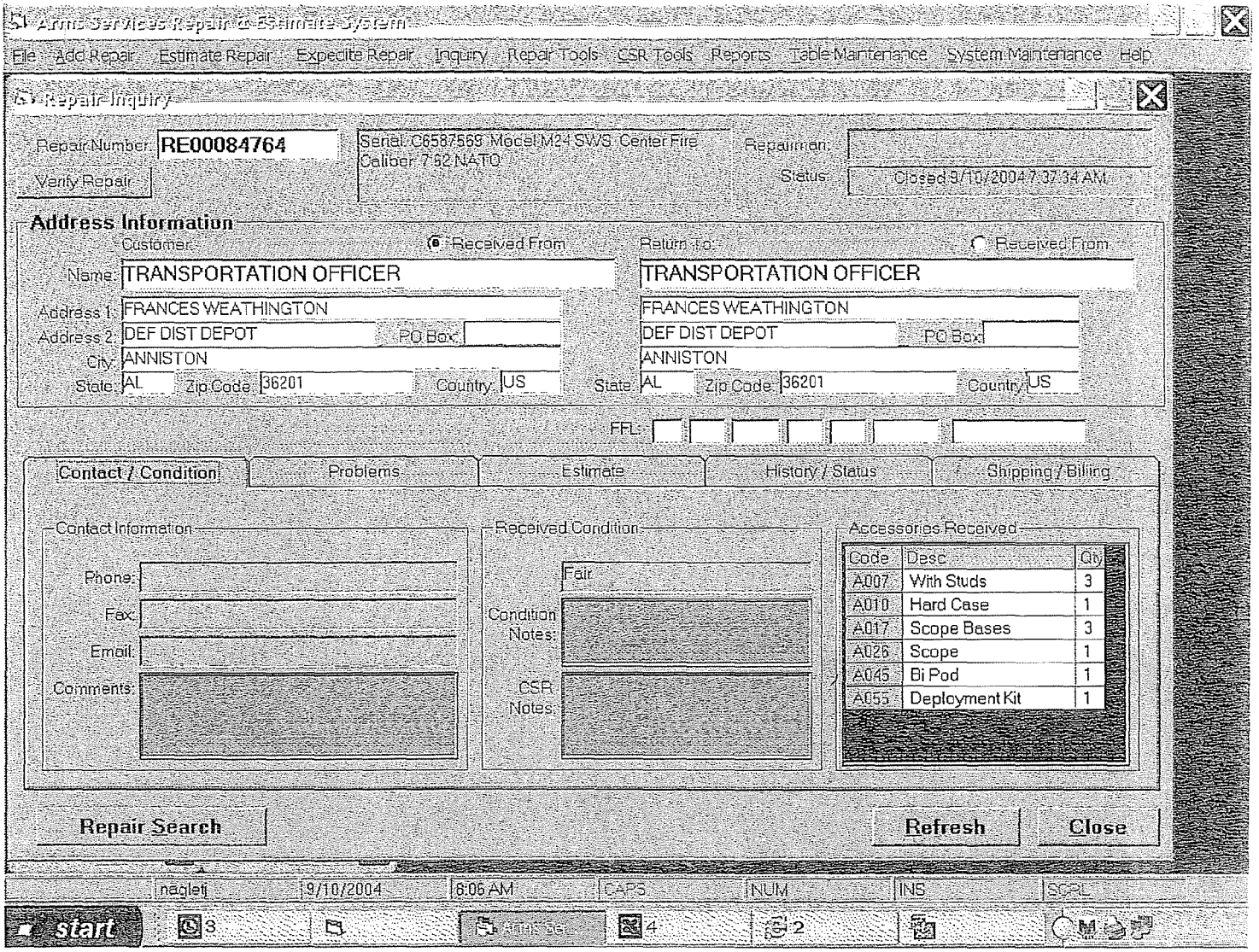
C6587569
MODEL 700 TM M24
Model 5WG TM
Action
Barrel Length
Capacity
Order No. 5716
*Includes 1 in chamber.
Remington


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: RE00084764
Verify Repair
Serial: C6587569 Model: M24 SWS Center Fire Caliber: 7.62 NATO
Repairman:
Status: Closed 9/10/2004 7:37:34 AM
Address Information
Customer
Received From
Name: TRANSPORTATION OFFICER
Address 1: FRANCES WEATHINGTON
Address 2: DEF DIST DEPOT
PO Box:
City: ANNISTON
State: AL
Zip Code: 36201
Country: US
Return to:
Received From
TRANSPORTATION OFFICER
FRANCES WEATHINGTON
DEF DIST DEPOT
PO Box:
ANNISTON
State: AL
Zip Code: 36201
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 3
A010 Hard Case 1
A017 Scope Bases 3
A026 Scope 1
A045 Bi Pod 1
A055 Deployment Kit 1
Repair Search
Refresh
Close
nagletj
9/10/2004
8:06 AM
CAPS
NUM
INS
SCRL
start


Serial Number:
C6587569
Model: M24 SWS
RE00084764

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

R & E NUMBER	84764		
SERIAL NUMBER	C6587569		
LOG-IN DATE	9-10-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	9-13-04	RTL
560 A	RE-BARREL	9-22-04	RTL
B	DRILL AND TAP	9-22-04	TRW
575	ASSEMBLE	9-22-04	RTL
600	PROOF	9-23-04	RTL
605	CHECK HEADSPACE	9-23-04	RTL
610	DIS-ASSEMBLE GUN	9-23-04	RTL
612	MAGNAFLUX		
615	ROLLMARK CALIBER	9/24/04	
618	ROTO-BLAST	9/27	
620	APPLY COATINGS	9/28	
625 A	FINAL ASSEMBLY	10-4-04	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET 10-5-04	[illegible]	TRW
655	FINAL INSPECT	10-3-04	RTL
660	PACK	10-26-04	DA
		SHIP DATE	
	QAR INSPECTION DATE		

MAGNA-FLUX INSPECTED SEP 23 2004

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587569.__0
FILE DATE AND TIME: 10/05/2004 08:27

