C6349100

MODEL 700™ M24

Model SWS™

Action

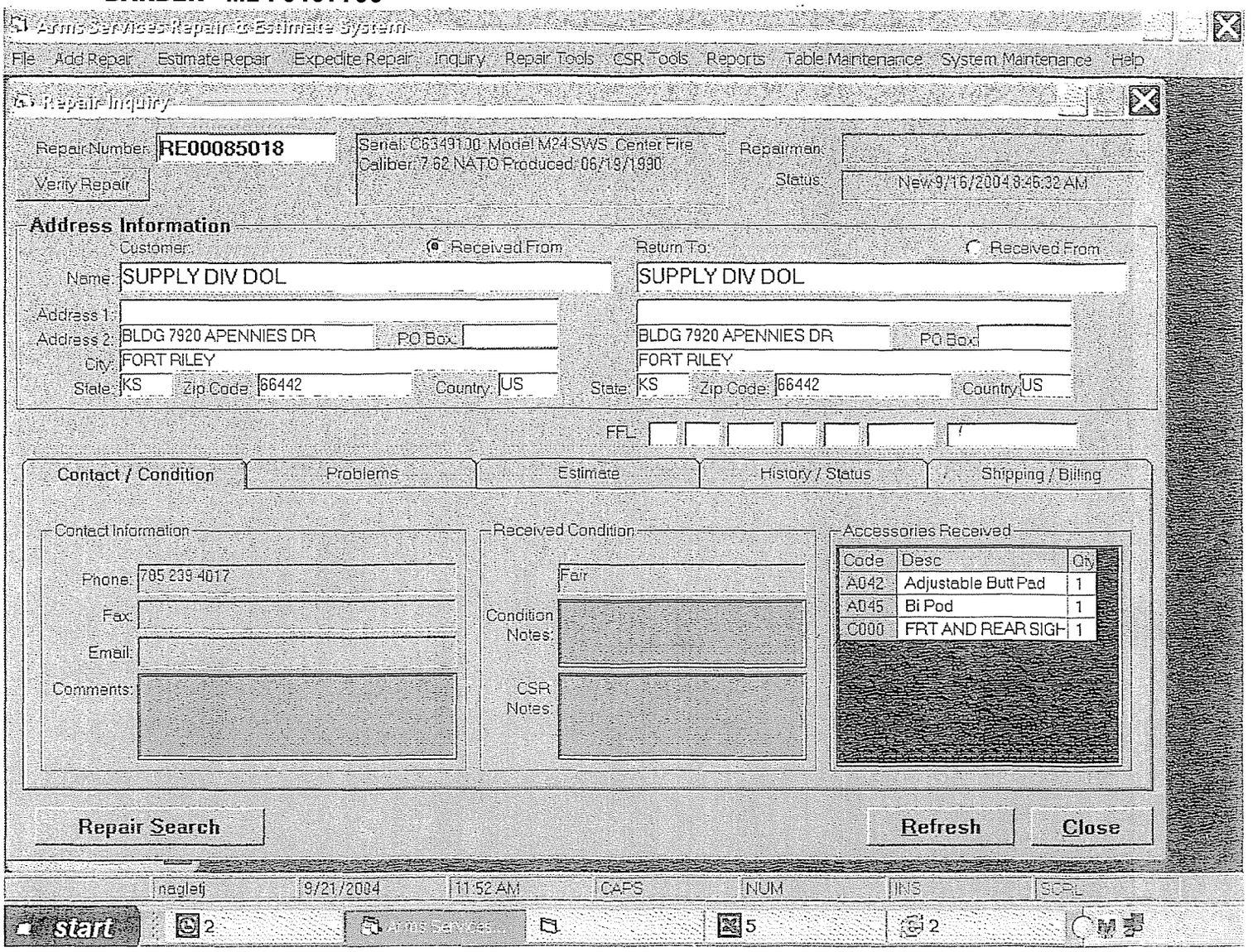
Barrel Length

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: RE00085018
Verify Repair
Serial: C6349100 Model: M24 SWS Center Fire Caliber: 7.62 NATO Produced: 06/19/1930
Repairman:
Status: New 9/16/2004 8:46:32 AM
Address Information
Customer: Received From
Name: SUPPLY DIV DOL
Address 1:
Address 2: BLDG 7920 APENNIES DR PO Box:
City: FORT RILEY
State: KS Zip Code: 66442 Country: US
Return To: Received From
SUPPLY DIV DOL
BLDG 7920 APENNIES DR PO Box:
FORT RILEY
State: KS Zip Code: 66442 Country: US
FFL:
Contact / Condition
Problems
Estimate
History / Status
Shipping / Billing
Contact Information
Phone: 785 239 4017
Fax:
Email:
Comments:
Received Condition
Fair
Condition Notes:
CSR Notes:
Accessories Received
Code Desc Qty
A042 Adjustable Butt Pad 1
A045 Bi Pod 1
C000 FRT AND REAR SIGH 1
Repair Search
Refresh
Close
naglelj 9/21/2004 11:52 AM CAPS NUM INS SCRL
start


Serial Number:
C6349100
Model: M24 SWS
RE00085018

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349100.__0
FILE DATE AND TIME: 10/06/2004 11:03

