1/2	7 1/2	7 1/2	11/15/90	WB
	H) Trigger Pull Test & Retainability				11-14-90	DH
	I) Firing Pin Indent	.071	.0715	.021	11/15/90	WB
	J) Assemble Stock				11/15/90	KS
	K) Assemble Swivel Studs				11-20-90	DH
	L) Attach Front and Rear Sight Assemblies				11/15/90	KS
	M) Iron Sight Alignment				11/15/90	KS
	N) Detach Front & Rear Sights & place in numbered container				11/15/90	KS
	O) Attach Scope to Rifle				11/15/90	KS
	P) Detach & Attach Scope 20 Times				11/15/90	KS
640	Gallery Target & Test				11/16/90	AF
	A) Time				"	AF
	B) Malfunctions				"	AF
	C) Pierced Primers				"	AF
	D) Optical Clearity of Scope				"	AF
645	Inspect for Live Ammo				11/16/90	AF
655	Final Inspection A) Headspace				11-20-90	DH
	B) Trigger Pull	2.91	2.61	2.71	2.78	2.73	11-20-90	DH
	C) Function				11-20-90	DH
660	Pack				12/14/90	AF

SWS TRIGGER PULL TEST

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

SERIAL NO. C6587533

DATE 11-14-90

TESTER JH.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.46	2.36	2.50	29	MIN. SETTING,
PULL #2	2.15	2.49	2.23	26	NO AVG. OF 5
PULL #3	2.22	2.34	2.13	21	READINGS ACCEPT-
PULL #4	2.32	2.34	2.19	28	ABLE LESS THAN 2#
PULL #5	2.29	2.47	2.35	27	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.15	3.20		
PULL #2	3.22	3.22		
PULL #3	3.49	3.50		
PULL #4	3.14	3.31		
PULL #5	3.12	3.37		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.16	4.41		4.50
PULL #2	4.27	4.35		4.46
PULL #3	4.13	4.19		4.49
PULL #4	4.21	4.21		4.50
PULL #5	4.24	4.32		4.40
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587533
17 Nov 1990

CENTROIDAL DISTANCES

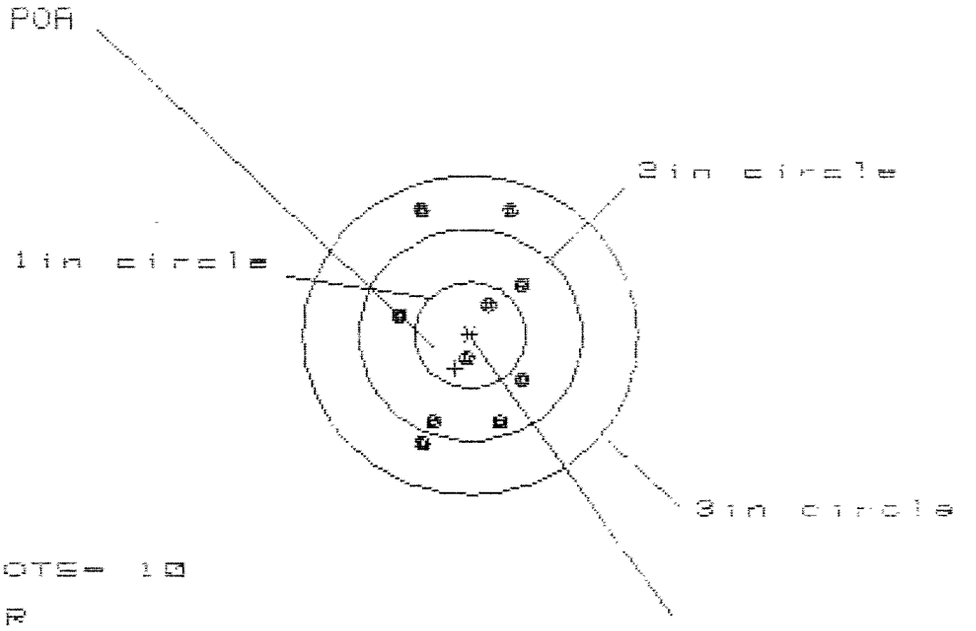
0	TO	1	.344942
1	TO	2	.365049
1	TO	3	.188404
1	TO	4	.540068
1	TO	5	.145279

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1288
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1366
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .187747

