C634913B

MODEL 700™ M24

Model SWS™

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: RE00066531
Verify Repair | High Priority

Serial: C6349138 Model 700 Center Fire Caliber: 308 SWS M24

Repairman:
Status: New 6/12/2003 1:16:55 PM

Address Information

Customer:	Received From	Return To:	Received From
Name:	TRANSPORTATION OFFICER	TRANSPORTATION OFFICER	
Address 1:	BLDG 49015,CRSP	BLDG 49015,CRSP	
Address 2:	SANTA FE AVE PO Box:	SANTA FE AVE PO Box:	
City:	FORT HOOD	FORT HOOD	
State:	TX Zip Code: 76544 Country: US	State: TX Zip Code: 76544 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 Stud	3
A026	Scope	1
A045	Bi Pod	1
C000	SCOPE CASE	1
C0001	DEPLOYMENT KIT	1
C002	FRONT AND REAR B.	1

Repair Search | Refresh | Close

naglelj 6/17/2003 9:44 AM CAPS NUM INS SCRL

start | 4 Microsoft... | Part Search (L... | FaCode 1.0a... | Material Where... | Arms Services ... | 9:44 AM

Serial Number: C6349138

Model: 700

RE00066531

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349138.__0
FILE DATE AND TIME: 06/25/2003 07:07

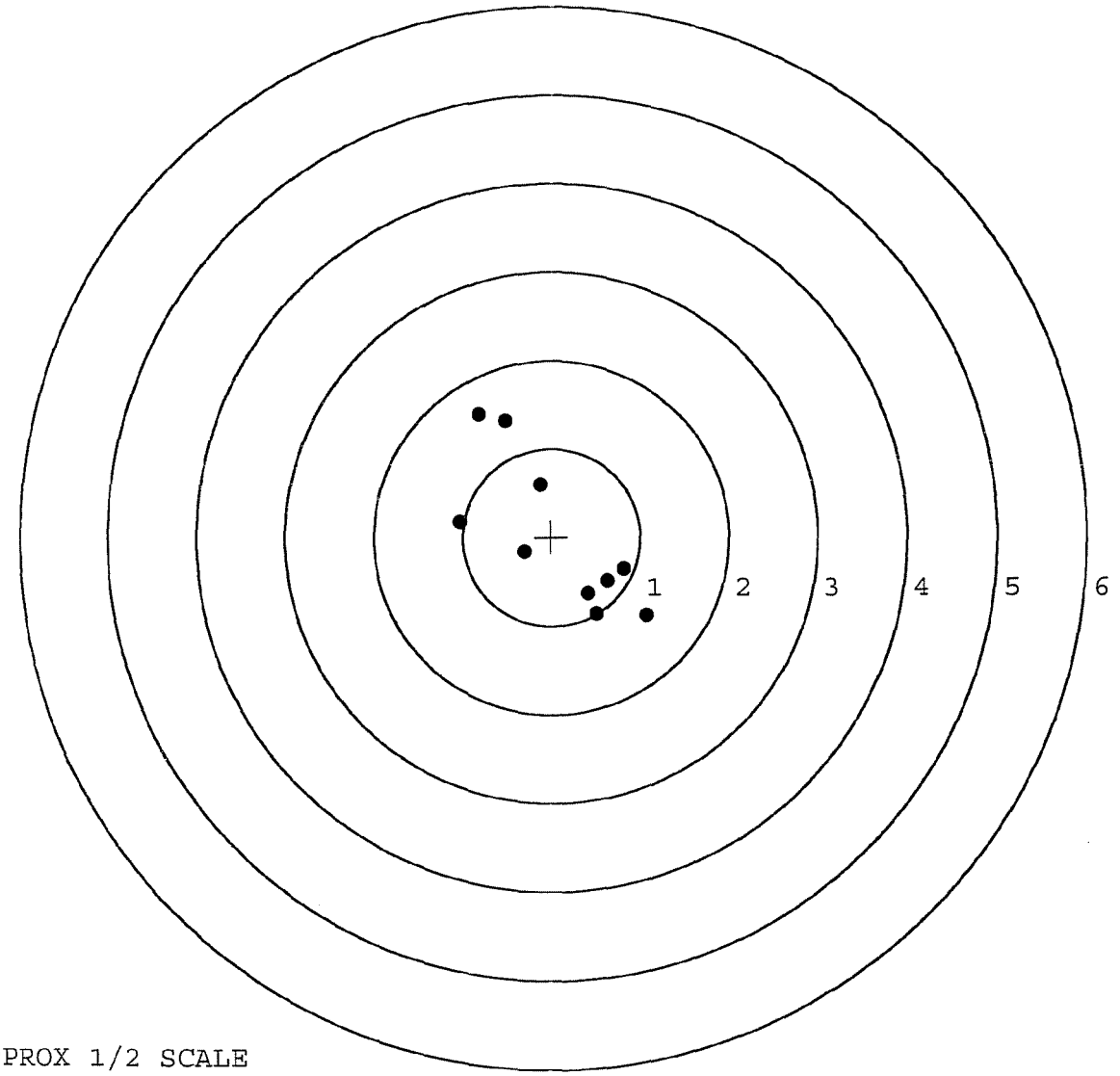
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.011
The Average Y Centroid of the Five Target Set:	-0.028
The Average Point of Impact of the Five Target Set:	0.030
The Average Mean Radius of the Five Target Set:	0.972
The Distance from POA to Centroid Target #1:	0.064
The Distance from Centroid Target #2 to Centroid Target #1:	0.226
The Distance from Centroid Target #3 to Centroid Target #1:	0.148
The Distance from Centroid Target #4 to Centroid Target #1:	0.104
The Distance from Centroid Target #5 to Centroid Target #1:	0.260

SERIAL NUMBER: C6349138.__0
TARGET NUMBER: 1
FILE DATE: 06/25/2003
FILE TIME: 07:07

X CENTROID:	0.064
Y CENTROID:	0.006
POA TO CENTROID:	0.064
HORZ SPREAD:	2.105
VERT SPREAD:	2.261
GROUP SPREAD:	2.950
MIN RADIUS:	0.407
MAX RADIUS:	1.642
MEAN RADIUS:	0.986
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	-0.824	1.387
2:	-0.525	1.319
3:	-0.131	0.590
4:	-1.034	0.160
5:	-0.302	-0.173
6:	0.819	-0.358
7:	1.071	-0.874
8:	0.510	-0.864
9:	0.419	-0.639
10:	0.633	-0.492