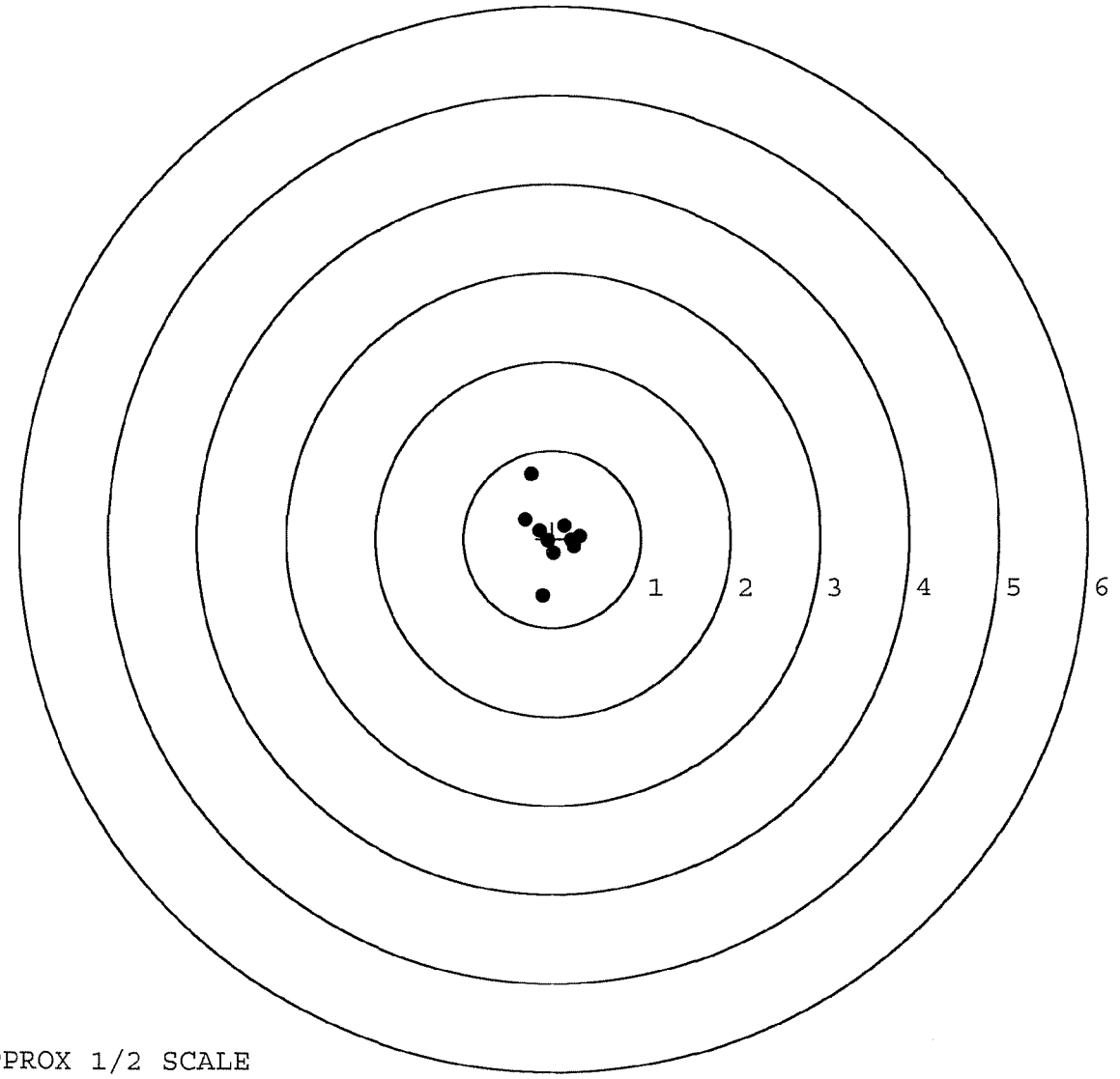
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.033
The Average Y Centroid of the Five Target Set:	-0.038
The Average Point of Impact of the Five Target Set:	0.051
The Average Mean Radius of the Five Target Set:	0.508
The Distance from POA to Centroid Target #1:	0.029
The Distance from Centroid Target #2 to Centroid Target #1:	0.066
The Distance from Centroid Target #3 to Centroid Target #1:	0.098
The Distance from Centroid Target #4 to Centroid Target #1:	0.150
The Distance from Centroid Target #5 to Centroid Target #1:	0.108

SERIAL NUMBER: C6587569.__0
TARGET NUMBER: 1
FILE DATE: 10/05/2004
FILE TIME: 08:27

X CENTROID:	0.009
Y CENTROID:	0.028
POA TO CENTROID:	0.029
HORZ SPREAD:	0.624
VERT SPREAD:	1.379
GROUP SPREAD:	1.386
MIN RADIUS:	0.076
MAX RADIUS:	0.748
MEAN RADIUS:	0.320
# IN 1 IN DIAMETER:	8
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.107	-0.648
2:	-0.245	0.731
3:	-0.306	0.217
4:	-0.146	0.090
5:	0.142	0.147
6:	0.318	0.033
7:	0.251	-0.090
8:	0.019	-0.162
9:	-0.047	-0.023
10:	0.216	-0.016