THE AMR FOR THIS RIFLE IS: .8582

17 Nov 1998 FILE:/PATTERNING/CENTERFIRE_PATT/C0397553.1

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

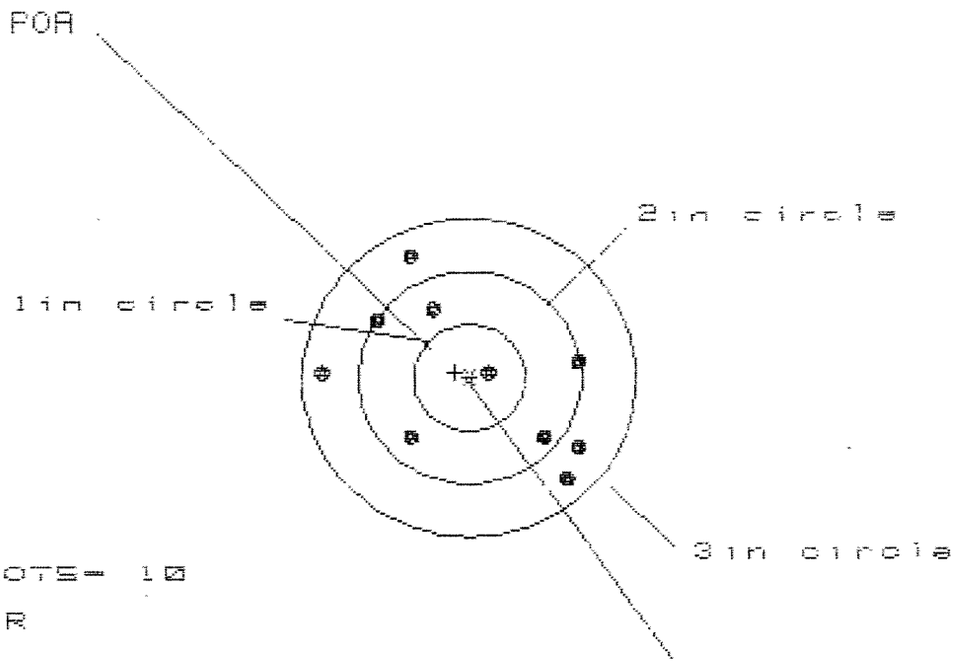
# IN CIR
1in = 2
2in = 7
3in = 10

HS= 1.118
VS= 2.182
GS= 2.302

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.498	.456	.494
MINIMUM X	:	-.619	-.662	-.624
MAXIMUM Y	:	1.134	1.260	.770
MINIMUM Y	:	-1.048	-.922	-.764
CENTROID X	:	.136	.178	.140
CENTROID Y	:	.317	.191	.034
POA TO CENTROID in.	:	.345	.261	.144
MIN RADIUS	:	.179	.106	.126
MEAN RADIUS	:	.776	.713	.629
MAX RADIUS	:	1.198	1.296	.905
HORIZONTAL SPREAD	:	1.118	1.118	1.118
VERTICAL SPREAD	:	2.182	2.182	1.534
EXTREME SPREAD	:	2.302	2.302	1.763
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	7		
NUMBER IN THREE INCH CIRCLE	=	10		