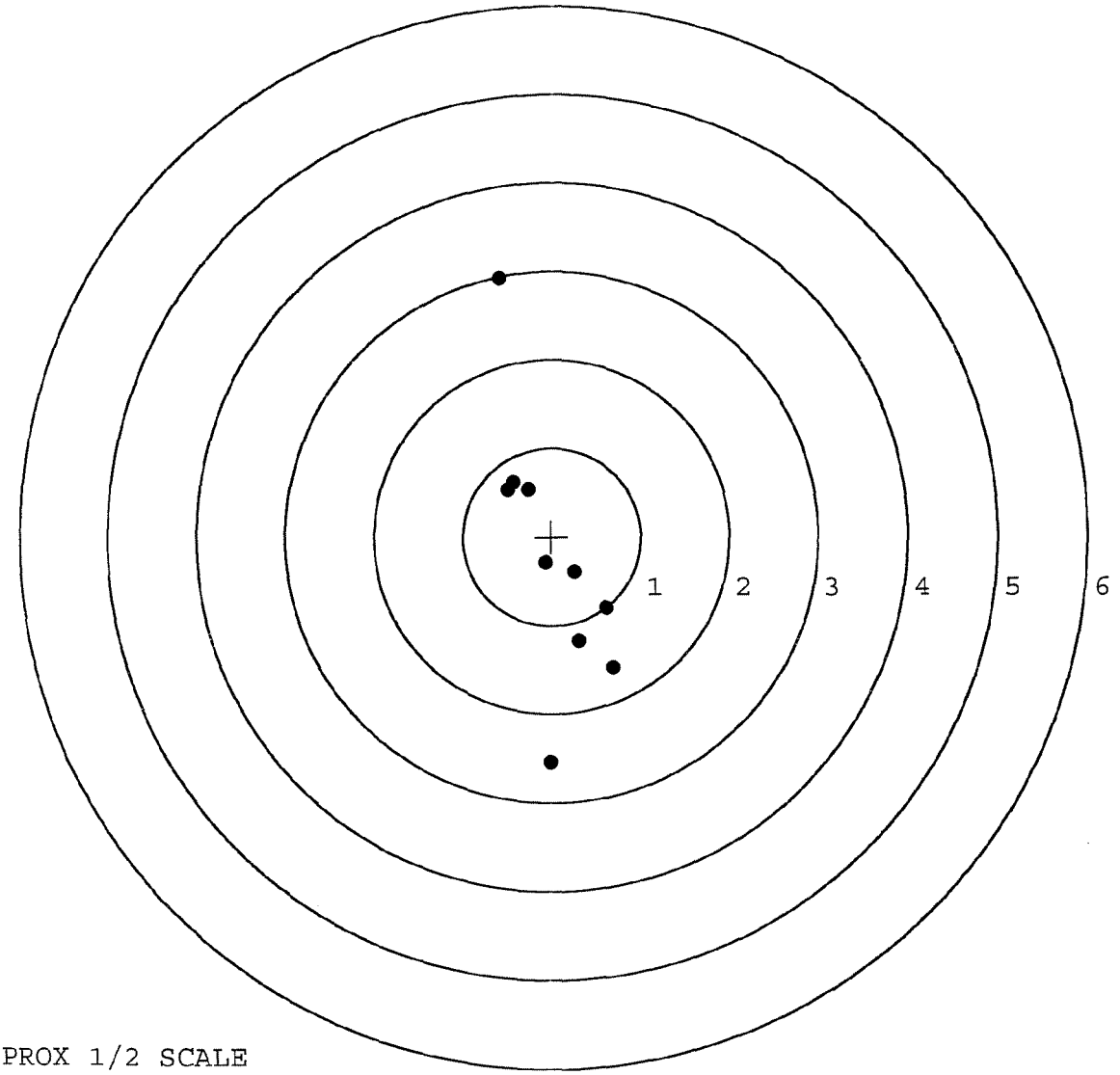


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349138.__0
TARGET NUMBER: 2
FILE DATE: 06/25/2003
FILE TIME: 07:07

X CENTROID:	0.000
Y CENTROID:	-0.211
POA TO CENTROID:	0.212
HORZ SPREAD:	1.293
VERT SPREAD:	5.469
GROUP SPREAD:	5.501
MIN RADIUS:	0.110
MAX RADIUS:	3.182
MEAN RADIUS:	1.188
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	-0.497	0.530
2:	-0.271	0.537
3:	-0.073	-0.294
4:	0.257	-0.399
5:	0.616	-0.804
6:	0.313	-1.176
7:	0.696	-1.477
8:	-0.006	-2.555
9:	-0.597	2.914
10:	-0.434	0.609

