C6349056

MODEL 700™ M24

Model SWS ™

Action

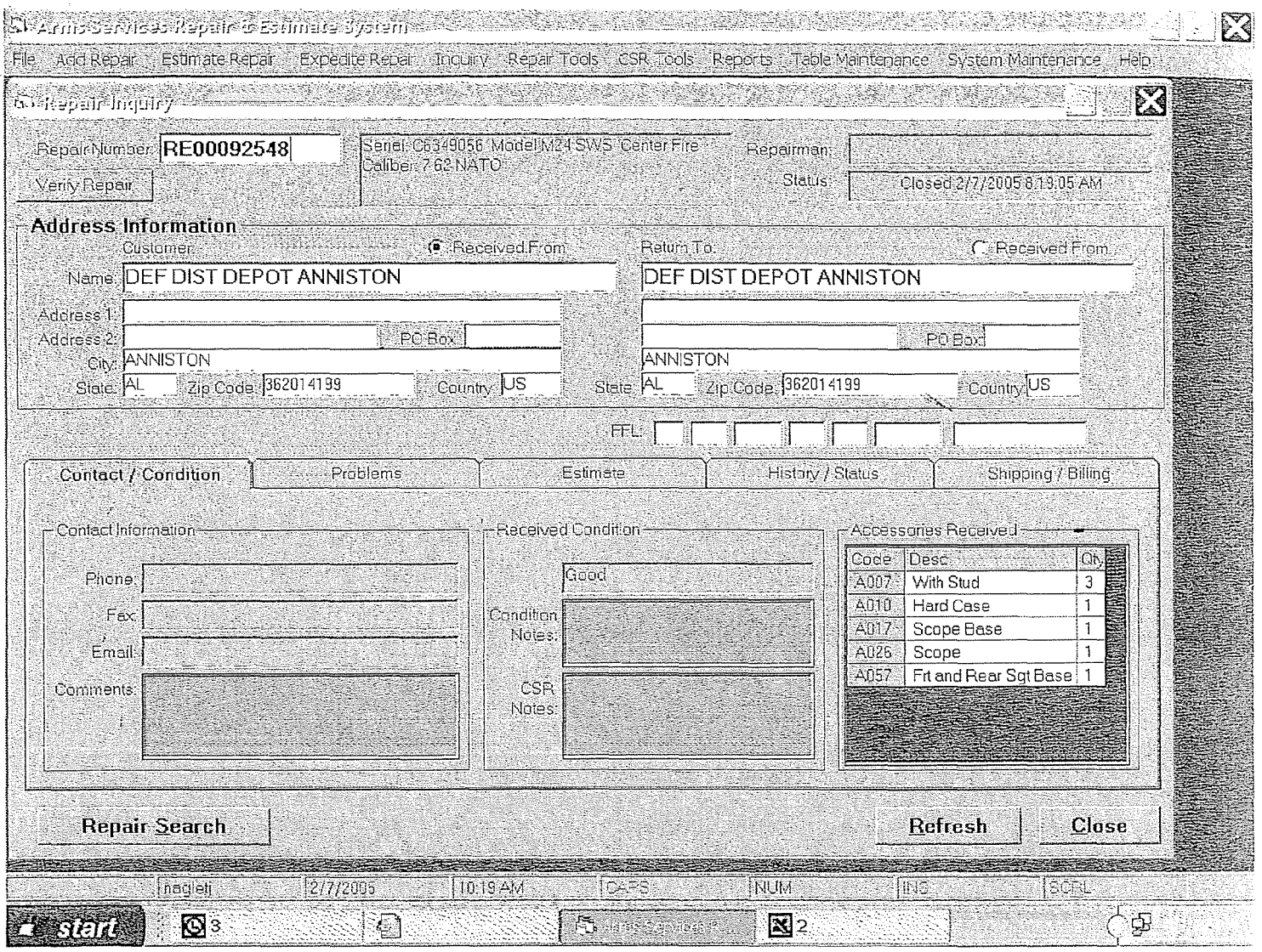
Barrel Length

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: RE00092548
Verify Repair
Serial: C6349056 Model:M24 SWS Center Fire Caliber: 7.62 NATO
Repairman:
Status: Closed 2/7/2005 8:19:05 AM
Address Information
Customer
Received From
Name: DEF DIST DEPOT ANNISTON
Address 1:
Address 2:
PO Box
City: ANNISTON
State: AL Zip Code: 362014199 Country: US
Return To:
Received From
DEF DIST DEPOT ANNISTON
PO Box
ANNISTON
State: AL Zip Code: 362014199 Country: US
FFL:
Contact / Condition
Problems
Estimate
History / Status
Shipping / Billing
Contact Information
Phone:
Fax:
Email:
Comments:
Received Condition
Good
Condition Notes:
CSR Notes:
Accessories Received
Code Desc Qty
A007 With Stud 3
A010 Hard Case 1
A017 Scope Base 1
A026 Scope 1
A057 Frt and Rear Sgt Base 1
Repair Search
Refresh
Close
nagleti 2/7/2005 10:19 AM CAPS NUM INS SCRL
start


Serial Number: C6349056
Model: M24 SWS
RE00092548

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349056.__0
FILE DATE AND TIME: 04/15/2005 08:23