17 Nov 1998 FILE:/PATTERNING/CENTERFIRE_PATT/CG5587538.1

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

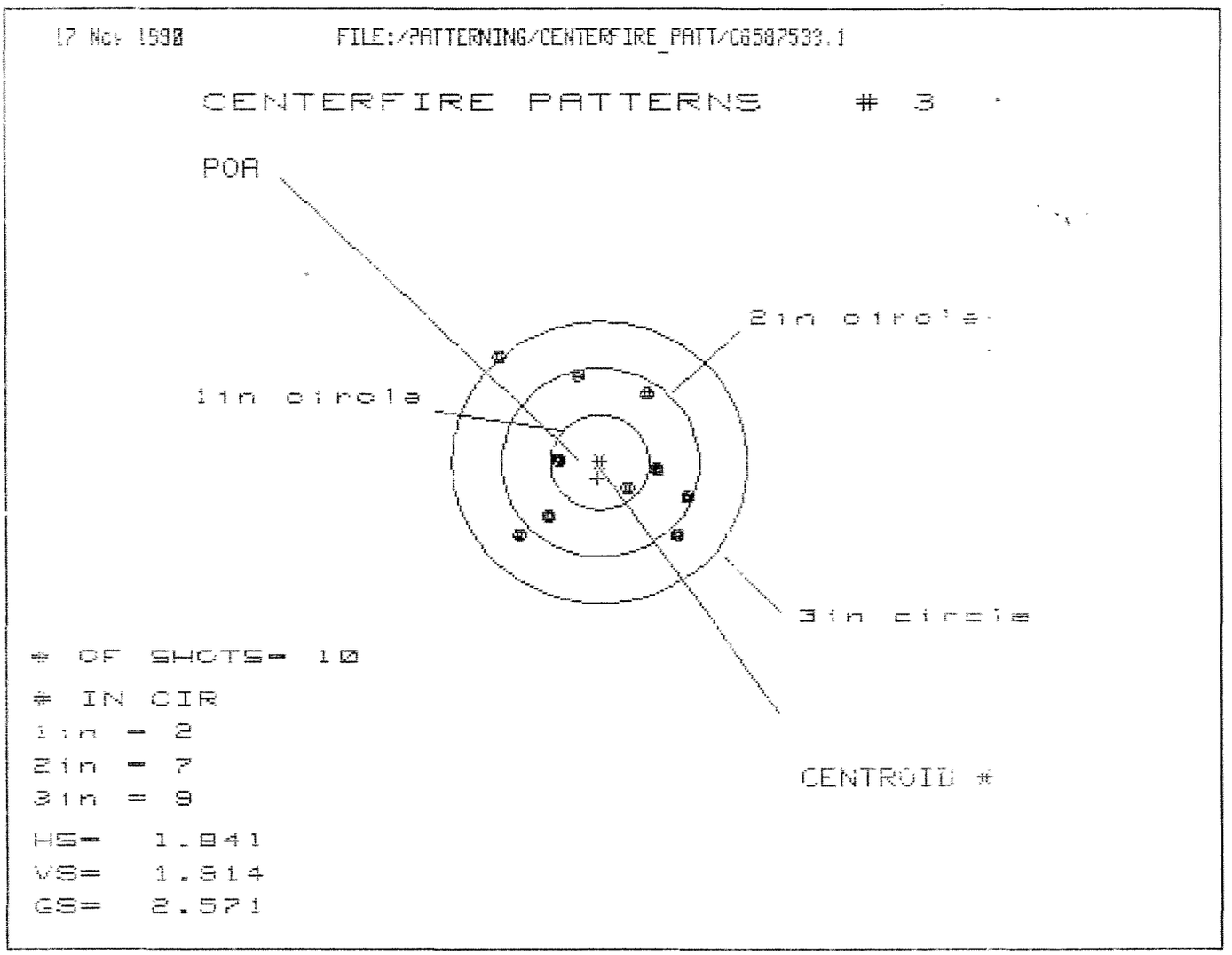
# IN CIR
1in = 1
2in = 6
3in = 10

HS= 2.278
VS= 2.070
GS= 2.495

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.969	1.068	.917
MINIMUM X	:	-1.309	-1.210	-.862
MAXIMUM Y	:	1.105	.997	.992
MINIMUM Y	:	-.965	-.725	-.730
CENTROID X	:	.130	.031	.182
CENTROID Y	:	-.048	.060	.065
POA TO CENTROID in.	:	.138	.067	.193
MIN RADIUS	:	.157	.229	.080
MEAN RADIUS	:	.941	.893	.833
MAX RADIUS	:	1.312	1.254	1.138
HORIZONTAL SPREAD	:	2.278	2.278	1.779
VERTICAL SPREAD	:	2.070	1.722	1.722
EXTREME SPREAD	:	2.495	2.336	2.238
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	

NUMBER IN THREE INCH CIRCLE = 10

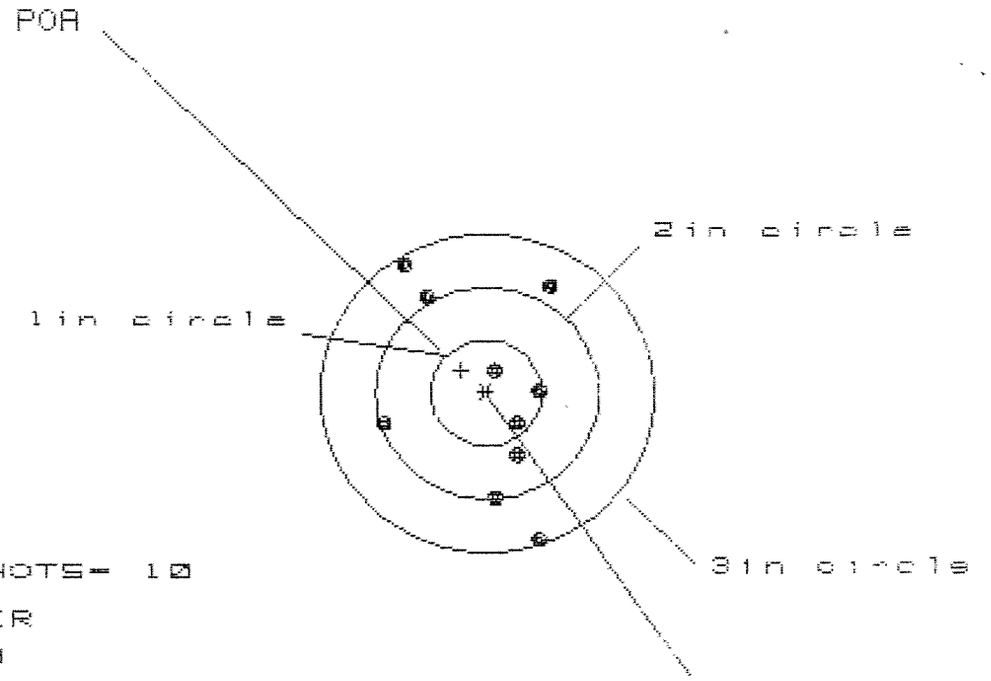
17 Nov 1998 FILE:/PATTERNING/CENTERFIRE_PATT/C6507533.1