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

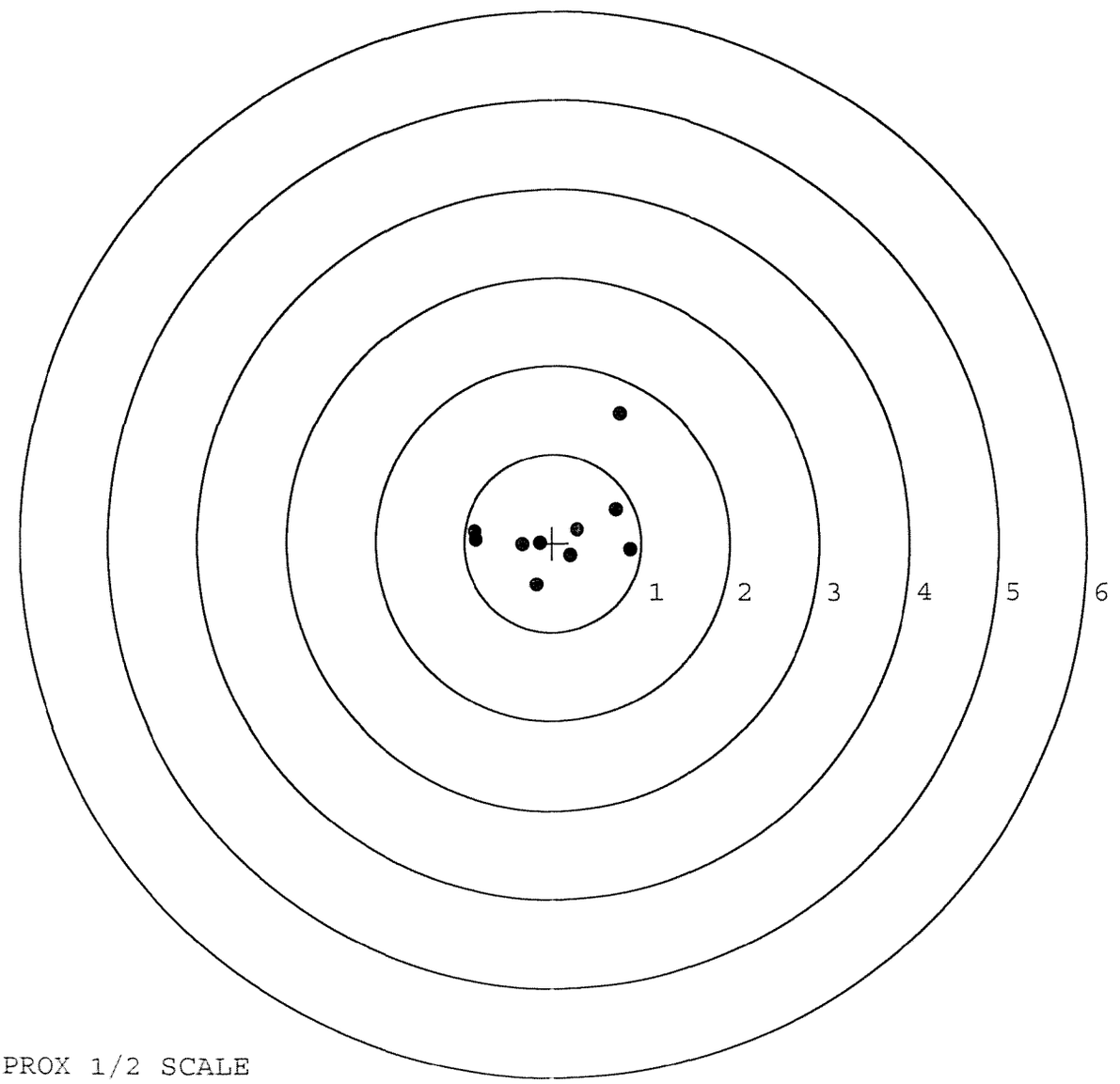
The Average X Centroid of the Five Target Set:	0.065
The Average Y Centroid of the Five Target Set:	-0.005
The Average Point of Impact of the Five Target Set:	0.065
The Average Mean Radius of the Five Target Set:	0.667
The Distance from POA to Centroid Target #1:	0.152
The Distance from Centroid Target #2 to Centroid Target #1:	0.210
The Distance from Centroid Target #3 to Centroid Target #1:	0.155
The Distance from Centroid Target #4 to Centroid Target #1:	0.161
The Distance from Centroid Target #5 to Centroid Target #1:	0.287

BARBER - M24 0107801

SERIAL NUMBER: C6349100.__0
TARGET NUMBER: 1
FILE DATE: 10/06/2004
FILE TIME: 11:03

X CENTROID:	0.042
Y CENTROID:	0.146
POA TO CENTROID:	0.152
HORZ SPREAD:	1.760
VERT SPREAD:	1.923
GROUP SPREAD:	2.154
MIN RADIUS:	0.232
MAX RADIUS:	1.491
MEAN RADIUS:	0.679
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.754	1.456
2:	0.719	0.378
3:	0.878	-0.076
4:	-0.882	0.131
5:	-0.867	0.038
6:	-0.186	-0.467
7:	-0.344	-0.015
8:	-0.141	0.004
9:	0.284	0.153
10:	0.205	-0.142