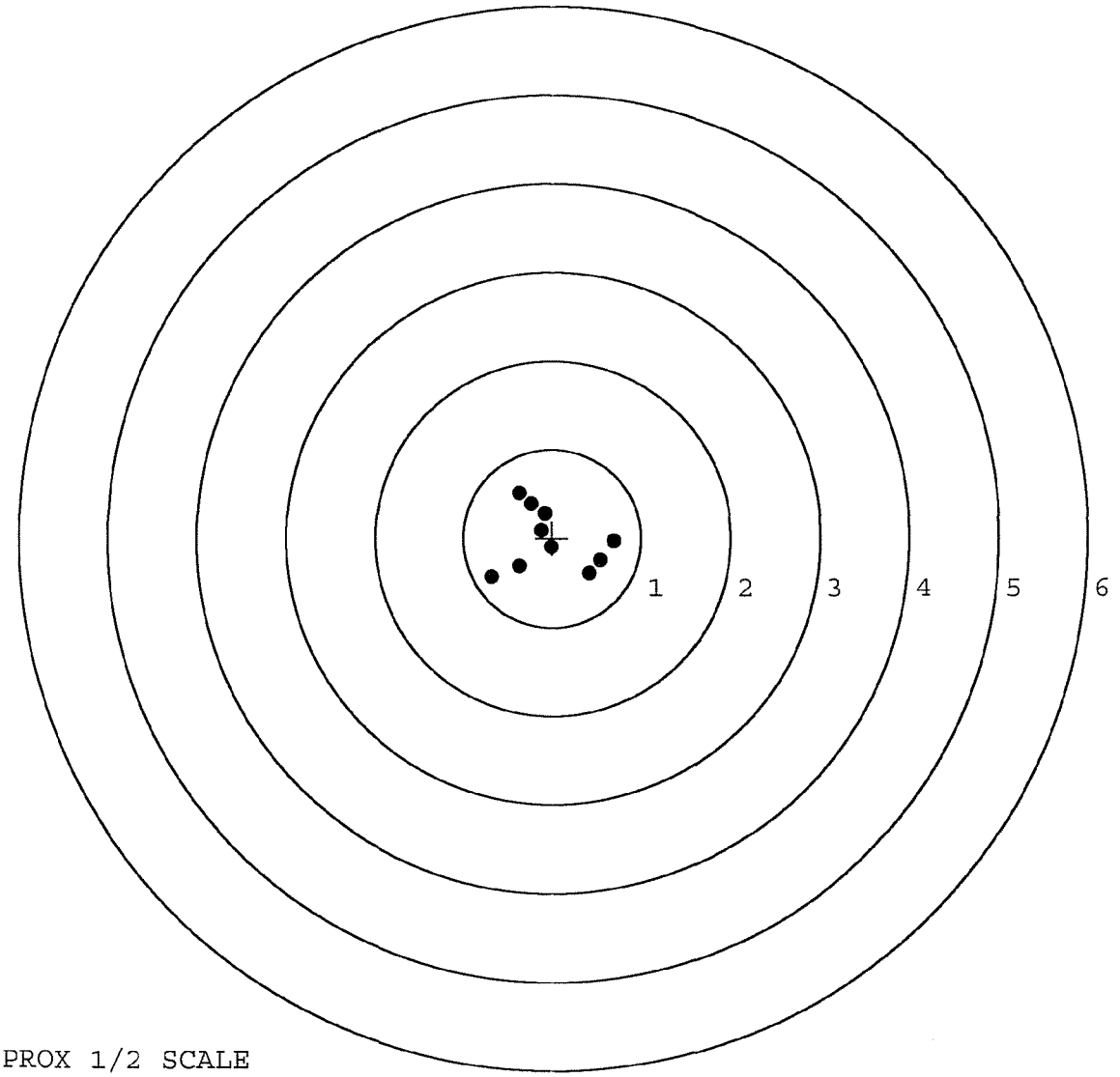


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587569.__0
TARGET NUMBER: 2
FILE DATE: 10/05/2004
FILE TIME: 08:27

X CENTROID:	-0.023
Y CENTROID:	-0.030
POA TO CENTROID:	0.037
HORZ SPREAD:	1.379
VERT SPREAD:	0.940
GROUP SPREAD:	1.436
MIN RADIUS:	0.074
MAX RADIUS:	0.778
MEAN RADIUS:	0.477
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.694	-0.036
2:	0.423	-0.398
3:	0.543	-0.249
4:	-0.376	0.502
5:	-0.241	0.383
6:	-0.087	0.274
7:	-0.685	-0.438
8:	-0.367	-0.316
9:	-0.010	-0.103
10:	-0.121	0.083

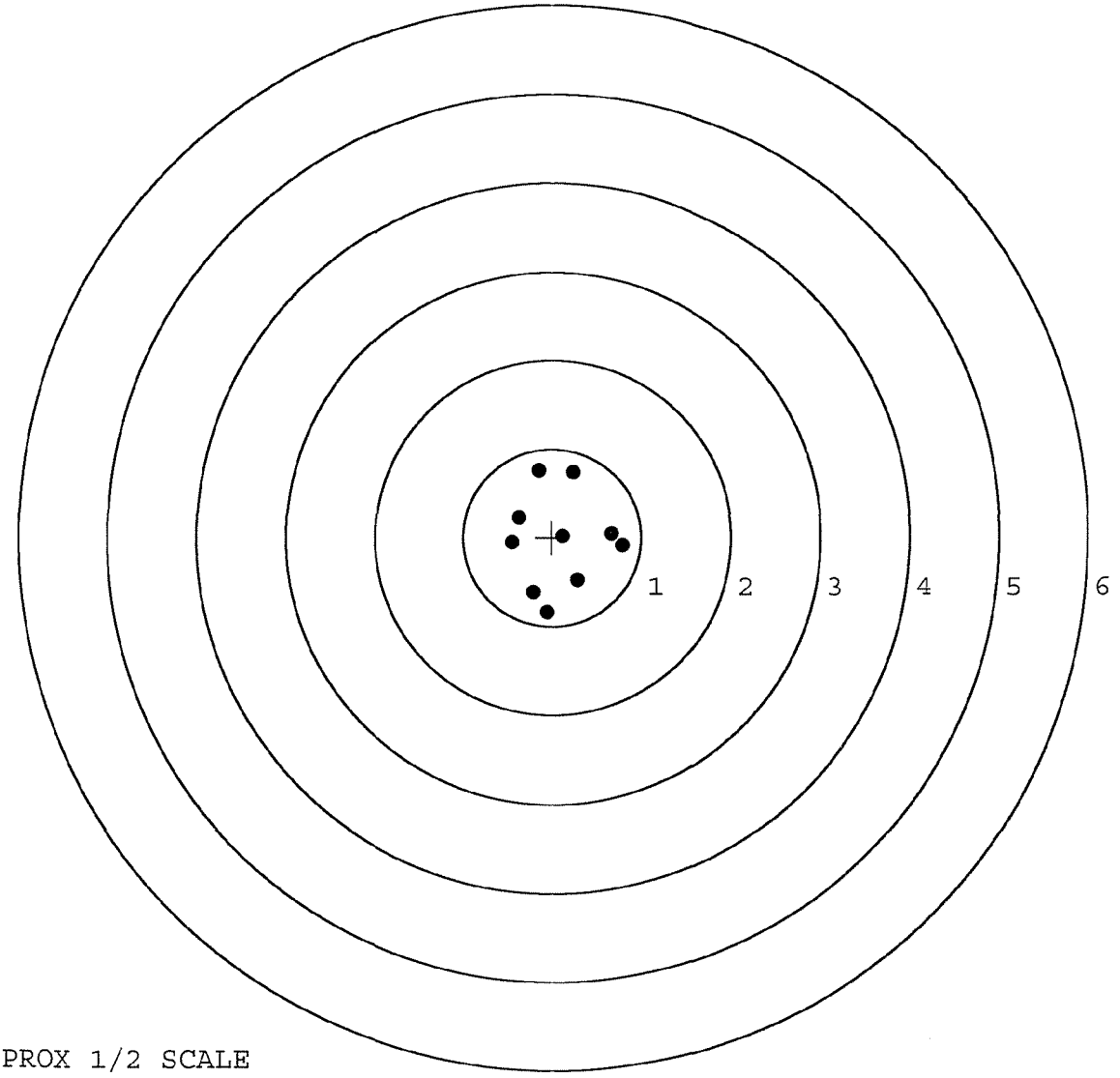


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587569.__0
TARGET NUMBER: 3
FILE DATE: 10/05/2004
FILE TIME: 08:27

X CENTROID:	0.086
Y CENTROID:	-0.034
POA TO CENTROID:	0.092
HORZ SPREAD:	1.238
VERT SPREAD:	1.609
GROUP SPREAD:	1.613
MIN RADIUS:	0.060
MAX RADIUS:	0.830
MEAN RADIUS:	0.601
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.059	-0.851
2:	-0.209	-0.620
3:	0.287	-0.483
4:	0.791	-0.097
5:	0.671	0.045
6:	0.121	0.015
7:	-0.447	-0.064
8:	-0.373	0.223
9:	0.235	0.735
10:	-0.160	0.758