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.834	.723	.612
MINIMUM X	:	-1.006	-.883	-.723
MAXIMUM Y	:	1.122	1.046	.962
MINIMUM Y	:	-.792	-.667	-.686
CENTROID X	:	.022	.133	.244
CENTROID Y	:	.167	.042	.126
POA TO CENTROID in.	:	.168	.140	.274
MIN RADIUS	:	.386	.223	.270
MEAN RADIUS	:	.851	.750	.695
MAX RADIUS	:	1.507	1.107	1.067
HORIZONTAL SPREAD	:	1.841	1.606	1.335
VERTICAL SPREAD	:	1.914	1.713	1.648
EXTREME SPREAD	:	2.571	2.002	1.937
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

17 Nov 1998 FILE:/PATTERNING/CENTERFIRE_PATT/C6587533.1

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

# IN CIR	
1in	3
2in	5
3in	10

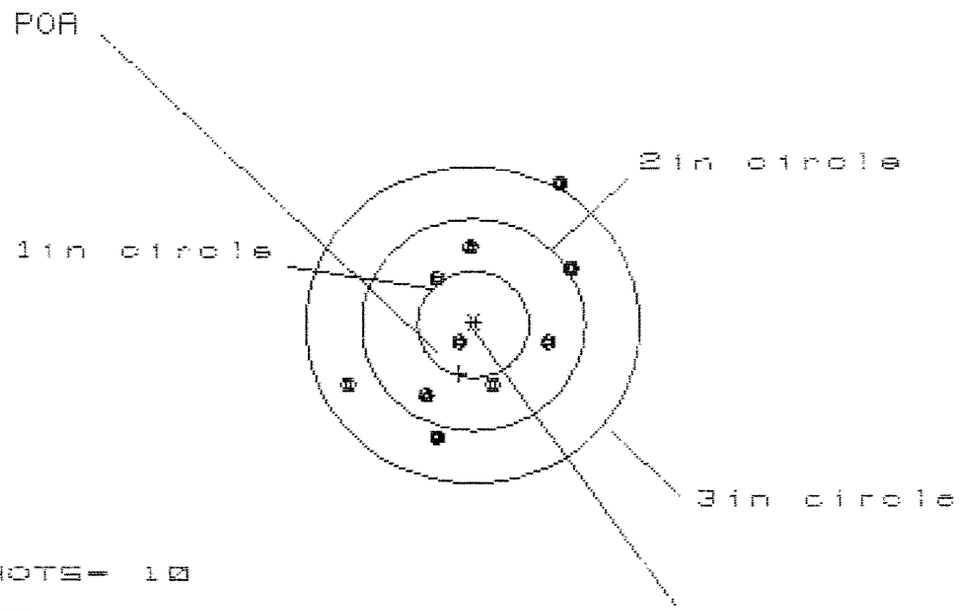
HS= 1.444
VS= 2.590
GS= 2.850

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	9
MAXIMUM X	:	.562	.610	.523
MINIMUM X	:	-.882	-.834	-.921
MAXIMUM Y	:	1.198	1.044	1.009
MINIMUM Y	:	-1.392	-1.099	-.969
CENTROID X	:	.229	.181	.268
CENTROID Y	:	-.215	-.061	-.191
POA TO CENTROID in.	:	.314	.190	.329
MIN RADIUS	:	.248	.137	.218
MEAN RADIUS	:	.864	.799	.715
MAX RADIUS	:	1.459	1.257	1.136
HORIZONTAL SPREAD	:	1.444	1.444	1.444
VERTICAL SPREAD	:	2.590	2.143	1.978
EXTREME SPREAD	:	2.850	2.305	2.031

NUMBER IN ONE INCH CIRCLE = 3
NUMBER IN TWO INCH CIRCLE = 6
NUMBER IN THREE INCH CIRCLE = 10

17 Nov 1998 FILE:/PATTERNING/CENTERFIRE_PATT/C8587533.1

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

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

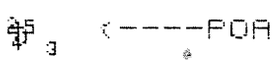
HS= 2.065
VS= 2.408
GS= 2.701

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.900	.985	.850
MINIMUM X	-1.165	-1.080	-.465
MAXIMUM Y	1.369	.933	.887
MINIMUM Y	-1.039	-.887	-.933
CENTROID X	.127	.042	.177
CENTROID Y	.462	.310	.357
POA TO CENTROID in.	.479	.313	.398
MIN RADIUS	.237	.065	.204
MEAN RADIUS	.859	.747	.705
MAX RADIUS	1.566	1.222	1.087
HORIZONTAL SPREAD	2.065	2.065	1.315
VERTICAL SPREAD	2.408	1.820	1.820
EXTREME SPREAD	2.701	2.339	2.045
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587533
17 Nov 1990