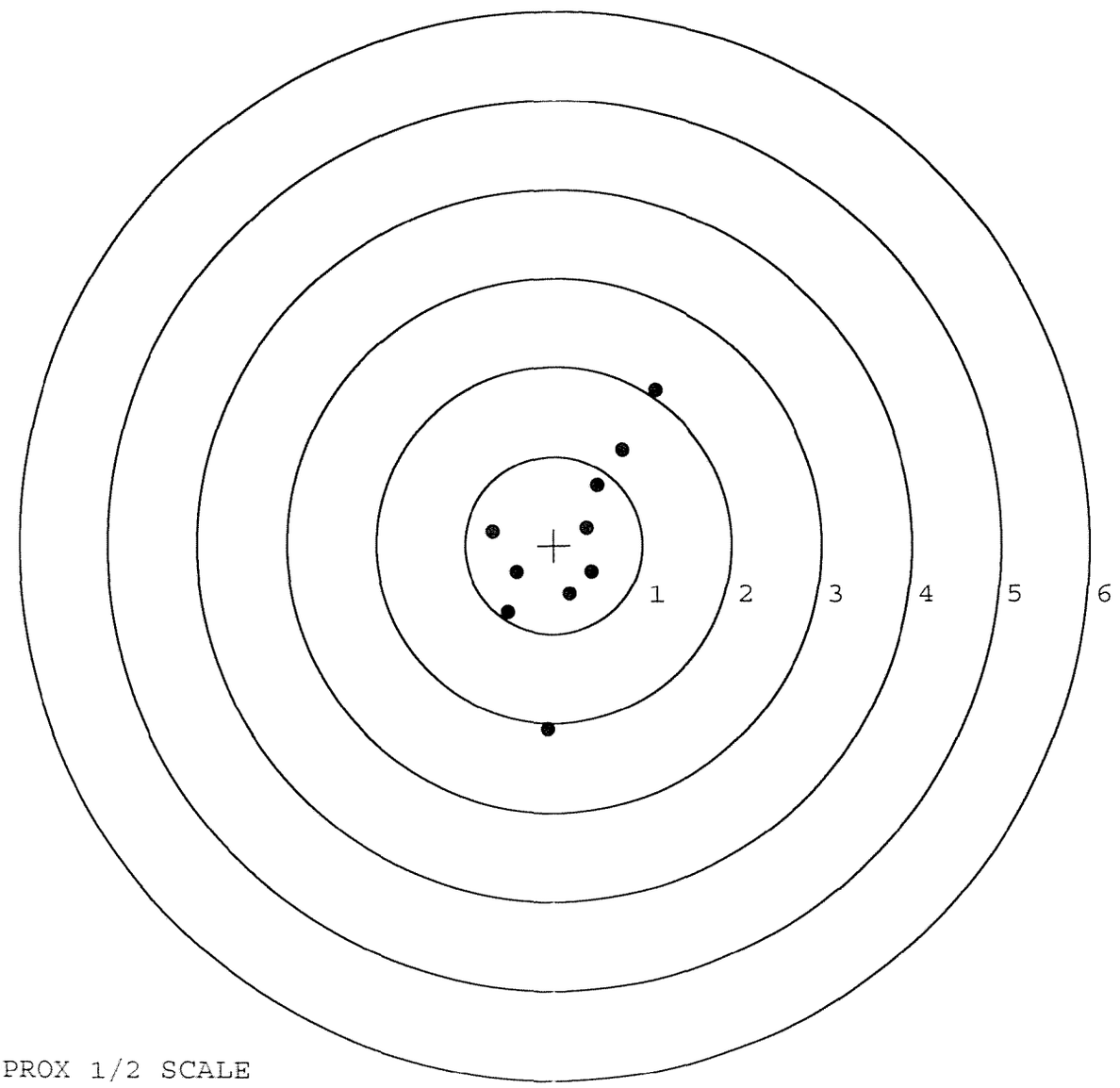
TARGET APPROX 1/2 SCALE

BARBER - M24 0107802

SERIAL NUMBER: C6349100.__0
TARGET NUMBER: 2
FILE DATE: 10/06/2004
FILE TIME: 11:03

X CENTROID:	0.170
Y CENTROID:	-0.020
POA TO CENTROID:	0.172
HORZ SPREAD:	1.831
VERT SPREAD:	3.812
GROUP SPREAD:	3.999
MIN RADIUS:	0.290
MAX RADIUS:	2.072
MEAN RADIUS:	0.985
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	-0.067	-2.078
2:	-0.514	-0.761
3:	-0.426	-0.313
4:	-0.690	0.152
5:	0.186	-0.556
6:	0.431	-0.307
7:	0.374	0.187
8:	0.495	0.670
9:	0.774	1.071
10:	1.141	1.734



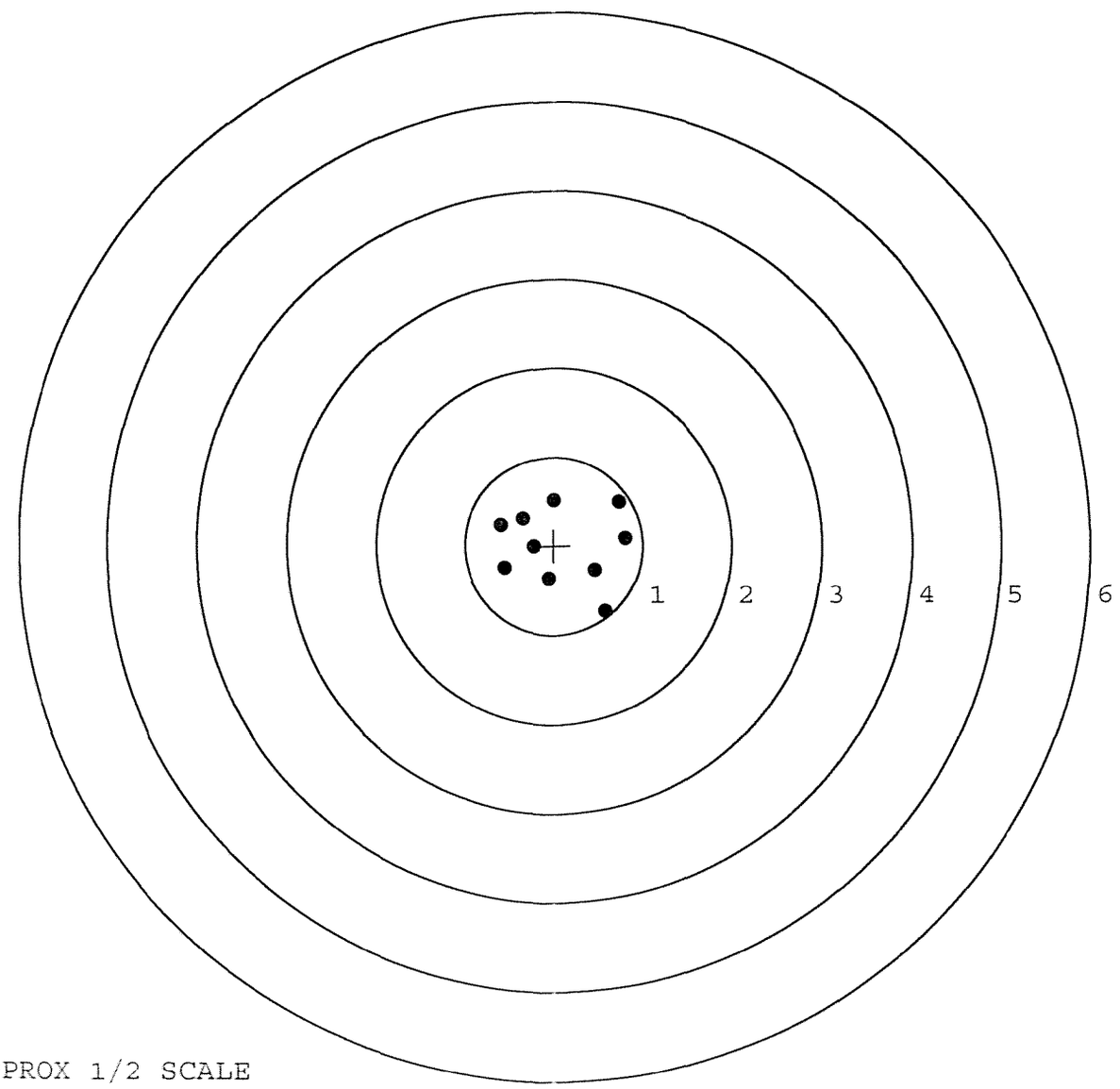
TARGET APPROX 1/2 SCALE

BARBER - M24 0107803

SERIAL NUMBER: C6349100.__0
TARGET NUMBER: 3
FILE DATE: 10/06/2004
FILE TIME: 11:03

X CENTROID:	0.080
Y CENTROID:	-0.005
POA TO CENTROID:	0.080
HORZ SPREAD:	1.402
VERT SPREAD:	1.255
GROUP SPREAD:	1.531
MIN RADIUS:	0.310
MAX RADIUS:	0.893
MEAN RADIUS:	0.608
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.584	-0.742
2:	0.463	-0.283
3:	0.805	0.082
4:	0.738	0.490
5:	0.003	0.513
6:	-0.557	-0.255
7:	-0.064	-0.377
8:	-0.230	-0.013
9:	-0.349	0.304
10:	-0.597	0.233