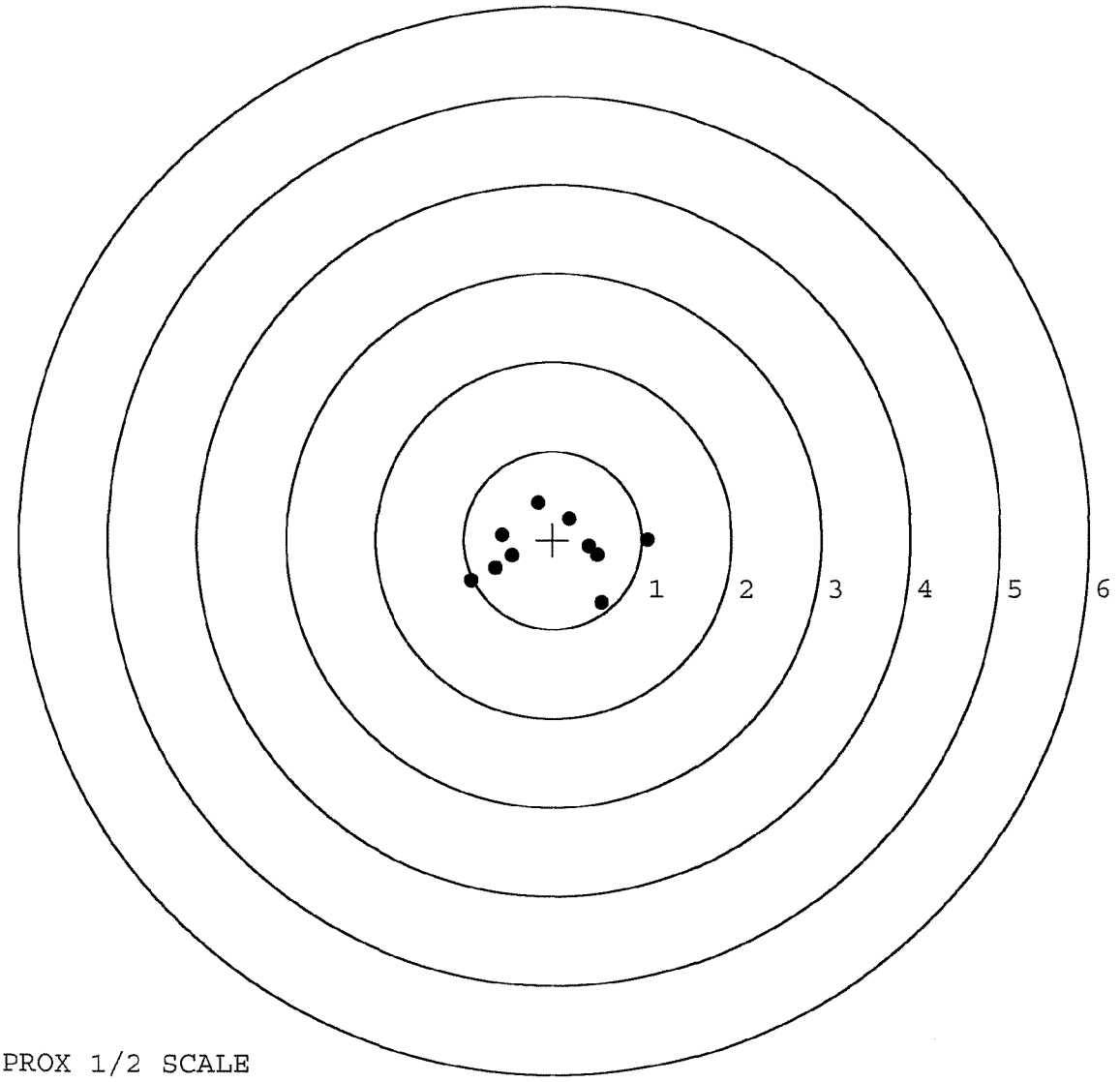


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587569.__0
TARGET NUMBER: 4
FILE DATE: 10/05/2004
FILE TIME: 08:27

X CENTROID:	-0.004
Y CENTROID:	-0.121
POA TO CENTROID:	0.121
HORZ SPREAD:	1.979
VERT SPREAD:	1.129
GROUP SPREAD:	2.033
MIN RADIUS:	0.407
MAX RADIUS:	1.072
MEAN RADIUS:	0.647
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.551	-0.710
2:	1.061	0.003
3:	0.502	-0.174
4:	0.411	-0.077
5:	0.189	0.237
6:	-0.173	0.419
7:	-0.569	0.057
8:	-0.456	-0.181
9:	-0.640	-0.326
10:	-0.918	-0.461