CENTROIDAL DISTANCES

Ø	TO	1	.181739
1	TO	2	.294966
1	TO	3	.5528
1	TO	4	.178404
1	TO	5	.220118

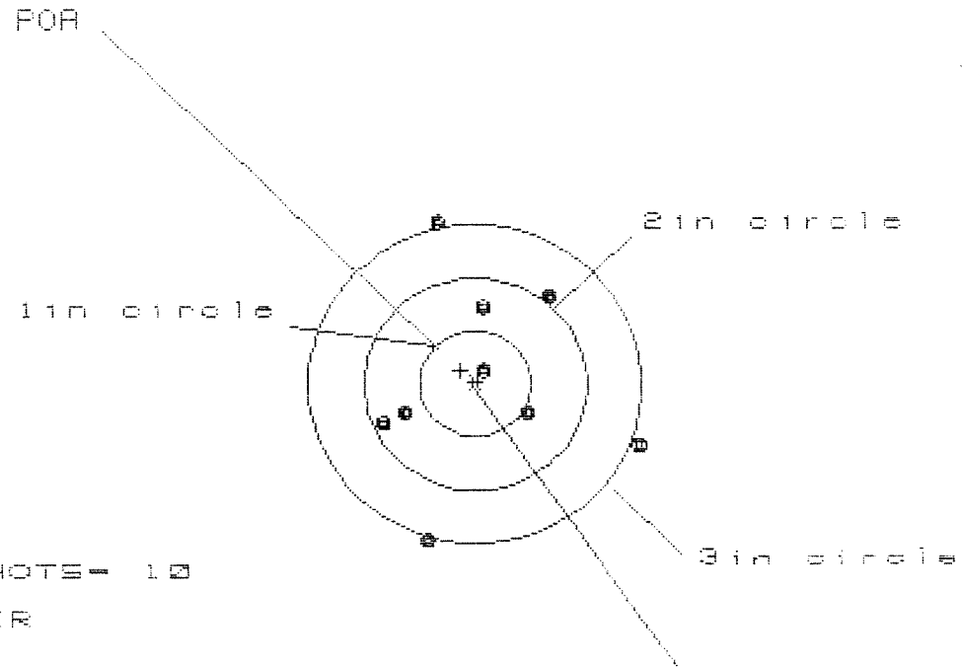


THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1812
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1128
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .213442