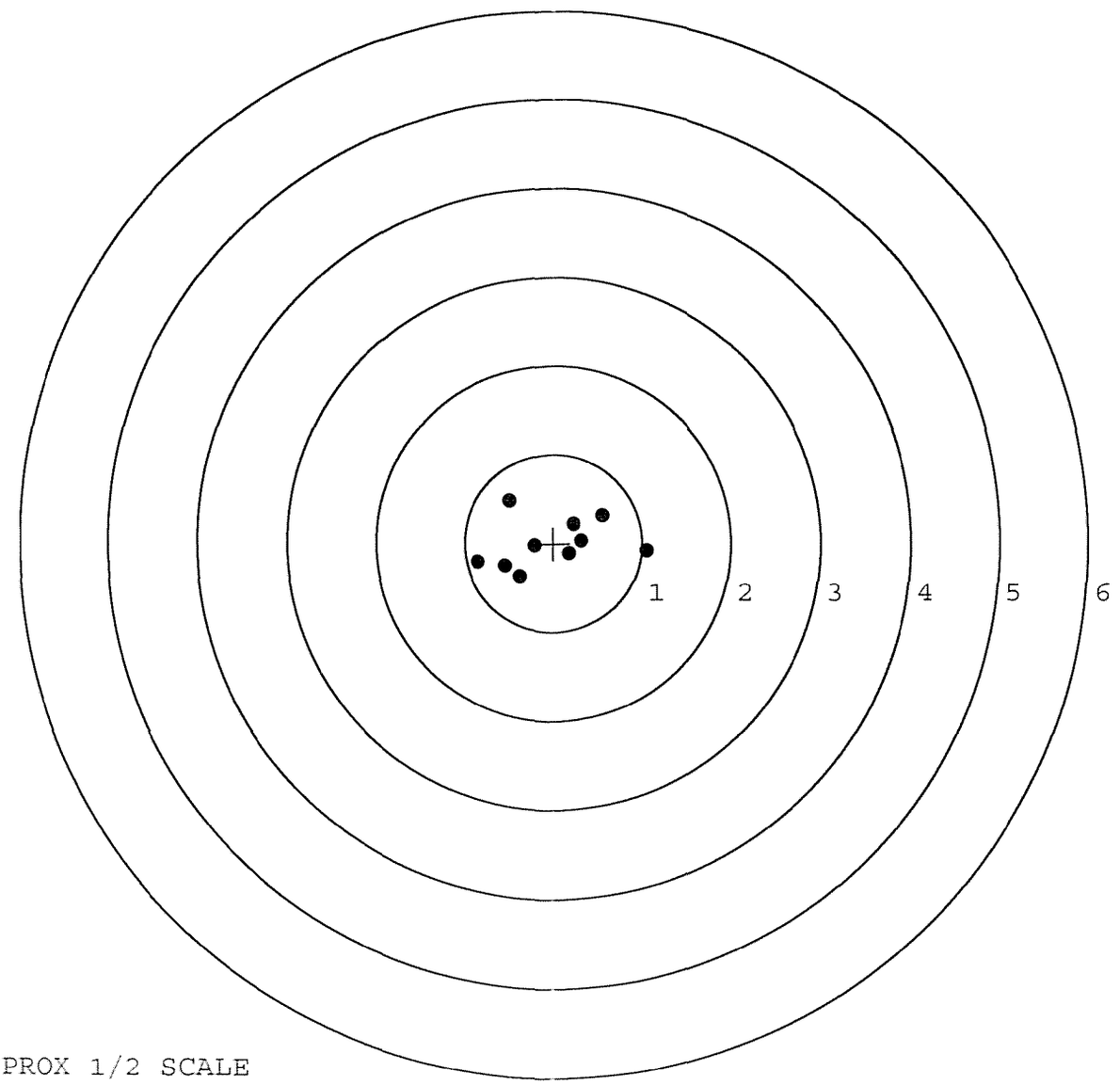
TARGET APPROX 1/2 SCALE

BARBER - M24 0107804

SERIAL NUMBER: C6349100.__0
TARGET NUMBER: 4
FILE DATE: 10/06/2004
FILE TIME: 11:03

X CENTROID:	-0.017
Y CENTROID:	-0.004
POA TO CENTROID:	0.017
HORZ SPREAD:	1.902
VERT SPREAD:	0.851
GROUP SPREAD:	1.907
MIN RADIUS:	0.201
MAX RADIUS:	1.067
MEAN RADIUS:	0.547
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.048	-0.083
2:	-0.496	0.475
3:	-0.854	-0.216
4:	-0.550	-0.259
5:	-0.380	-0.376
6:	-0.216	-0.026
7:	0.176	-0.114
8:	0.231	0.218
9:	0.560	0.307
10:	0.316	0.033