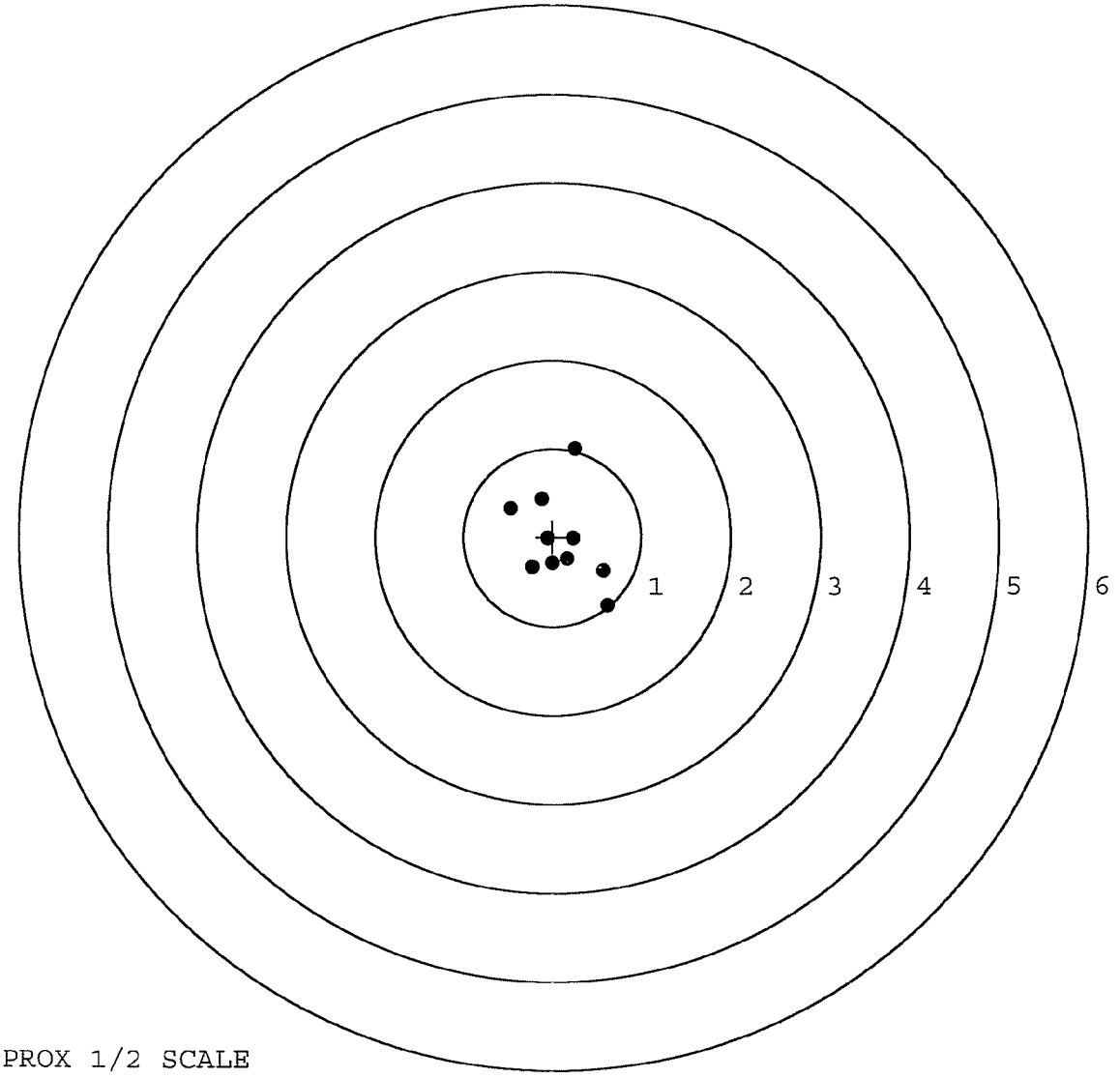


TARGET APPROX 1/2 SCALE

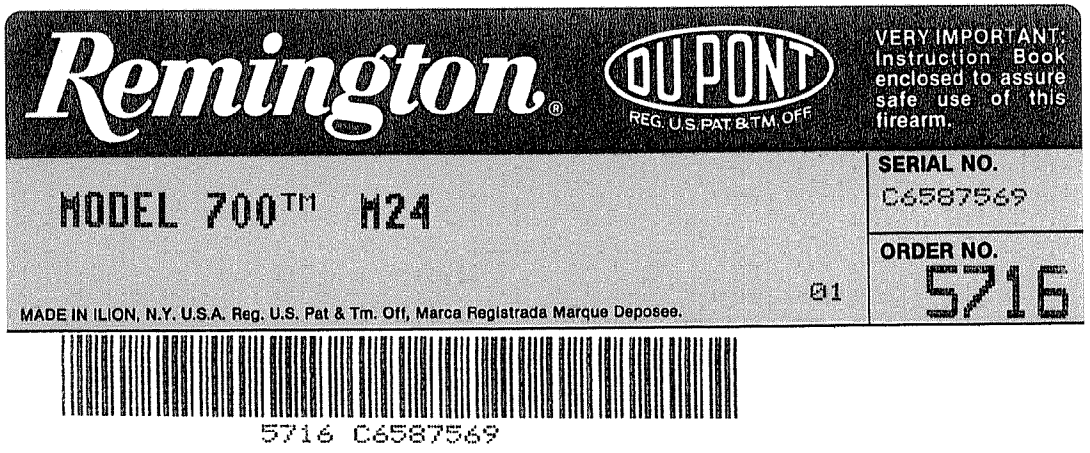
SERIAL NUMBER: C6587569.__0
TARGET NUMBER: 5
FILE DATE: 10/05/2004
FILE TIME: 08:27

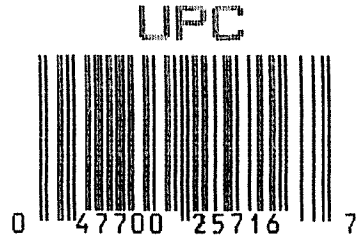
X CENTROID:	0.099
Y CENTROID:	-0.033
POA TO CENTROID:	0.104
HORZ SPREAD:	1.093
VERT SPREAD:	1.766
GROUP SPREAD:	1.804
MIN RADIUS:	0.136
MAX RADIUS:	1.041
MEAN RADIUS:	0.497
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.626	-0.770
2:	0.576	-0.385
3:	0.257	0.996
4:	-0.124	0.428
5:	-0.467	0.322
6:	0.234	-0.015
7:	-0.054	-0.014
8:	0.170	-0.250
9:	0.002	-0.298
10:	-0.231	-0.343



TARGET APPROX 1/2 SCALE





13 J QR

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6587569

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		1023 90	RW
600	Proof		1023 90	RW
607	Check Headspace		1023 90	RW
610	Dis-assemble Gun		1023 90	RW
612	Magnaflux Barrel Action		10/24/90	
	Magnaflux Bolt		11	KR
615	Rollmark Caliber		11	
617	Drill and Tap Sight Holes		10/24/90	
618	Polish Barrel RB		10/24/90	WB
620	Apply Coatings (Barrel Action)		11-7-90	
	Apply Coating (Bolt)		11-7-90	
625	Final Assembly A) Clean inside of Bolt Assembly		11/12/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/12/90	RW
	C) Inspect Ejector Hole for Chamfer		11/12/90	RW
	D) Oil Firing Pin Ass'y		11/12/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11/20/90	WB

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	4½	4½	4½	11/21/90	WB
	G) Safety Off Force	2	2	2	11/21/90	WB
	H) Trigger Pull Test & Retainability				11/20/90	WB
	I) Firing Pin Indent	.022	.023	.0225	11/21/90	WB
	J) Assemble Stock				11/29/90	RW
	K) Assemble Swivel Studs				12-4-90	GS
	L) Attach Front and Rear Sight Assemblies				11/29/90	RW
	M) Iron Sight Alignment				11/29/90	RW
	N) Detach Front & Rear Sights & place in numbered container				11/29/90	RW
	O) Attach Scope to Rifle				11/29/90	RW
	P) Detach & Attach Scope 20 Times				11/29/90	RW
640	Gallery Target & Test				12/1/90	JF
	A) Time				12/1/90	JF
	B) Malfunctions				"	JF
	C) Pierced Primers				"	JF
	D) Optical Clearity of Scope				"	JF
645	Inspect for Live Ammo				12/1/90	JF
65	Final Inspection A) Headspace				12-4-90	GS
	B) Trigger Pull	2.87	2.78	2.77 2.86 2.65	12-4-90	GS
	C) Function				12-4-90	GS
660	Pack				12/10/90	JF

SWS TRIGGER PULL TEST

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

SERIAL NO. C6587569
DATE 11/20/80
TESTER WS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.46	2.31	2.45	287	MIN. SETTING,
PULL #2	2.39	2.27	2.42	278	NO AVG. OF 5
PULL #3	2.40	2.32	2.39	277	READINGS ACCEPT-
PULL #4	2.35	2.29	2.42	286	ABLE LESS THAN 2#
PULL #5	2.34	2.31	2.45	265	
TOTAL	11.94	11.50	12.13		
AVG.	2.39	2.30	2.43		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.21	3.19		
PULL #2	3.16	3.16		
PULL #3	3.16	3.16		
PULL #4	3.16	3.15		
PULL #5	3.15	3.21		
TOTAL	15.84	15.87		
AVG.	3.17	3.17		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.18	4.17		4.22
PULL #2	4.23	4.18		4.17
PULL #3	4.13	4.18		4.24
PULL #4	4.19	4.16		4.17
PULL #5	4.21	4.01		4.14
TOTAL	20.94	20.70		20.94
AVG.	4.19	4.14		4.19