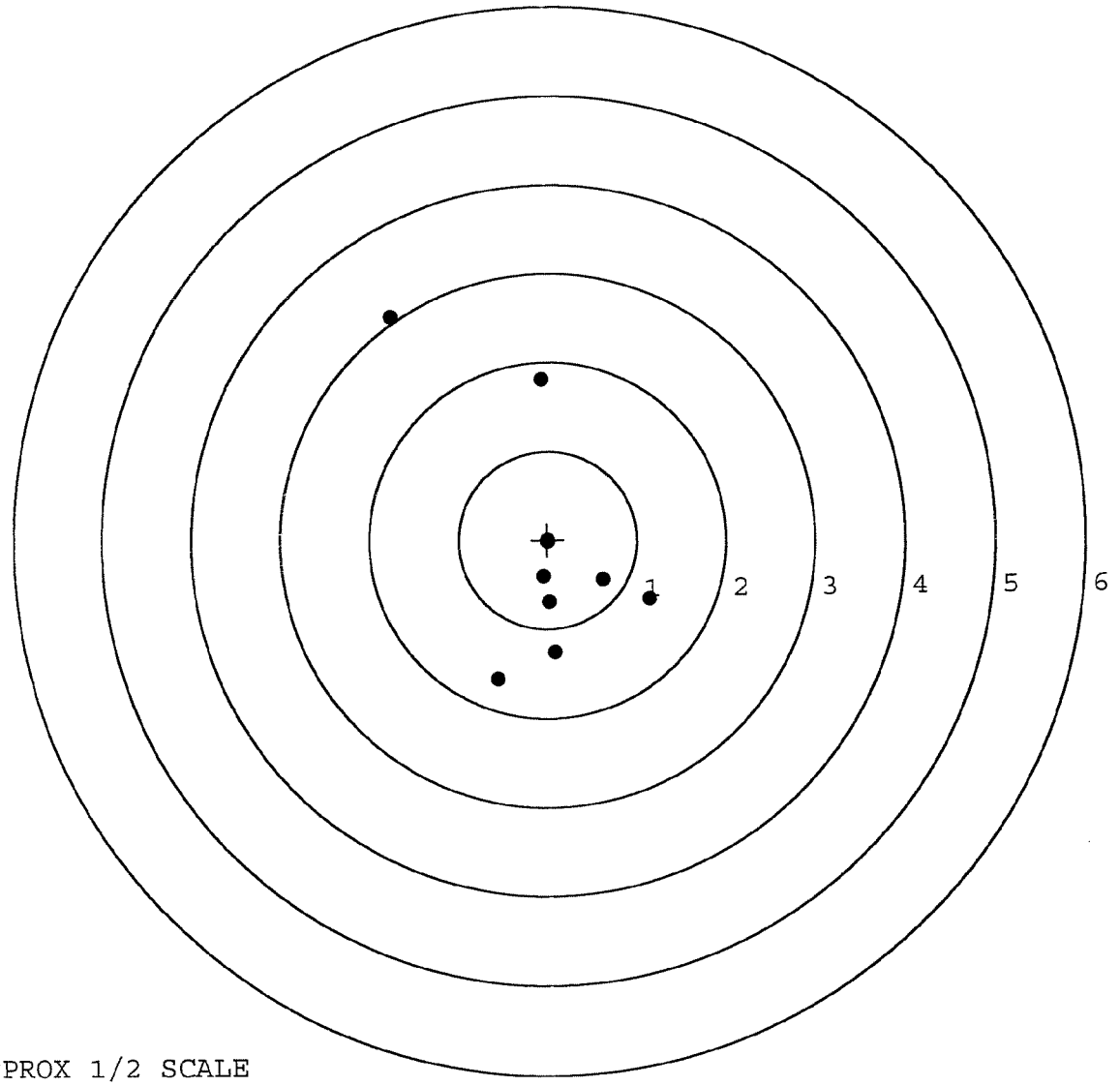


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349138.__0
TARGET NUMBER: 3
FILE DATE: 06/25/2003
FILE TIME: 07:07

X CENTROID:	-0.057
Y CENTROID:	-0.080
POA TO CENTROID:	0.099
HORZ SPREAD:	2.881
VERT SPREAD:	4.089
GROUP SPREAD:	4.305
MIN RADIUS:	0.076
MAX RADIUS:	3.103
MEAN RADIUS:	1.100
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	5
# in 3 IN DIAMETER:	7

POINT#	X	Y
1:	-0.572	-1.566
2:	0.078	-1.273
3:	0.018	-0.701
4:	0.001	-0.032
5:	0.619	-0.454
6:	1.136	-0.676
7:	-0.059	1.802
8:	-1.745	2.523
9:	0.006	-0.007
10:	-0.052	-0.420

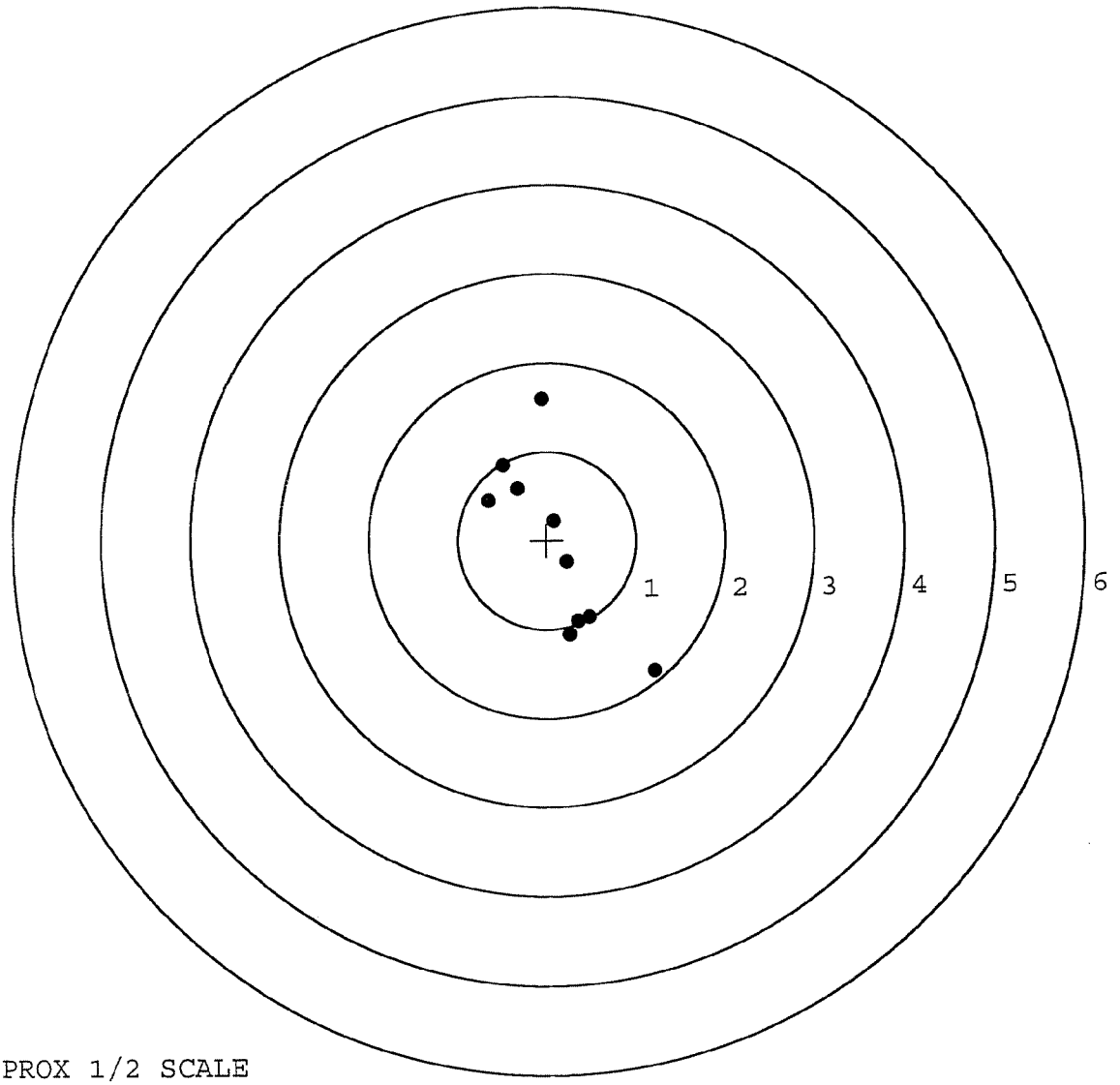


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349138.__0
TARGET NUMBER: 4
FILE DATE: 06/25/2003
FILE TIME: 07:07