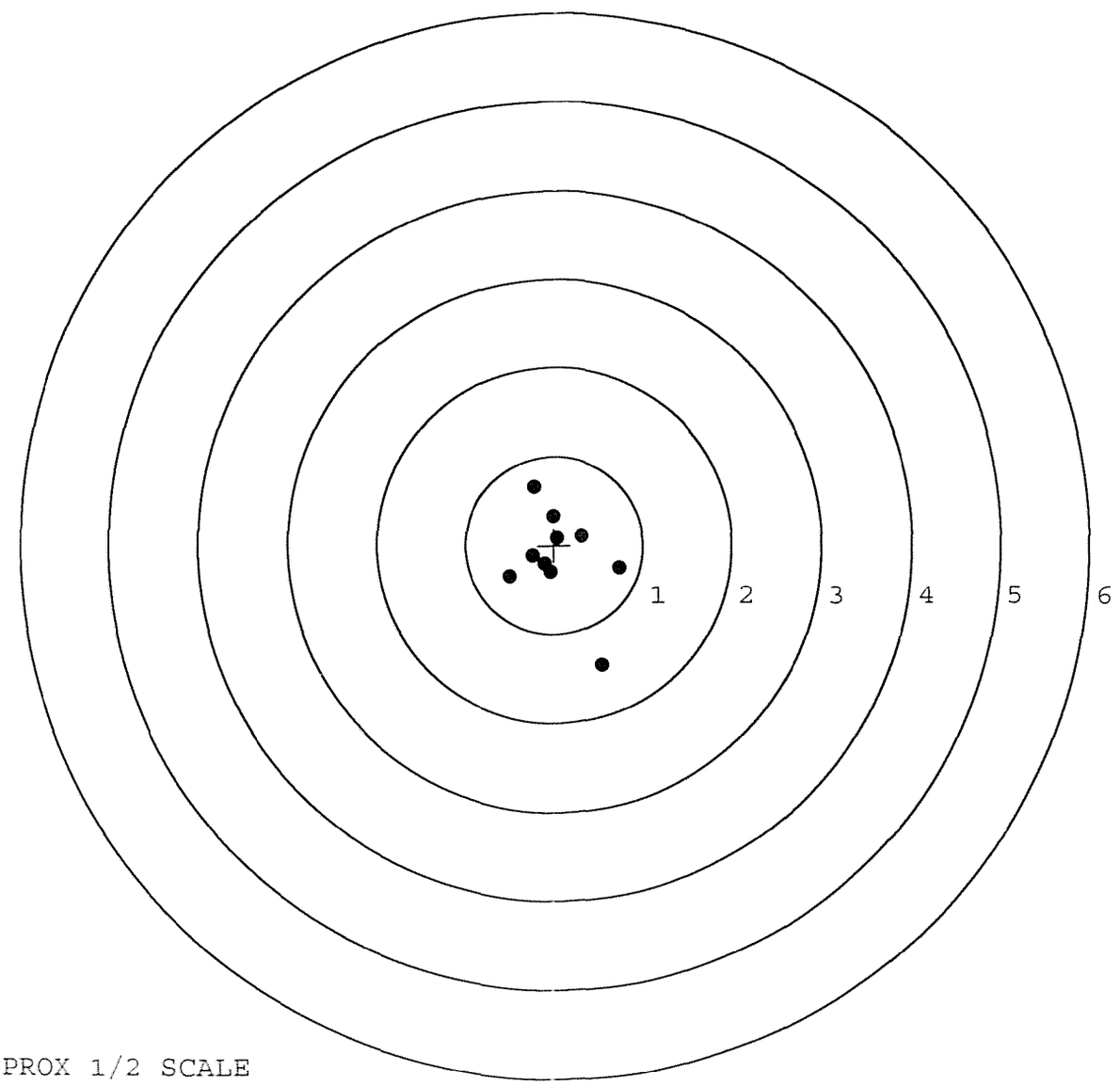
TARGET APPROX 1/2 SCALE

BARBER - M24 0107805

SERIAL NUMBER: C6349100.__0
TARGET NUMBER: 5
FILE DATE: 10/06/2004
FILE TIME: 11:03

X CENTROID:	0.049
Y CENTROID:	-0.141
POA TO CENTROID:	0.150
HORZ SPREAD:	1.239
VERT SPREAD:	2.005
GROUP SPREAD:	2.151
MIN RADIUS:	0.173
MAX RADIUS:	1.307
MEAN RADIUS:	0.515
# IN 1 IN DIAMETER:	6
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.549	-1.349
2:	0.738	-0.253
3:	-0.230	0.656
4:	-0.016	0.322
5:	0.315	0.106
6:	-0.501	-0.347
7:	-0.041	-0.304
8:	-0.244	-0.120
9:	0.035	0.083
10:	-0.110	-0.208



TARGET APPROX 1/2 SCALE

BARBER - M24 0107806

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

R & E NUMBER			
SERIAL NUMBER	C603499 00		
LOG-IN DATE	9-16-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	9-21-04	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		OPERATOR
615	ROLLMARK CALIBER	9/24/04	JB
618	ROTO-BLAST	9/27	JWO
620	APPLY COATINGS	9/28	HP
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 10-6-04	[redacted]	[redacted] TRW
655	FINAL INSPECT	10-7-04	RTL
660	PACK	10-8-04	KAA
		SHIP DATE	
	QAR INSPECTION DATE		

MAGNA-FLUX INSPECTED OCT 2 2004

Remington®

DU PONT
REG. U.S. PAT. & TM. OFF.

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

MODEL 700™ M24

SERIAL NO. C6349100

ORDER NO. 5716

01

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

5716 C6349100

UPC

0 47700 25716 7

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349100

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		[illegible]
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	TA
	Apply Coating (Bolt)			TA
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		4/30/90	DH

BARBER - M24 0107809

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			5/1/90	JRS
	G) Safety Off Force	2	2	2			5/1/90	JRS
	H) Trigger Pull Test & Retainability						4/30/90	JH
	I) Firing Pin Indent	.0215	.022	.022			5/1/90	JRS
	J) Assemble Stock						5/4/90	RW
	K) Assemble Swivel Studs						5/8/90	WB
	L) Attach Front and Rear Sight Assemblies						5/4/90	RW
	M) Iron Sight Alignment						5/4/90	RW
	N) Detach Front & Rear Sights & place in numbered container						5/4/90	RW
	O) Attach Scope to Rifle						5/4/90	JRS
	P) Detach & Attach Scope 20 Times						5/4/90	JH
640	Gallery Target & Test						5-4-90	DH
	A) Time						5-4-90	DH
	B) Malfunctions						5-4-90	DH
	C) Pierced Primers						5-4-90	DH
	D) Optical Clearity of Scope						5-4-90	DH
645	Inspect for Live Ammo						5-4-90	DH
655	Final Inspection A) Headspace						5/8/90	WB
	B) Trigger Pull	2.54	2.52	2.46	2.52	2.49	5/7/90	WB
	C) Function						5/8/90	WB
660	Pack						6/9/90	DH

SWS TRIGGER PULL TEST

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

SERIAL NO. C6349100

DATE 4/30/90

TESTER JJL.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.42	2.23	2.34	2.54	MIN. SETTING,
PULL #2	2.43	2.24	2.34	2.52	NO AVG. OF 5
PULL #3	2.40	2.37	2.32	2.46	READINGS ACCEPT-
PULL #4	2.37	2.37	2.31	2.52	ABLE LESS THAN 2#
PULL #5	2.32	2.35	2.37	2.49	
TOTAL	11.94	11.56	11.68		
AVG.	2.388	2.312	2.336		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.38	3.41		
PULL #2	3.43	3.43		
PULL #3	3.30	3.45		
PULL #4	3.37	3.41		
PULL #5	3.42	3.40		
TOTAL	16.90	17.10		
AVG.	3.38	3.42		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.37	4.27		4.49
PULL #2	4.30	4.28		4.42
PULL #3	4.40	4.35		4.41
PULL #4	4.34	4.27		4.42
PULL #5	4.33	4.41		4.38
TOTAL	21.64	21.58		22.12
AVG.	4.328	4.316		4.424

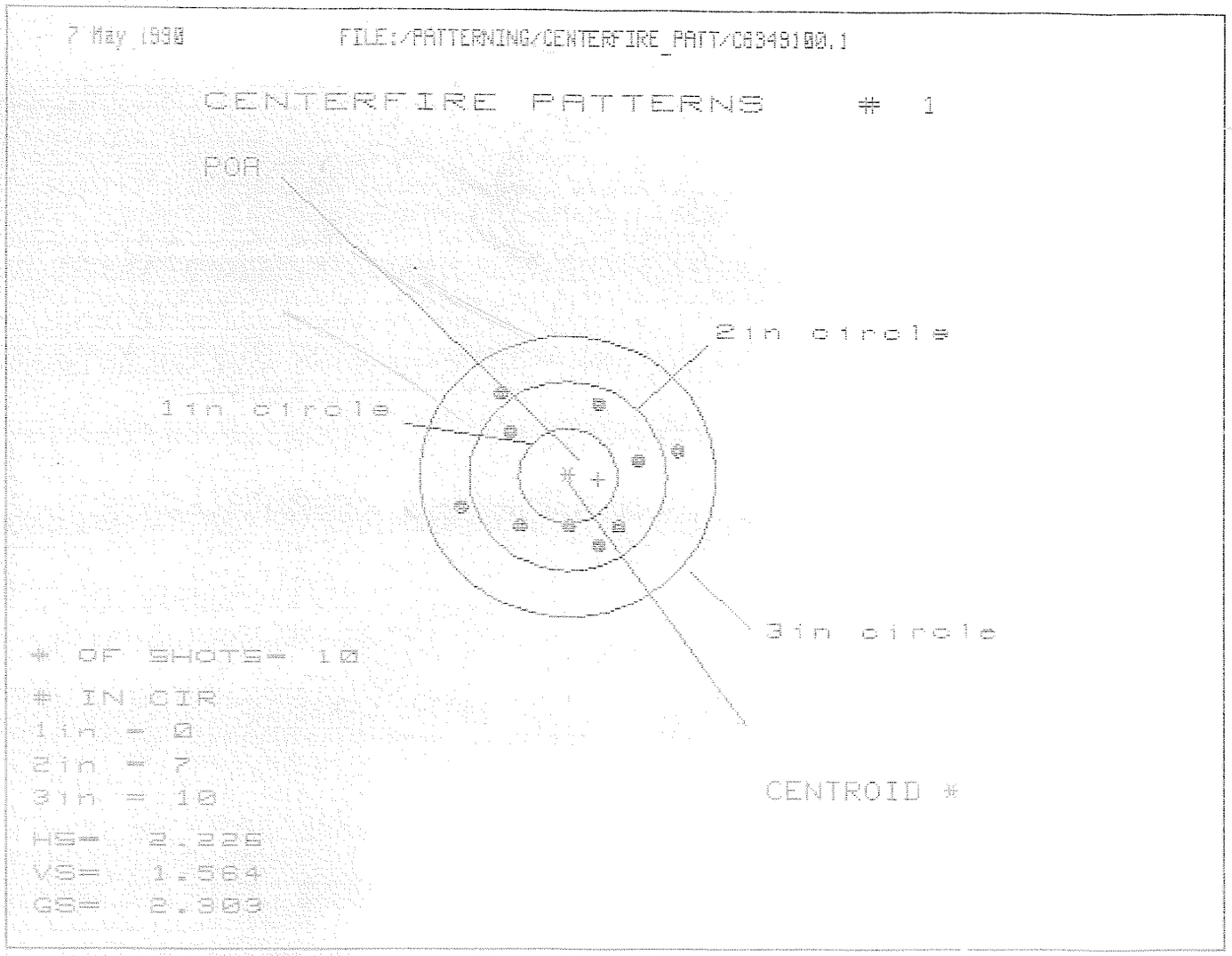
CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349100
7 May 1990