THE AMR FOR THIS RIFLE IS: 1.387

17 Nov 1998 FILE:/PATTERNING/CENTERFIRE_PATT/C6587533

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

# IN CIR
1in = 1
2in = 6
3in = 7

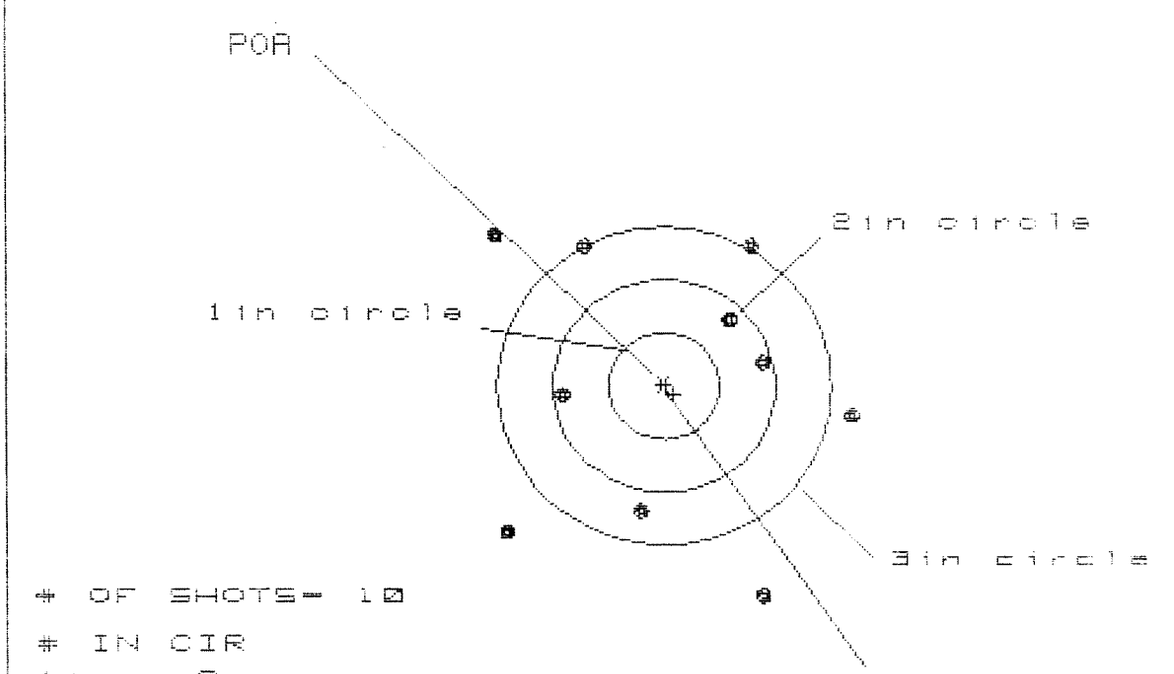
HS= 2.268
VS= 2.984
GS= 2.986

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.473	.853	.820
MINIMUM X	:	-.795	-.632	-.665
MAXIMUM Y	:	1.505	1.437	1.244
MINIMUM Y	:	-1.479	-1.547	-.605
CENTROID X	:	.130	-.033	.000
CENTROID Y	:	-.127	-.059	.134
POA TO CENTROID in.	:	.182	.068	.134
MIN RADIUS	:	.196	.295	.269
MEAN RADIUS	:	.946	.863	.772
MAX RADIUS	:	1.595	1.570	1.257
HORIZONTAL SPREAD	:	2.268	1.485	1.485
VERTICAL SPREAD	:	2.984	2.984	1.849
EXTREME SPREAD	:	2.986	2.986	1.922