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587569
1 Dec 1990

CENTROIDAL DISTANCES

0	TO	1	.367927
1	TO	2	.422452
1	TO	3	.616864
1	TO	4	.466623
1	TO	5	.168502

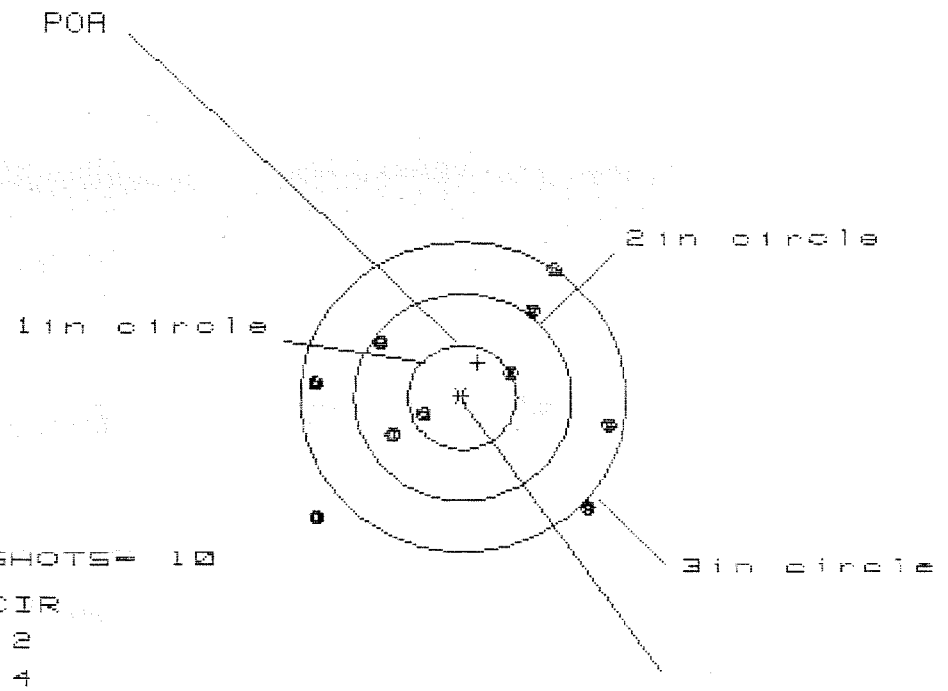
<----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0504
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1262
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .135892

THE AMR FOR THIS RIFLE IS: .9672

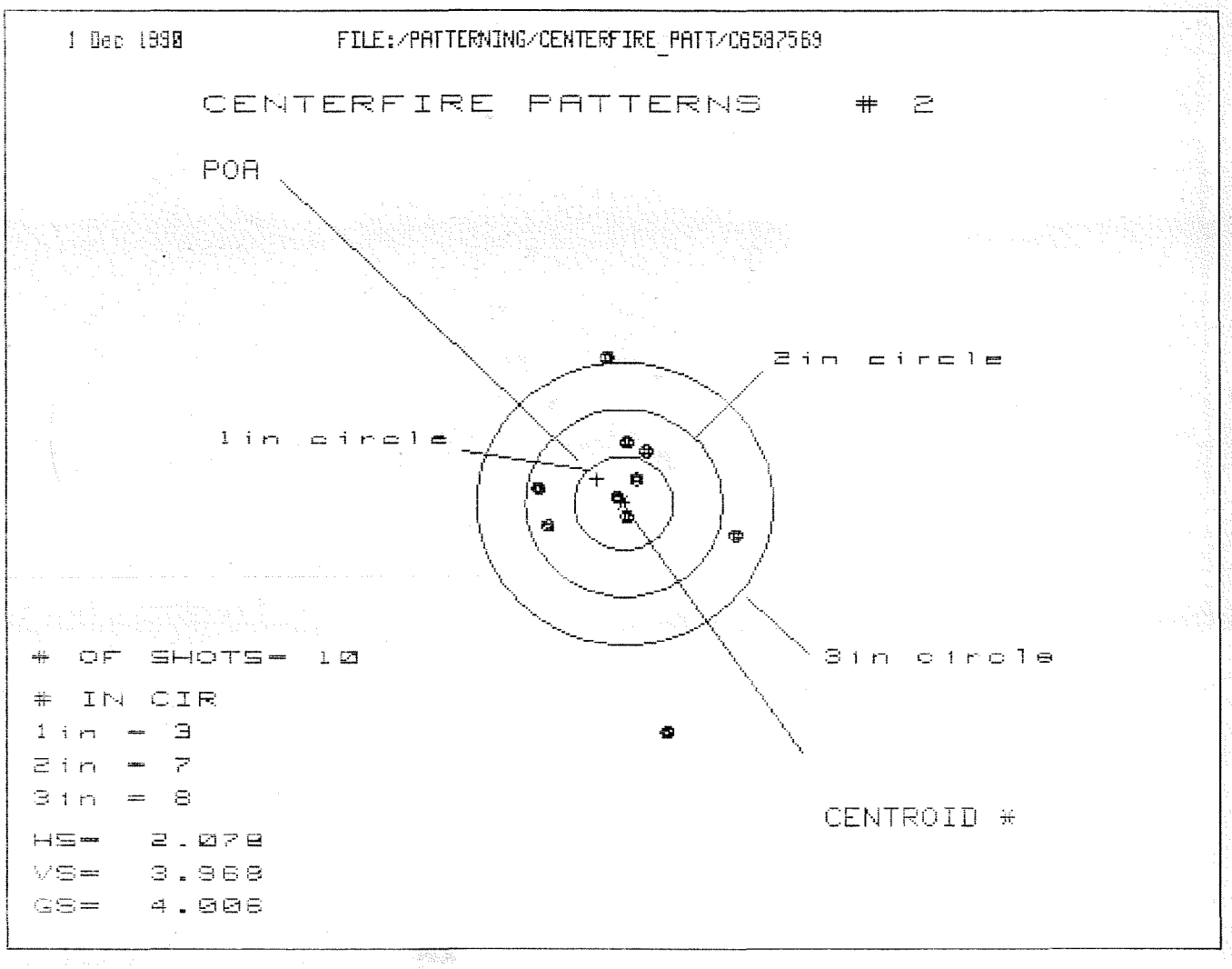
1 Dec 1998 FILE:/PATTERNING/CENTERFIRE_PATT/G6587569