CENTROIDAL DISTANCES

0	TO	1	.315075
1	TO	2	.429516
1	TO	3	.701747
1	TO	4	.633678
1	TO	5	.326435

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0642
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0882
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .109091

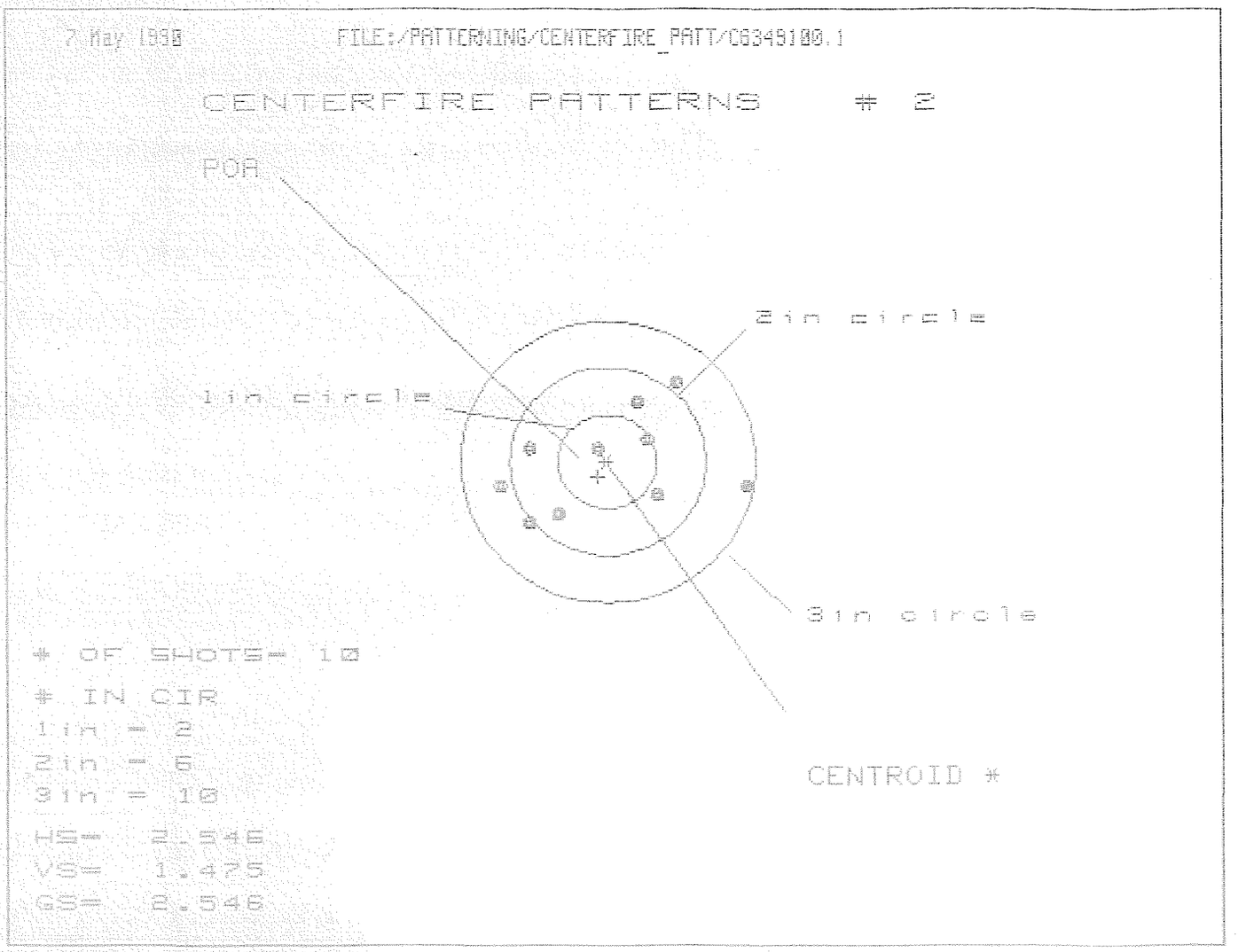
THE AMR FOR THIS RIFLE IS: .8398



PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.117	.993	.694
MINIMUM X	:	-1.110	-.806	-.682
MAXIMUM Y	:	.840	.802	.828
MINIMUM Y	:	-.724	-.762	-.736
CENTROID X	:	-.314	-.190	-.314
CENTROID Y	:	.026	.064	.038
POA TO CENTROID in.	:	.315	.201	.317
MIN RADIUS	:	.503	.547	.515
MEAN RADIUS	:	.843	.799	.767
MAX RADIUS	:	1.162	1.137	1.072
HORIZONTAL SPREAD	:	2.226	1.799	1.376
VERTICAL SPREAD	:	1.564	1.564	1.564
EXTREME SPREAD	:	2.303	1.894	1.849
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