X CENTROID:	0.107
Y CENTROID:	-0.089
POA TO CENTROID:	0.139
HORZ SPREAD:	1.847
VERT SPREAD:	3.067
GROUP SPREAD:	3.310
MIN RADIUS:	0.199
MAX RADIUS:	1.764
MEAN RADIUS:	0.950
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	-0.045	1.593
2:	-0.486	0.848
3:	-0.647	0.449
4:	-0.322	0.581
5:	0.084	0.216
6:	0.223	-0.251
7:	0.247	-1.064
8:	0.472	-0.873
9:	1.200	-1.474
10:	0.345	-0.915

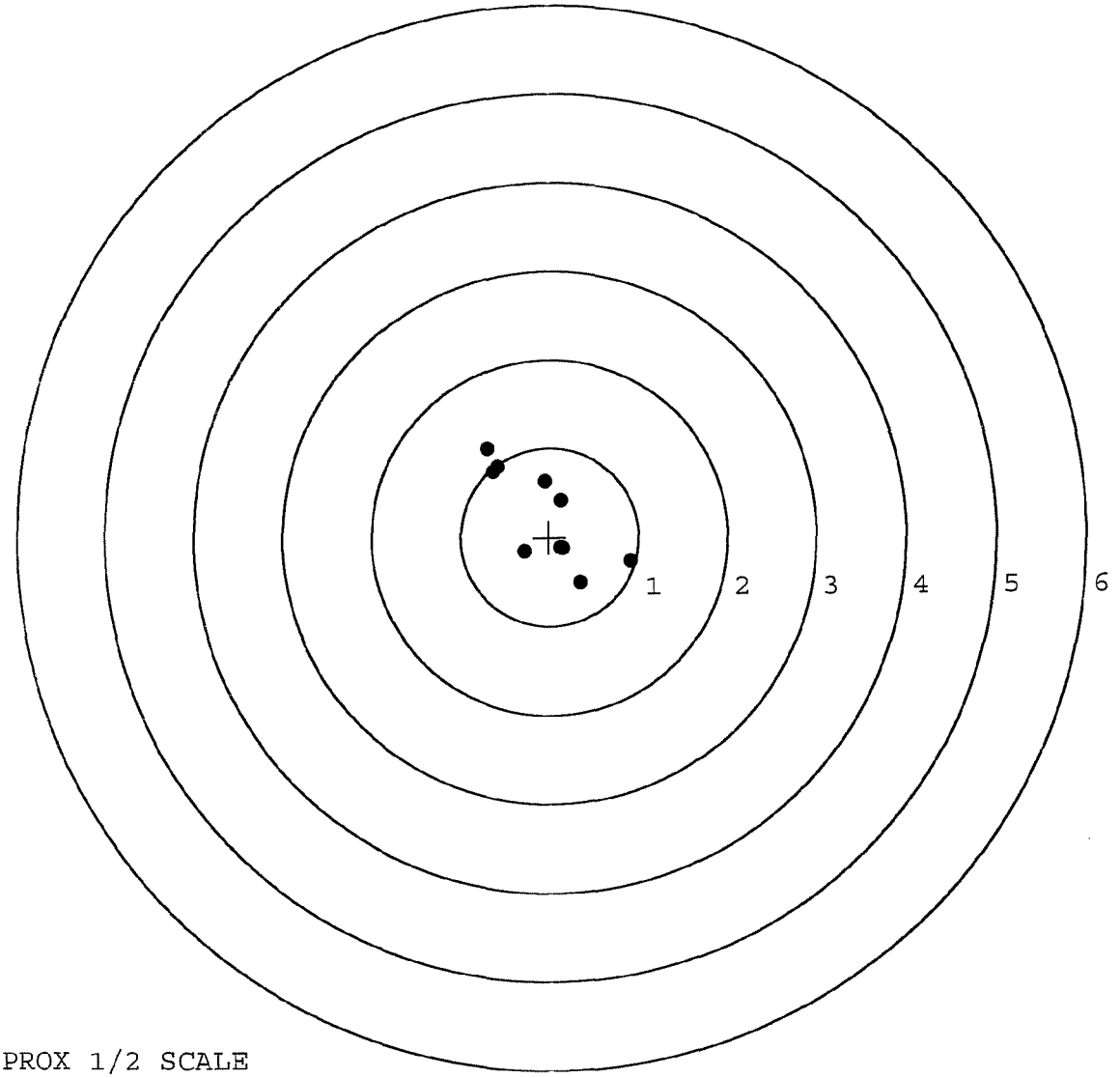


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349138.__0
TARGET NUMBER: 5
FILE DATE: 06/25/2003
FILE TIME: 07:07

X CENTROID:	-0.059
Y CENTROID:	0.235
POA TO CENTROID:	0.242
HORZ SPREAD:	1.603
VERT SPREAD:	1.508
GROUP SPREAD:	2.039
MIN RADIUS:	0.261
MAX RADIUS:	1.089
MEAN RADIUS:	0.638
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.696	0.992
2:	-0.629	0.736
3:	-0.052	0.620
4:	0.132	0.413
5:	0.907	-0.268
6:	0.341	-0.516
7:	0.131	-0.124
8:	-0.286	-0.166
9:	-0.585	0.790
10:	0.147	-0.128