CENTERFIRE PATTERNS # 1



# OF SHOTS= 10
# IN CIR
1in = 2
2in = 4
3in = 8
HS= 2.706
VS= 2.401
GS= 3.265

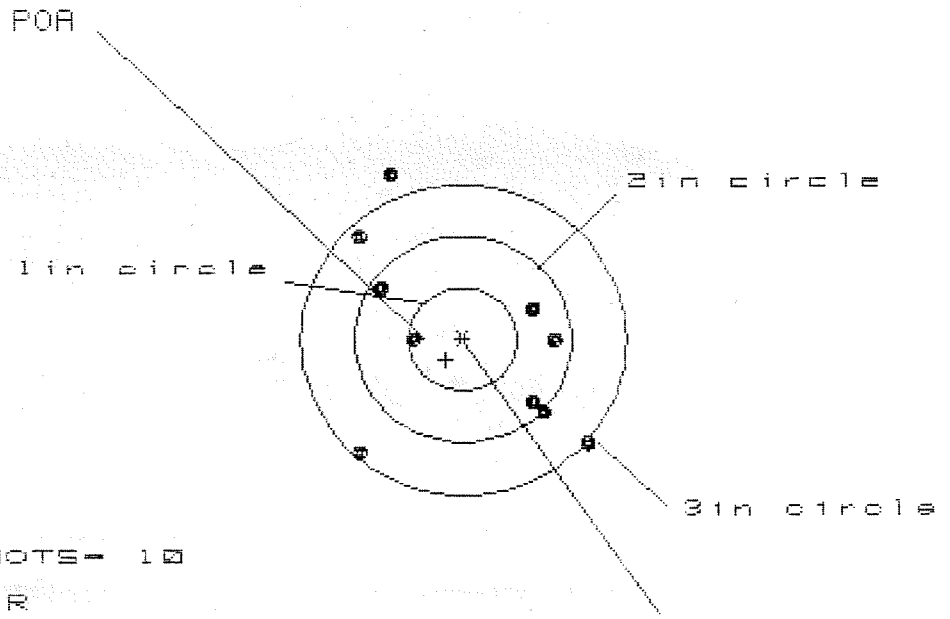
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.340	1.189	1.311
MINIMUM X	:	-1.366	-1.467	-1.345
MAXIMUM Y	:	1.220	1.089	.946
MINIMUM Y	:	-1.181	-1.142	-.621
CENTROID X	:	-.143	.008	-.114
CENTROID Y	:	-.339	-.208	-.065
POA TO CENTROID in.	:	.368	.208	.131
MIN RADIUS	:	.407	.289	.390
MEAN RADIUS	:	1.109	1.020	.947
MAX RADIUS	:	1.806	1.503	1.422
HORIZONTAL SPREAD	:	2.706	2.656	2.656
VERTICAL SPREAD	:	2.401	2.231	1.567
EXTREME SPREAD	:	3.265	2.703	2.689
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	



PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.177	1.221	1.206
MINIMUM X	:	-.901	-.857	-.872
MAXIMUM Y	:	1.570	1.303	.560
MINIMUM Y	:	-2.398	-.641	-.478
CENTROID X	:	.272	.228	.243
CENTROID Y	:	-.260	.007	-.156
POA TO CENTROID in.	:	.376	.228	.288
MIN RADIUS	:	.093	.205	.110
MEAN RADIUS	:	.873	.677	.579
MAX RADIUS	:	2.431	1.379	1.298
HORIZONTAL SPREAD	:	2.078	2.078	2.078
VERTICAL SPREAD	:	3.968	1.944	1.038
EXTREME SPREAD	:	4.006	2.359	2.140
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

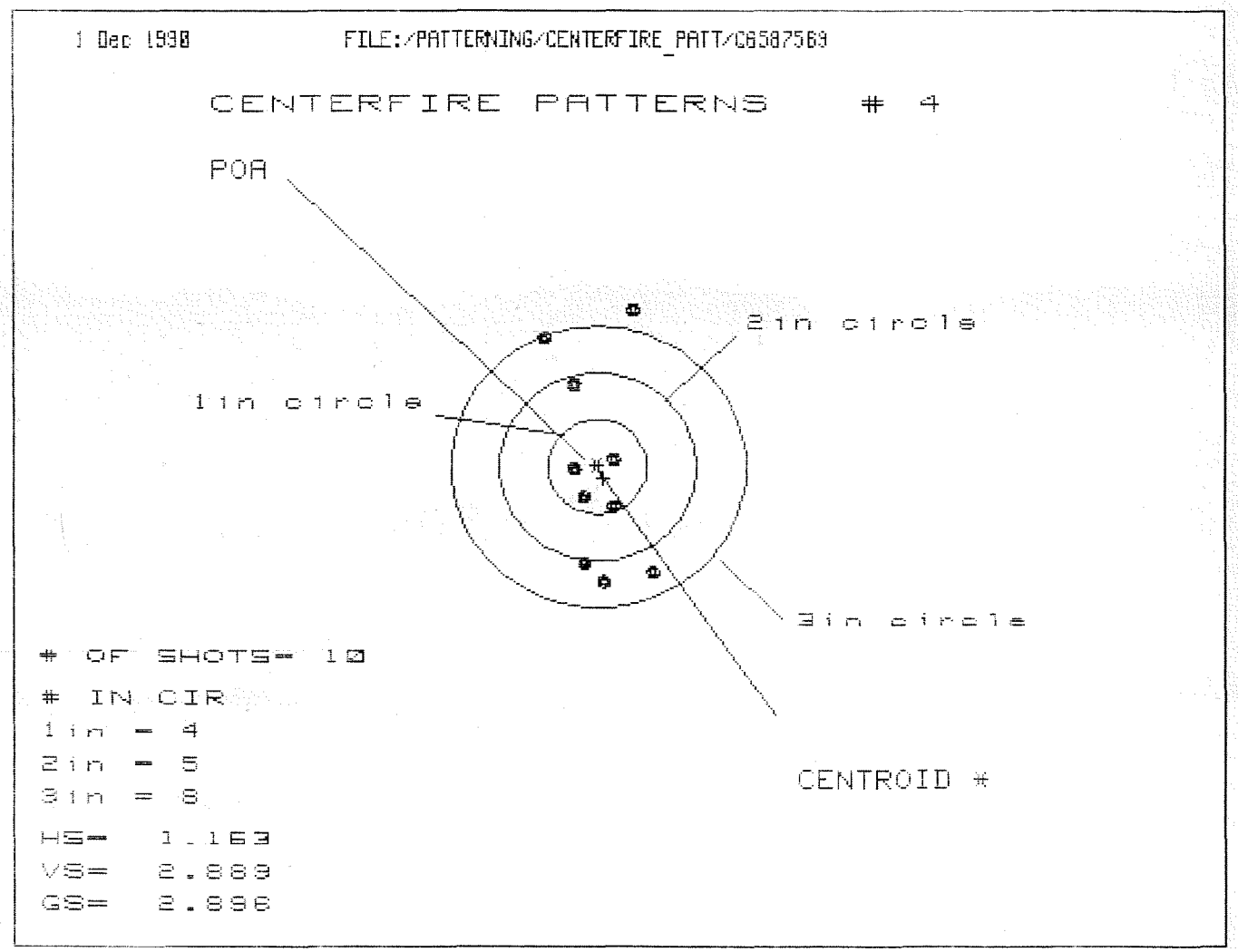
1 Dec 1998 FILE:/PATTERNING/CENTERFIRE_PATT/C6587569