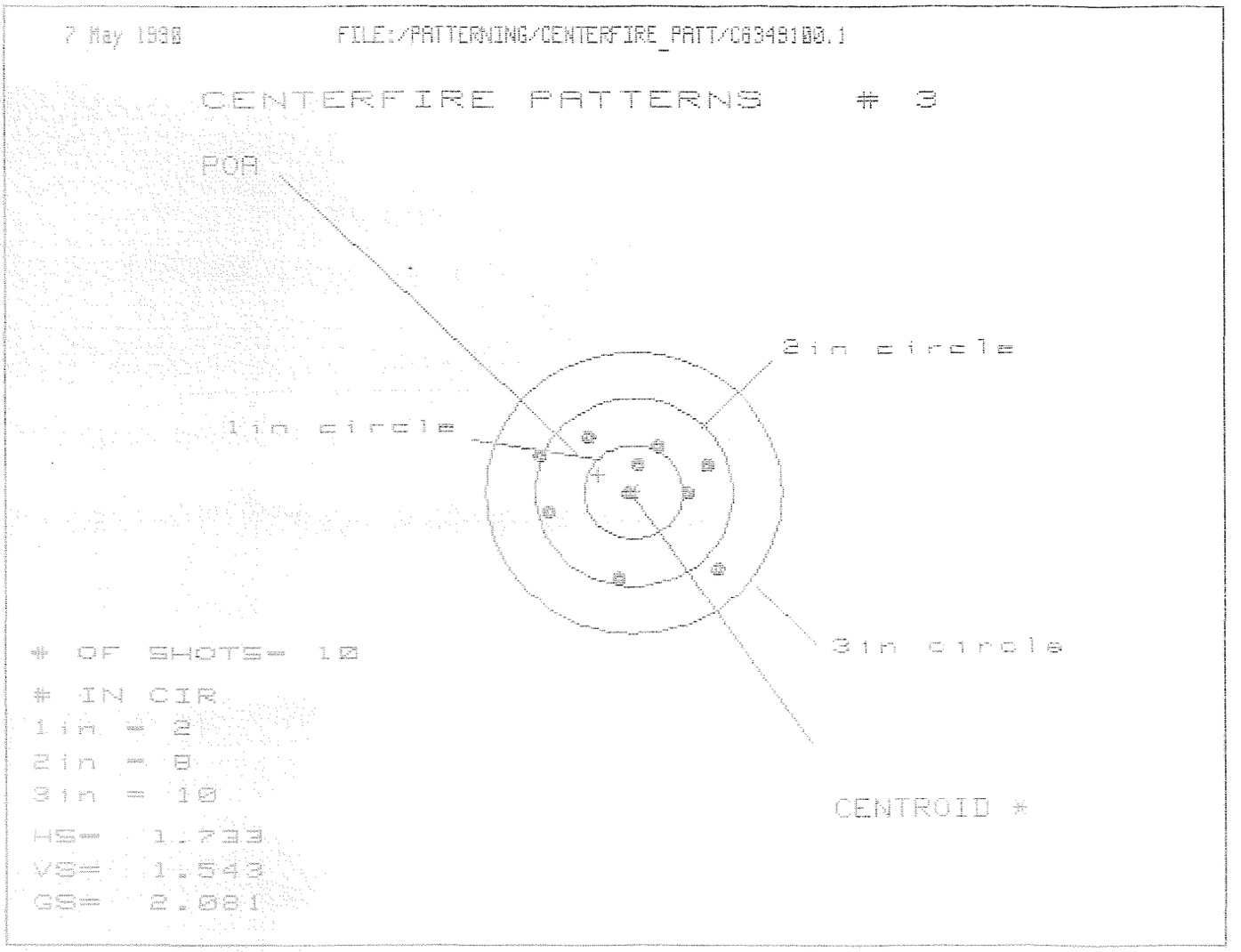
7 May 1998 FILE:/PATTERNING/CENTERFIRE_PATT/C63451100.1