TARGET APPROX 1/2 SCALE

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

SERIAL # C1634938 INSPECTED BY: RTC

DATE REC'D: 6-12-03 DATE RET'D: 6-26-03

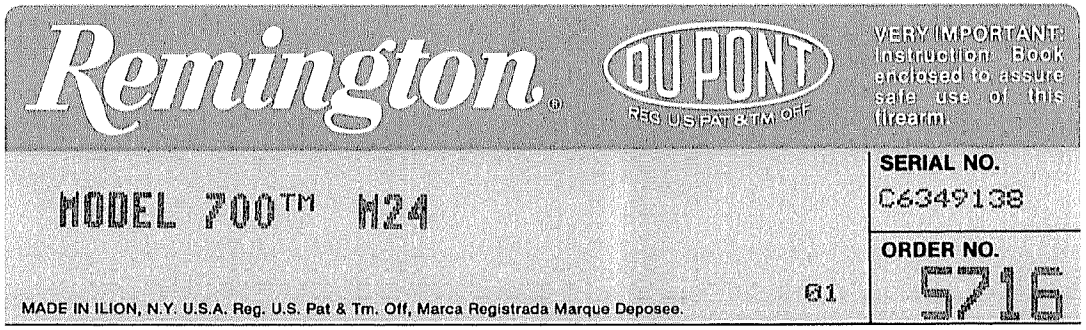
ITEM		ITEM	
BARREL ASSEMBLY		**STOCK ASSEMBLY**	
	BARREL		STOCK
	RECEIVER		SLING AWIVEL STUDS
	FRONT SIGHT BASE		ADJUSTABLE
	REAR SIGHT BASE		BUTT PLATE
	SCREWS		LOCK NUTS
	FINISH		BARREL CLEARANCE
			COLOR / FINISH
SCOPE ASSEMBLY		**SYSTEMS CASE**	
	SCOPE		SCOPE CASE
	SCOPE RINGS		IRON SIGHTS
	MOUNTING SCREWS		DEPLOYMENT KIT
	MOUNTING BASE		
	SCREWS		
	FINISH	**TRIGGER ASSEMBLY**	
	CLARITY		SAFETY OPERATION
			RE-SET TO FACTORY SPECS

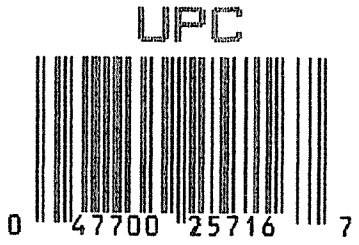
COMMENTS:

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

R & E NUMBER	606531		
SERIAL NUMBER	C6349138		
LOG-IN DATE	6-12-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	6-17-03	RTL
560 A	RE-BARREL	6-18-03	RTL
B	DRILL AND TAP	6-18-03	TRW
575	ASSEMBLE	6-18-03	RTL
600	PROOF	6-18-03	RTL
605	CHECK HEADSPACE	6-18-03	RTL
610	DIS-ASSEMBLE GUN	6-18-03	RTL
612	MAGNAFLUX		
615	ROLLMARK CALIBER	6-18-03	RTL
618	ROTO-BLAST	6/18-03	JAB
620	APPLY COATINGS	6-19-03	TA
625 A	FINAL ASSEMBLY	6-24-03	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	6-25-03	TRW
655	FINAL INSPECT	6-26-03	RTL
660	PACK	6-26-03	DM
		SHIP DATE	
	QAR INSPECTION DATE		

MAGNA-FLUX INSPECTED
OPERATOR





CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349138

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	3 31	90	RW
600	Proof	3 31	90	RW
607	Check Headspace	3 31	90	RW
610	Dis-assemble Gun	3 31	90	RW
612	Magnaflux Barrel Action	4-2-90		KCR
	Magnaflux Bolt	4-2-90		KCR
615	Rollmark Caliber	4-2-90		GA
617	Drill and Tap Sight Holes		4/4/90	FB
618	Polish Barrel RB		4/5/90	WB
620	Apply Coatings (Barrel Action)		4-9-90	AH
	Apply Coating (Bolt)			AH
625	Final Assembly A) Clean inside of Bolt Assembly		4/18/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/18/90	RW
	C) Inspect Ejector Hole for Chamfer		4/18/90	RW
	D) Oil Firing Pin Ass'y		4/18/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5/2/90	DH

QUALITY AUDIT

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			5/7/90	[illegible]
	G) Safety Off Force	3	3	3			5/7/90	[illegible]
	H) Trigger Pull Test & Retainability						5/2/90	[illegible]
	I) Firing Pin Indent	.020	.020	.0205			5/7/90	[illegible]
	J) Assemble Stock						5/7/90	[illegible]
	K) Assemble Swivel Studs						5/11/90	WB
	L) Attach Front and Rear Sight Assemblies						5/7/90	[illegible]
	M) Iron Sight Alignment						5/7/90	[illegible]
	N) Detach Front & Rear Sights & place in numbered container						5/7/90	[illegible]
	O) Attach Scope to Rifle						5/7/90	[illegible]
	P) Detach & Attach Scope 20 Times						5/7/90	[illegible]
640	Gallery Target & Test						5-8-90	DH
	A) Time						5-8-90	DH
	B) Malfunctions						5-8-90	DH
	C) Pierced Primers						5-8-90	DH
	D) Optical Clearity of Scope						5-8-90	DH
645	Inspect for Live Ammo						5-8-90	DH
655	Final Inspection A) Headspace						5/11/90	WB
	B) Trigger Pull	2.17	2.19	2.22	2.22	2.21	5/11/90	WB
	C) Function						5/11/90	WB
660	Pack						6-19-90	DH

SWS TRIGGER PULL TEST

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

SERIAL NO. C6349138
DATE 5/2/90
TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.23	2.44	2.50	2.17	MIN. SETTING,
PULL #2	2.23	2.48	2.42	2.19	NO AVG. OF 5
PULL #3	2.48	2.40	2.51	2.22	READINGS ACCEPT-
PULL #4	2.44	2.43	2.43	2.22	ABLE LESS THAN 2#
PULL #5	2.47	2.50	2.51	2.21	
TOTAL	11.85	12.25	12.37		
AVG.	2.37	2.45	2.474		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.31	3.23		
PULL #2	3.28	3.47		
PULL #3	3.30	3.43		
PULL #4	3.25	3.45		
PULL #5	3.26	3.43		
TOTAL	16.40	17.01		
AVG.	3.28	3.402		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.23	4.38		4.33
PULL #2	4.51	4.37		4.36
PULL #3	4.51	4.34		4.39
PULL #4	4.37	4.37		4.16
PULL #5	4.40	4.37		4.36
TOTAL	22.02	21.83		21.60
AVG.	4.404	4.366		4.32