CENTERFIRE PATTERNS # 3

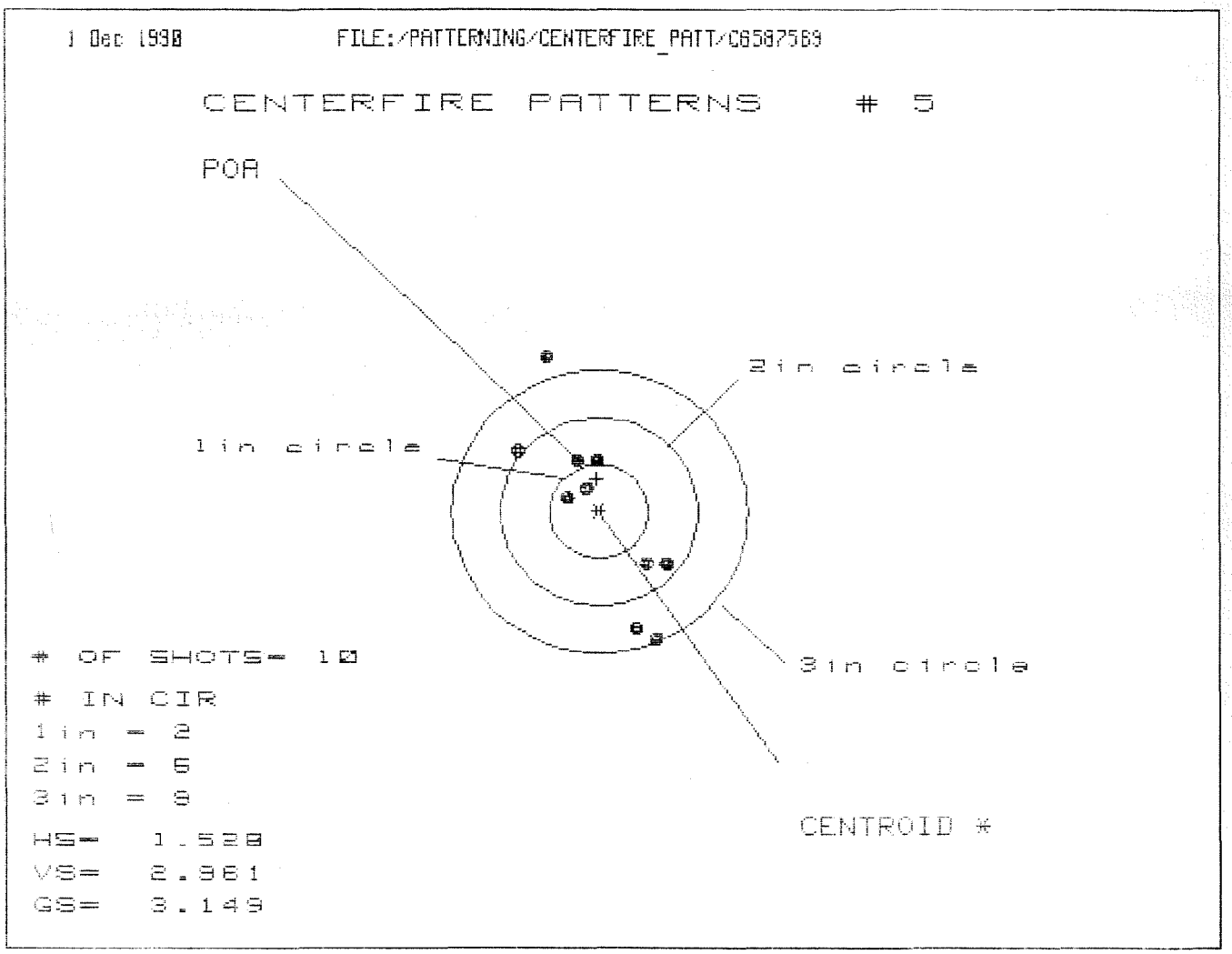


# OF SHOTS= 10
# IN CIR
1in = 1
2in = 5
3in = 9
HS= 2.141
VS= 2.638
GS= 3.118

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.143	1.066	.866
MINIMUM X	:	-.998	-1.075	-.942
MAXIMUM Y	:	1.554	1.129	1.030
MINIMUM Y	:	-1.084	-.911	-1.010
CENTROID X	:	.157	.234	.101
CENTROID Y	:	.200	.027	.126
POA TO CENTROID in.	:	.254	.236	.161
MIN RADIUS	:	.472	.585	.428
MEAN RADIUS	:	1.078	.992	.949
MAX RADIUS	:	1.704	1.558	1.395
HORIZONTAL SPREAD	:	2.141	2.141	1.808
VERTICAL SPREAD	:	2.638	2.040	2.040
EXTREME SPREAD	:	3.118	2.873	2.380
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.591	.626	.559
MINIMUM X	:	-.572	-.537	-.254
MAXIMUM Y	:	1.717	1.605	1.246
MINIMUM Y	:	-1.172	-.981	-.780
CENTROID X	:	-.059	-.094	-.027
CENTROID Y	:	.120	-.071	-.272
POA TO CENTROID in.	:	.134	.118	.273
MIN RADIUS	:	.199	.200	.097
MEAN RADIUS	:	.884	.752	.614
MAX RADIUS	:	1.746	1.693	1.268
HORIZONTAL SPREAD	:	1.163	1.163	.813
VERTICAL SPREAD	:	2.889	2.586	2.026
EXTREME SPREAD	:	2.896	2.810	2.150
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.723	.663	.723
MINIMUM X	:	-.805	-.865	-.805
MAXIMUM Y	:	1.616	.811	.665
MINIMUM Y	:	-1.345	-1.165	-1.177
CENTROID X	:	.025	.085	.025
CENTROID Y	:	-.352	-.532	-.386
POA TO CENTROID in.	:	.353	.539	.387
MIN RADIUS	:	.265	.449	.293
MEAN RADIUS	:	.892	.820	.727
MAX RADIUS	:	1.702	1.260	1.234
HORIZONTAL SPREAD	:	1.528	1.528	1.528
VERTICAL SPREAD	:	2.961	1.976	1.842
EXTREME SPREAD	:	3.149	2.390	2.186
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	9		