CENTERFIRE PATTERNS # 2

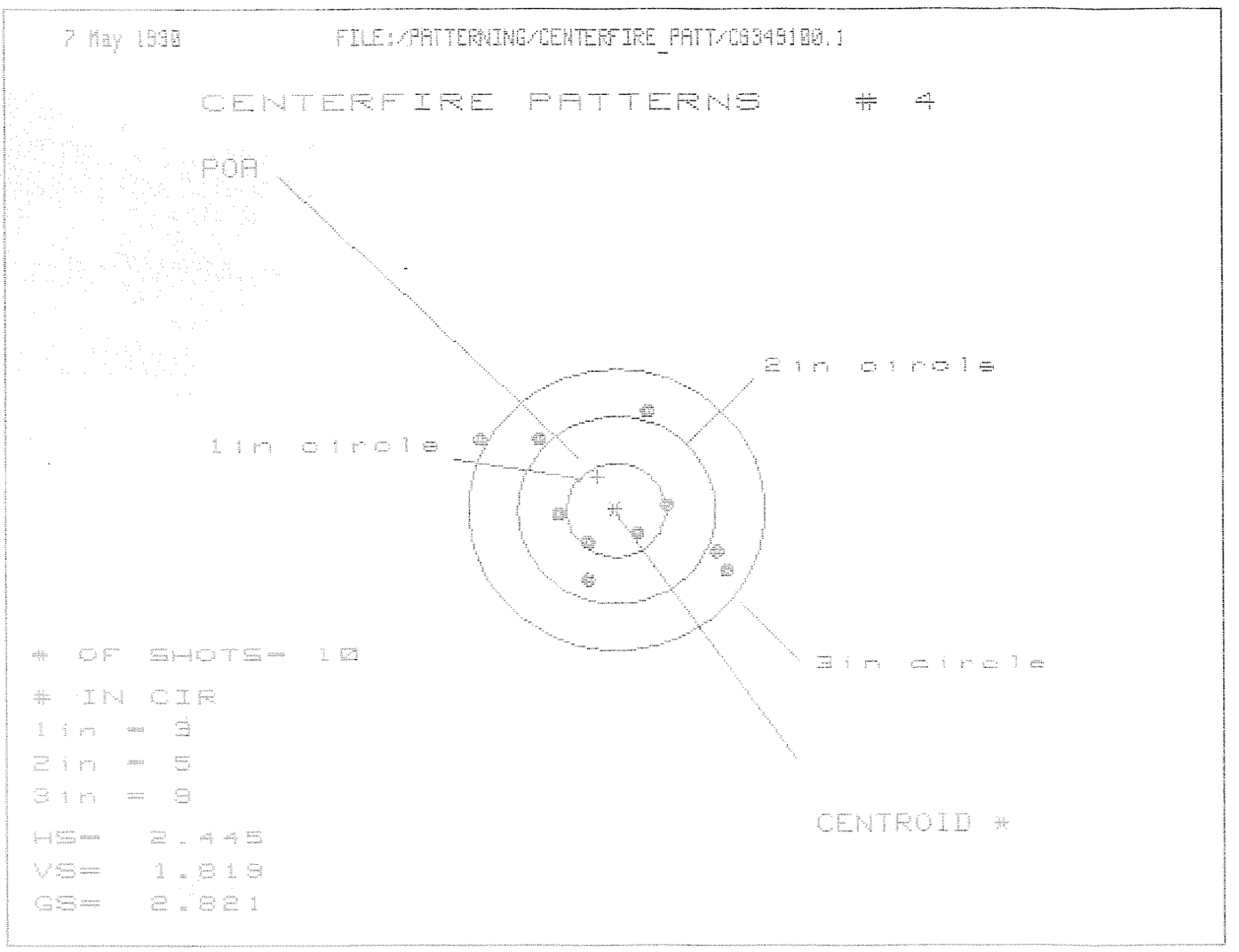


# OF SHOTS= 10
# IN CIR
1in = 2
2in = 6
3in = 10
HS= 2.546
VS= 1.475
GS= 2.546

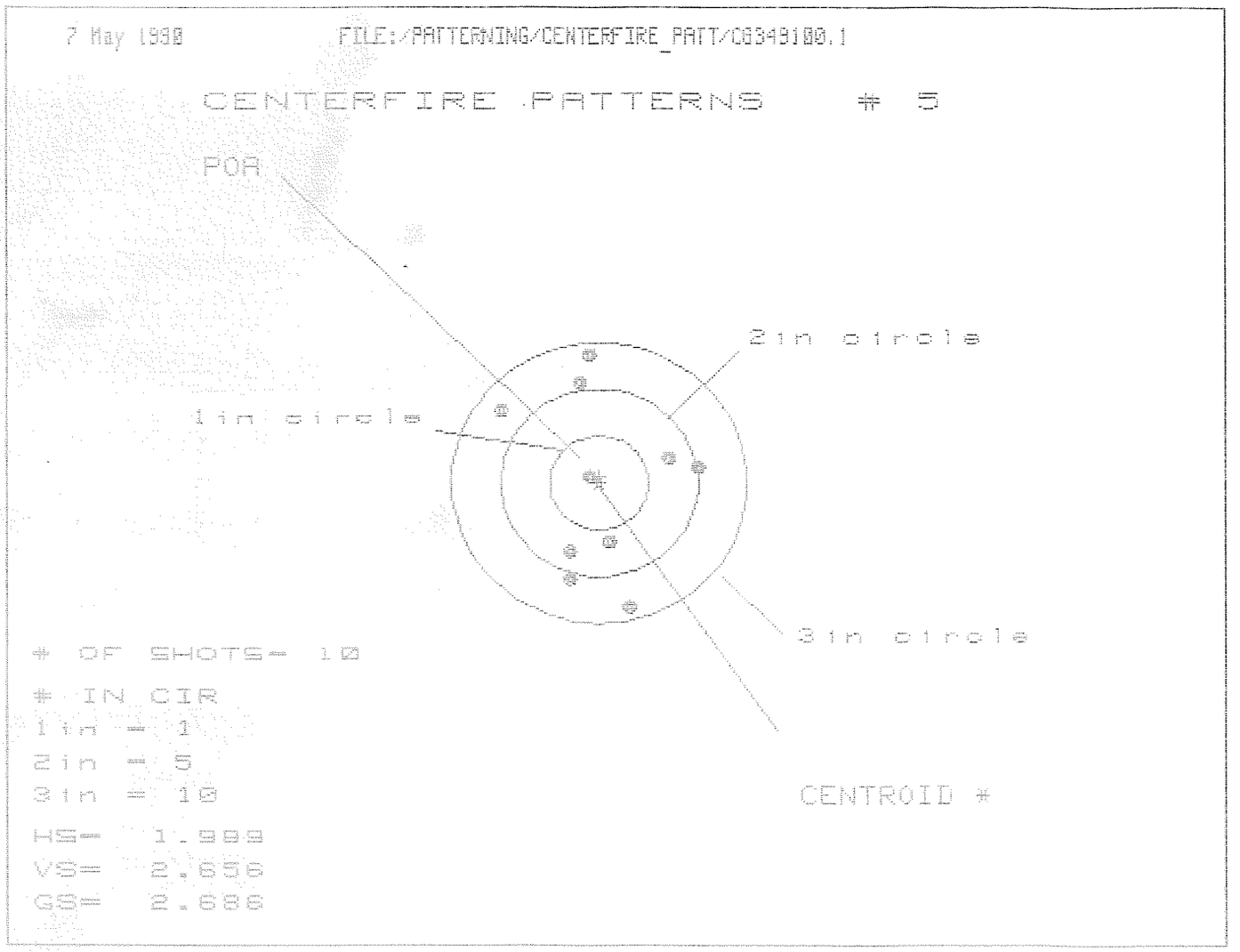
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.429	.868	.749
MINIMUM X	:	-1.117	-.958	-.785
MAXIMUM Y	:	.863	.838	.804
MINIMUM Y	:	-.612	-.637	-.670
CENTROID X	:	.096	-.063	.057
CENTROID Y	:	.154	.179	.212
POA TO CENTROID in.	:	.181	.189	.220
MIN RADIUS	:	.170	.151	.101
MEAN RADIUS	:	.832	.755	.708
MAX RADIUS	:	1.446	1.207	1.099
HORIZONTAL SPREAD	:	2.546	1.826	1.534
VERTICAL SPREAD	:	1.475	1.475	1.475
EXTREME SPREAD	:	2.546	2.137	2.117
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.796	.875	.768
MINIMUM X	:	-.937	-.848	-.889
MAXIMUM Y	:	.632	.544	.578
MINIMUM Y	:	-.911	-.999	-.965
CENTROID X	:	.354	.265	.371
CENTROID Y	:	-.189	-.101	-.135
POA TO CENTROID in.	:	.401	.284	.395
MIN RADIUS	:	.063	.106	.104
MEAN RADIUS	:	.696	.642	.597
MAX RADIUS	:	1.121	.999	.973
HORIZONTAL SPREAD	:	1.733	1.723	1.657
VERTICAL SPREAD	:	1.543	1.543	1.543
EXTREME SPREAD	:	2.081	1.727	1.717
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.091	.941	1.027
MINIMUM X	:	-1.354	-.891	-.774
MAXIMUM Y	:	1.053	1.134	1.060
MINIMUM Y	:	-.766	-.685	-.758
CENTROID X	:	.187	.337	.220
CENTROID Y	:	-.362	-.443	-.369
POA TO CENTROID in.	:	.407	.557	.430
MIN RADIUS	:	.367	.215	.340
MEAN RADIUS	:	.883	.786	.749
MAX RADIUS	:	1.540	1.211	1.121
HORIZONTAL SPREAD	:	2.445	1.832	1.801
VERTICAL SPREAD	:	1.819	1.819	1.819
EXTREME SPREAD	:	2.821	2.312	2.161
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.977	1.010	1.001
MINIMUM X	:	-1.012	-.979	-.988
MAXIMUM Y	:	1.324	1.176	1.036
MINIMUM Y	:	-1.332	-1.195	-1.048
CENTROID X	:	-.002	-.035	-.026
CENTROID Y	:	-.070	.078	-.069
POA TO CENTROID in.	:	.070	.086	.074
MIN RADIUS	:	.156	.133	.134
MEAN RADIUS	:	.945	.895	.843
MAX RADIUS	:	1.365	1.232	1.249
HORIZONTAL SPREAD	:	1.989	1.989	1.989
VERTICAL SPREAD	:	2.656	2.371	2.084
EXTREME SPREAD	:	2.686	2.382	2.088
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	