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349138
9 May 1990

CENTROIDAL DISTANCES

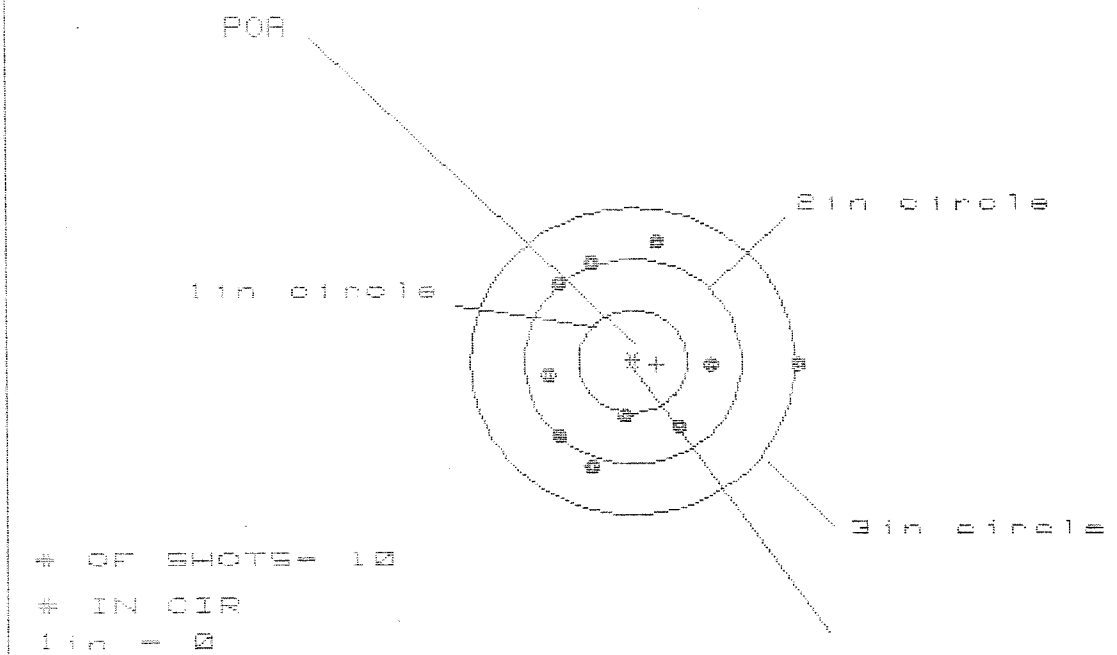
0	TO	1	.221775
1	TO	2	.257449
1	TO	3	.0678823
1	TO	4	.681617
1	TO	5	.242835

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0338
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0892
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0953891