NUMBER IN ONE INCH CIRCLE = 1
NUMBER IN TWO INCH CIRCLE = 6
NUMBER IN THREE INCH CIRCLE = 7

17 Nov 1998 FILE:/PATTERNING/CENTERFIRE_PATT/06587533

CENTERFIRE PATTERNS # 2

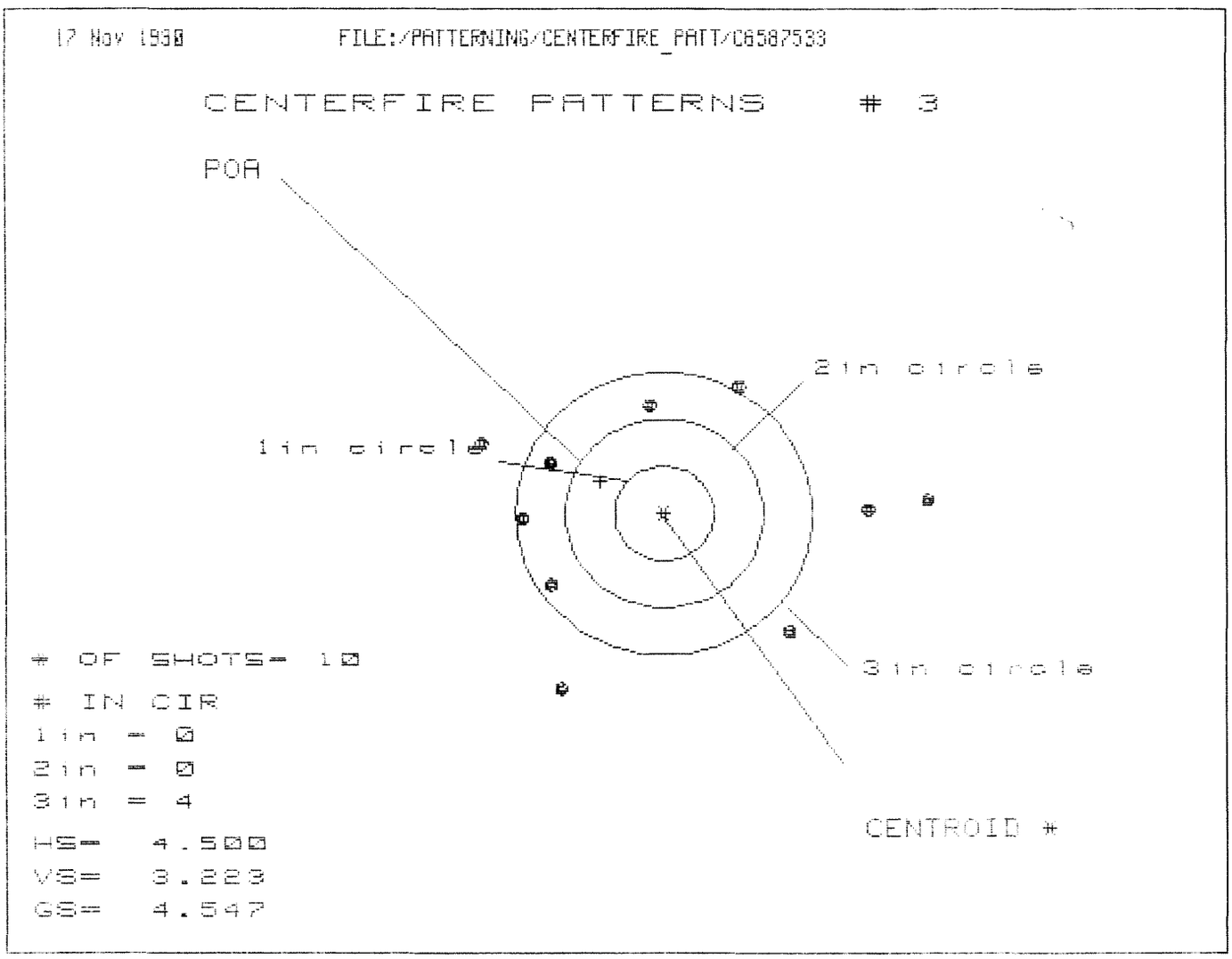


OF SHOTS= 10

# IN CIR
1in = 0
2in = 3
3in = 5

HS= 3.180
VS= 3.451
GS= 4.191

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.664	1.760	1.583
MINIMUM X	:	-1.516	-1.420	-1.472
MAXIMUM Y	:	1.454	1.232	1.238
MINIMUM Y	:	-1.997	-1.637	-1.482
CENTROID X	:	-.084	-.180	-.003
CENTROID Y	:	.076	.298	.143
POA TO CENTROID in.	:	.113	.348	.144
MIN RADIUS	:	.853	.773	.749
MEAN RADIUS	:	1.485	1.388	1.309
MAX RADIUS	:	2.175	2.087	2.089
HORIZONTAL SPREAD	:	3.180	3.180	3.055
VERTICAL SPREAD	:	3.451	2.869	2.721
EXTREME SPREAD	:	4.191	3.597	3.491
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		5	



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.652	2.329	2.231
MINIMUM X	:	-1.848	-1.553	-1.651
MAXIMUM Y	:	1.322	1.336	1.100
MINIMUM Y	:	-1.901	-1.887	-1.489
CENTROID X	:	.638	.343	.441
CENTROID Y	:	-.345	-.359	-.123
POA TO CENTROID in.	:	.725	.497	.458
MIN RADIUS	:	1.134	1.002	.906
MEAN RADIUS	:	1.737	1.581	1.504
MAX RADIUS	:	2.655	2.331	2.234
HORIZONTAL SPREAD	:	4.500	3.882	3.882
VERTICAL SPREAD	:	3.223	3.223	2.589
EXTREME SPREAD	:	4.547	3.942	3.942
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		0	
NUMBER IN THREE INCH CIRCLE	=		4	