THE AMR FOR THIS RIFLE IS: .8806

9 May 1990 FILE:/PATTERNING/CENTERFIRE_PATT/C8345130

CENTERFIRE PATTERNS # 1



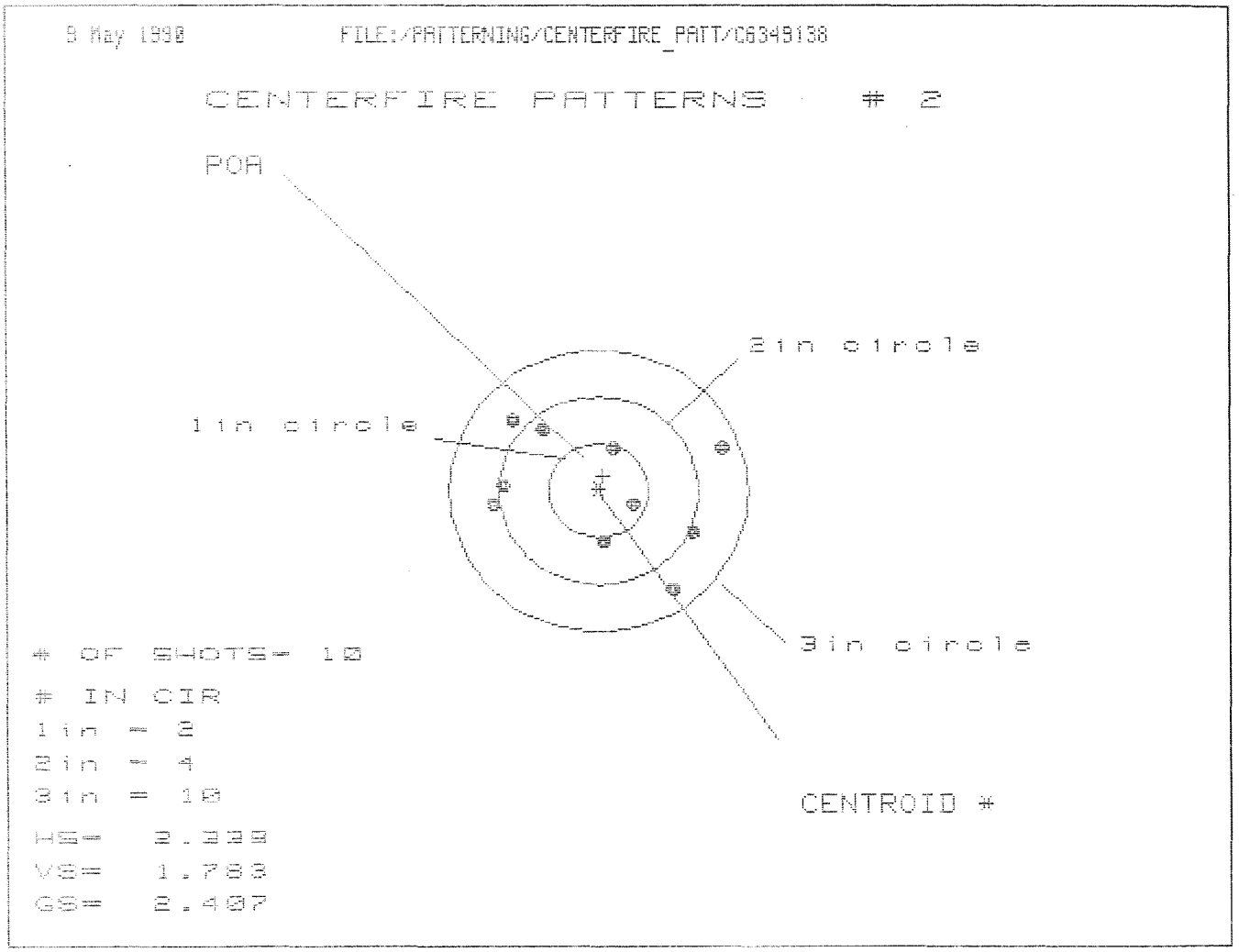
OF SHOTS= 10

# IN CIR
1in = 0
2in = 5
3in = 9

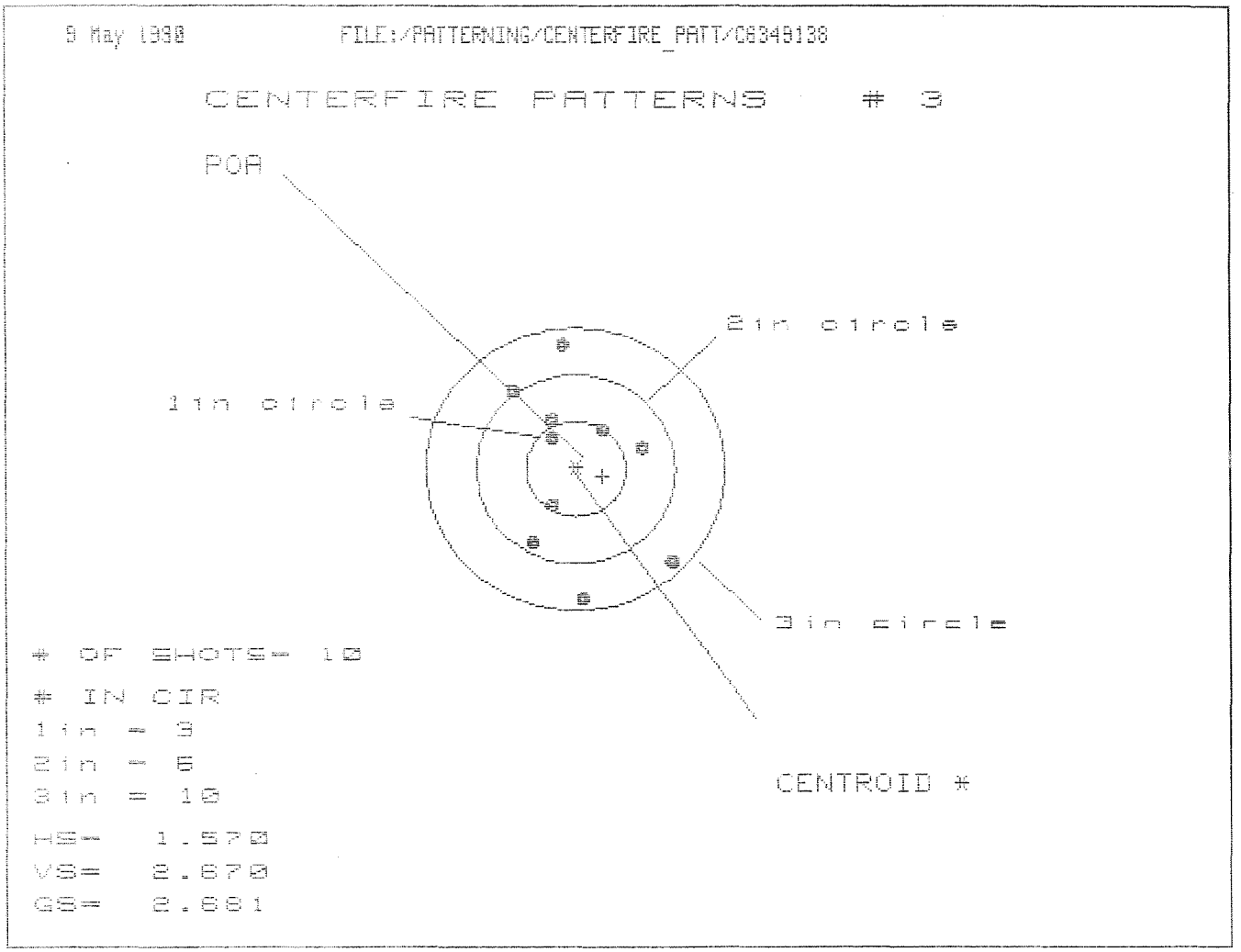
HS= 2.310
VS= 2.197
GS= 2.369

PATTERN # : [redacted]

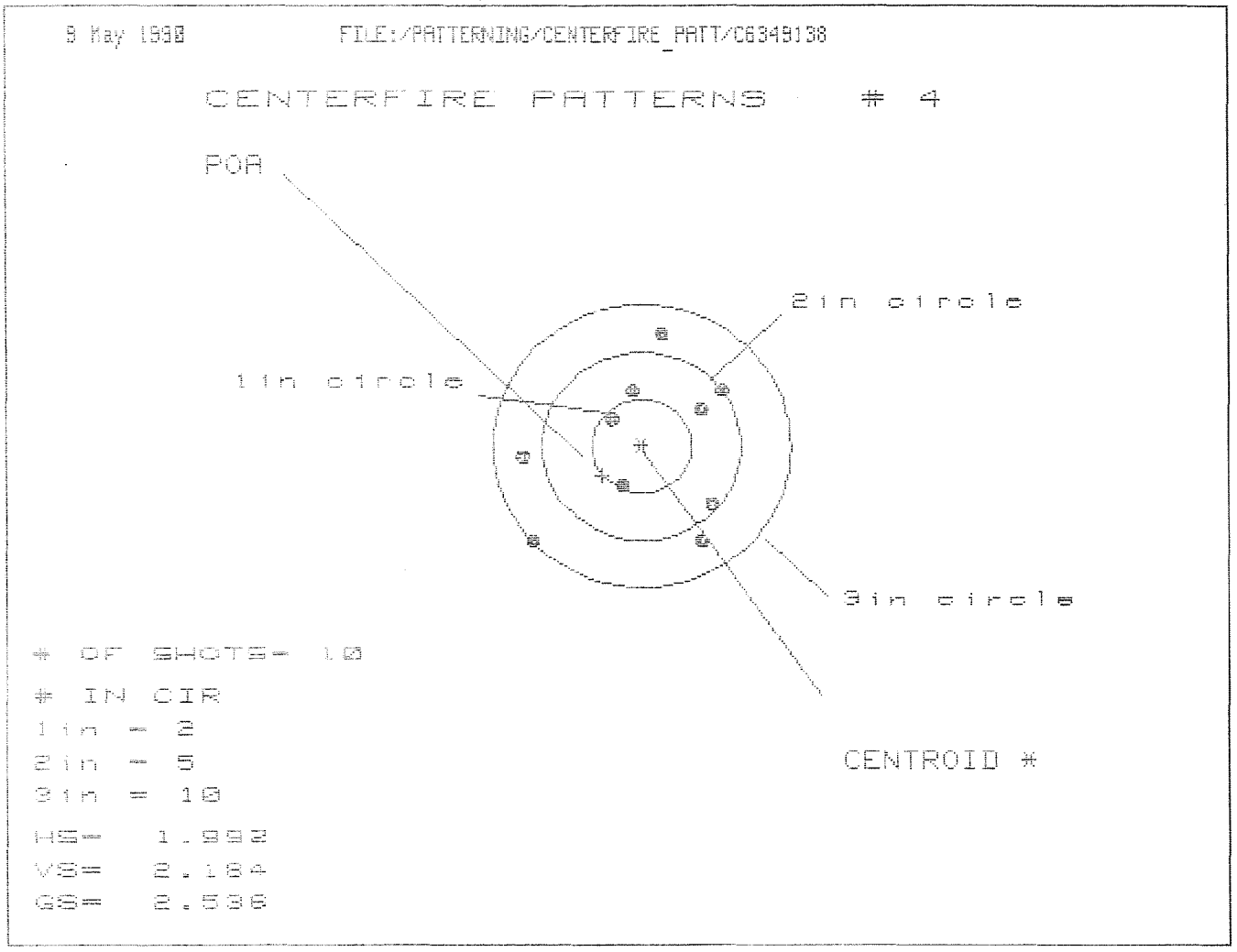
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.552	.884	.936
MINIMUM X	-.758	-.586	-.534
MAXIMUM Y	1.201	1.200	1.098
MINIMUM Y	-.996	-.997	-.847
CENTROID X	-.220	-.392	-.444
CENTROID Y	.028	.029	-.121
POA TO CENTROID in.	.222	.394	.460
MIN RADIUS	.532	.523	.386
MEAN RADIUS	.964	.882	.802
MAX RADIUS	1.552	1.269	1.106
HORIZONTAL SPREAD	2.310	1.470	1.470
VERTICAL SPREAD	2.197	2.197	1.945
EXTREME SPREAD	2.369	2.282	1.945
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		9	



PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.250	1.128	1.239
MINIMUM X	:	-1.088	-.949	-.838
MAXIMUM Y	:	.709	.759	.631
MINIMUM Y	:	-1.074	-1.024	-.662
CENTROID X	:	-.042	-.181	-.292
CENTROID Y	:	-.158	-.208	-.080
POA TO CENTROID in.	:	.164	.275	.303
MIN RADIUS	:	.392	.508	.544
MEAN RADIUS	:	.929	.880	.903
MAX RADIUS	:	1.326	1.357	1.362
HORIZONTAL SPREAD	:	2.338	2.077	2.077
VERTICAL SPREAD	:	1.783	1.783	1.293
EXTREME SPREAD	:	2.407	2.400	2.197
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		10	



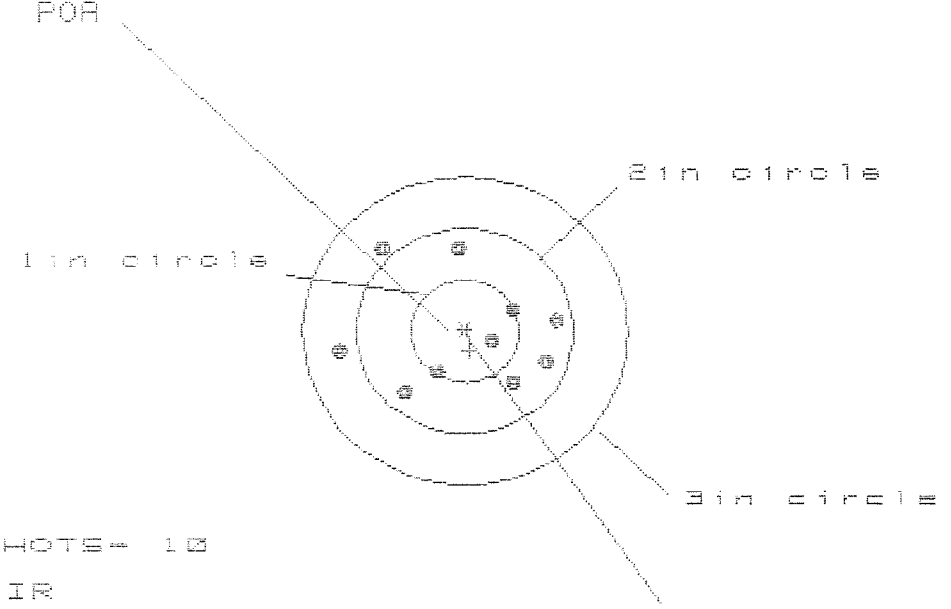
PATTERN #	:	[redacted]		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.928	.937	.812
MINIMUM X	:	-.642	-.633	-.516
MAXIMUM Y	:	1.278	1.123	.981
MINIMUM Y	:	-1.392	-1.139	-1.084
CENTROID X	:	-.268	-.277	-.394
CENTROID Y	:	.076	.231	.378
POA TO CENTROID in.	:	.279	.360	.542
MIN RADIUS	:	.389	.289	.143
MEAN RADIUS	:	.861	.772	.646
MAX RADIUS	:	1.394	1.475	1.123
HORIZONTAL SPREAD	:	1.570	1.570	1.328
VERTICAL SPREAD	:	2.670	2.262	2.065
EXTREME SPREAD	:	2.681	2.515	2.080
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	[redacted]		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.787	.667	.502
MINIMUM X	:	-1.205	-1.325	-.628
MAXIMUM Y	:	1.153	1.039	1.014
MINIMUM Y	:	-1.031	-1.078	-1.103
CENTROID X	:	.401	.521	.686
CENTROID Y	:	.309	.423	.448
POA TO CENTROID in.	:	.506	.671	.820
MIN RADIUS	:	.451	.499	.393
MEAN RADIUS	:	.914	.831	.754
MAX RADIUS	:	1.489	1.340	1.145
HORIZONTAL SPREAD	:	1.992	1.992	1.130
VERTICAL SPREAD	:	2.184	2.117	2.117
EXTREME SPREAD	:	2.536	2.150	2.150
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

9 May 1998 FILE:/PATTERNING/CENTERFIRE_PATT/C6845138

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 3

2in = 8

3in = 10

HS= 2.002

VS= 1.382

GS= 2.021

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.837	.708	.595
MINIMUM X	:	-1.165	-.902	-.790
MAXIMUM Y	:	.814	.795	.877
MINIMUM Y	:	-.568	-.587	-.488
CENTROID X	:	-.040	.089	.202
CENTROID Y	:	.191	.210	.111
POA TO CENTROID in.	:	.196	.228	.230
MIN RADIUS	:	.248	.138	.016
MEAN RADIUS	:	.735	.657	.547
MAX RADIUS	:	1.177	1.202	.928
HORIZONTAL SPREAD	:	2.002	1.610	1.385
VERTICAL SPREAD	:	1.382	1.382	1.365
EXTREME SPREAD	:	2.021	1.907	1.542
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	