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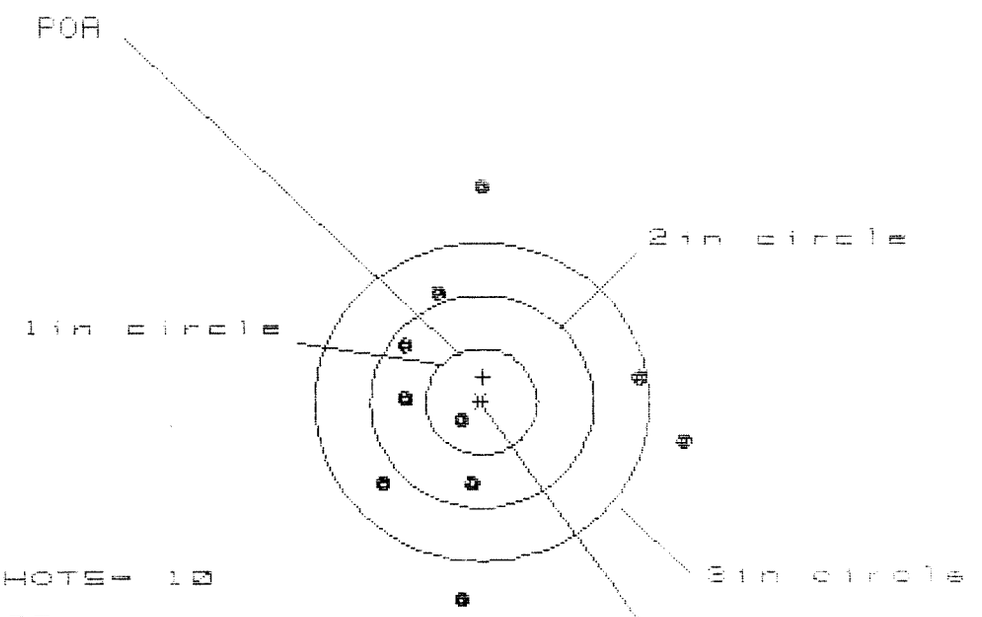
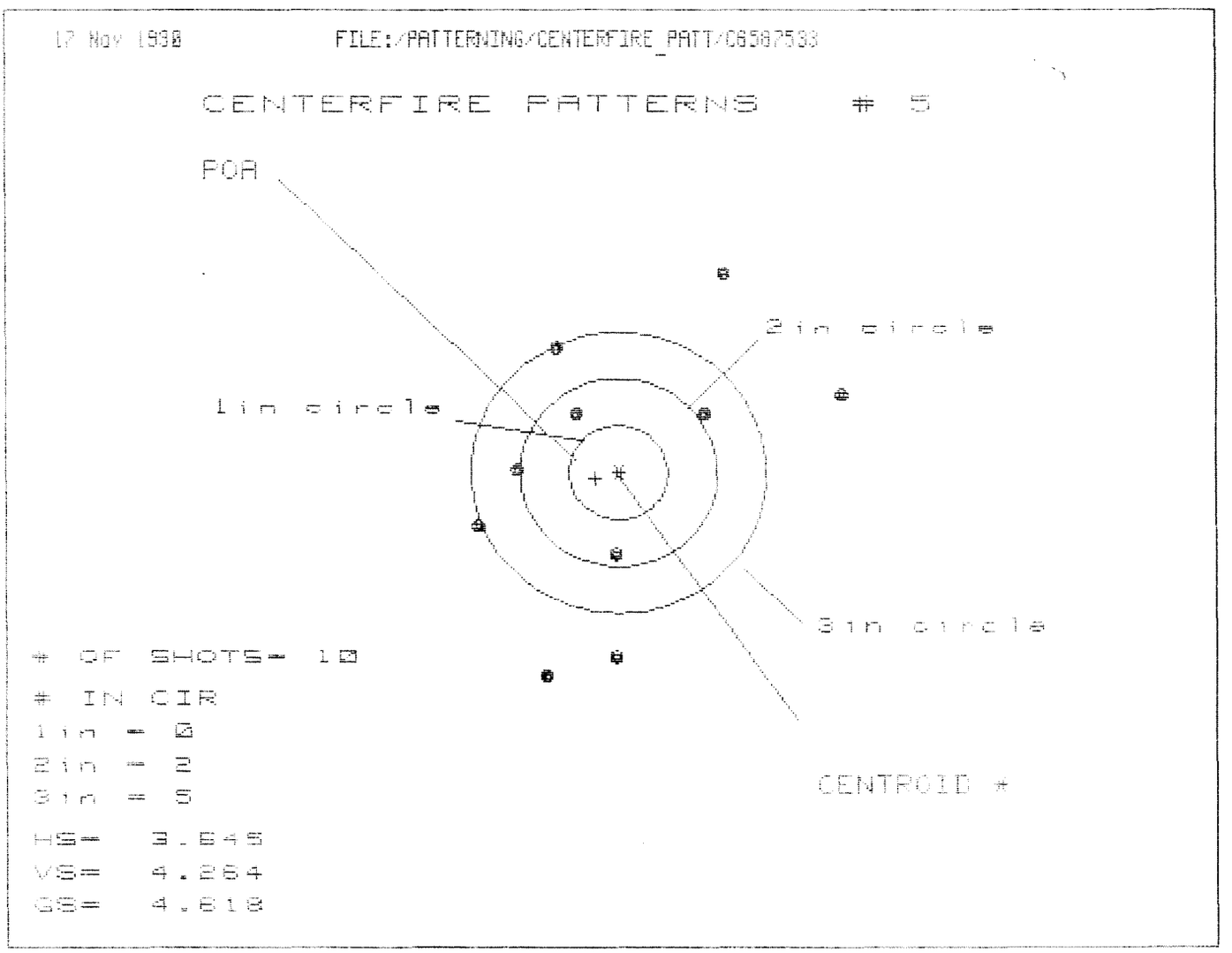
CENTERFIRE PATTERNS # 4



# OF SHOTS= 10
# IN CIR
1in = 1
2in = 4
3in = 7
HS= 2.727
VS= 3.888
GS= 3.893

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.831	1.828	1.800
MINIMUM X	:	-.897	-.899	-.926
MAXIMUM Y	:	2.024	1.243	1.038
MINIMUM Y	:	-1.864	-1.639	-.709
CENTROID X	:	-.012	-.010	.018
CENTROID Y	:	-.235	-.460	-.255
POA TO CENTROID in.	:	.235	.460	.255
MIN RADIUS	:	.280	.210	.291
MEAN RADIUS	:	1.199	1.084	1.016
MAX RADIUS	:	2.024	1.831	1.825
HORIZONTAL SPREAD	:	2.727	2.727	2.727
VERTICAL SPREAD	:	3.888	2.882	1.747
EXTREME SPREAD	:	3.893	2.887	2.758
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.243	1.324	1.271
MINIMUM X	:	-1.402	-1.152	-.987
MAXIMUM Y	:	2.099	2.189	1.705
MINIMUM Y	:	-2.165	-2.075	-1.802
CENTROID X	:	.234	-.016	-.181
CENTROID Y	:	.067	-.023	-.296
POA TO CENTROID in.	:	.243	.027	.347
MIN RADIUS	:	.768	.766	.642
MEAN RADIUS	:	1.566	1.438	1.269
MAX RADIUS	:	2.385	2.558	1.624
HORIZONTAL SPREAD	:	3.645	2.476	2.258
VERTICAL SPREAD	:	4.264	4.264	3.507
EXTREME SPREAD	:	4.618	4.618	3.507
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		2	