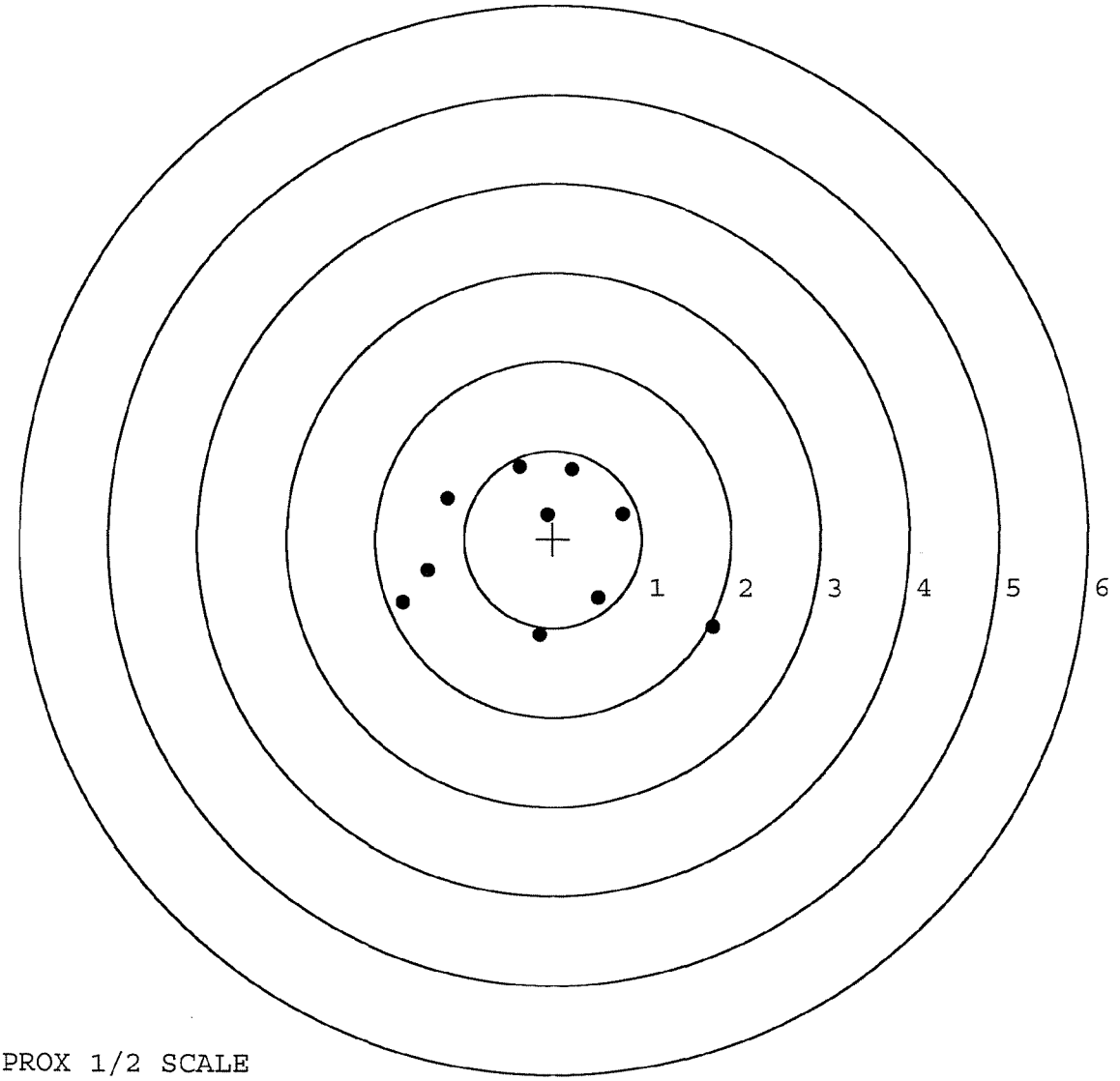
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.046
The Average Y Centroid of the Five Target Set:	-0.150
The Average Point of Impact of the Five Target Set:	0.157
The Average Mean Radius of the Five Target Set:	0.962
The Distance from POA to Centroid Target #1:	0.197
The Distance from Centroid Target #2 to Centroid Target #1:	0.179
The Distance from Centroid Target #3 to Centroid Target #1:	0.497
The Distance from Centroid Target #4 to Centroid Target #1:	0.359
The Distance from Centroid Target #5 to Centroid Target #1:	0.217

SERIAL NUMBER: C6349056.__0
TARGET NUMBER: 1
FILE DATE: 04/15/2005
FILE TIME: 08:23

X CENTROID:	-0.157
Y CENTROID:	-0.118
POA TO CENTROID:	0.197
HORZ SPREAD:	3.491
VERT SPREAD:	1.903
GROUP SPREAD:	3.501
MIN RADIUS:	0.405
MAX RADIUS:	2.140
MEAN RADIUS:	1.146
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	5
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	1.798	-0.988
2:	0.785	0.283
3:	-0.070	0.278
4:	0.212	0.793
5:	-0.374	0.818
6:	-1.189	0.466
7:	-1.410	-0.355
8:	-1.693	-0.719
9:	-0.147	-1.085
10:	0.513	-0.667

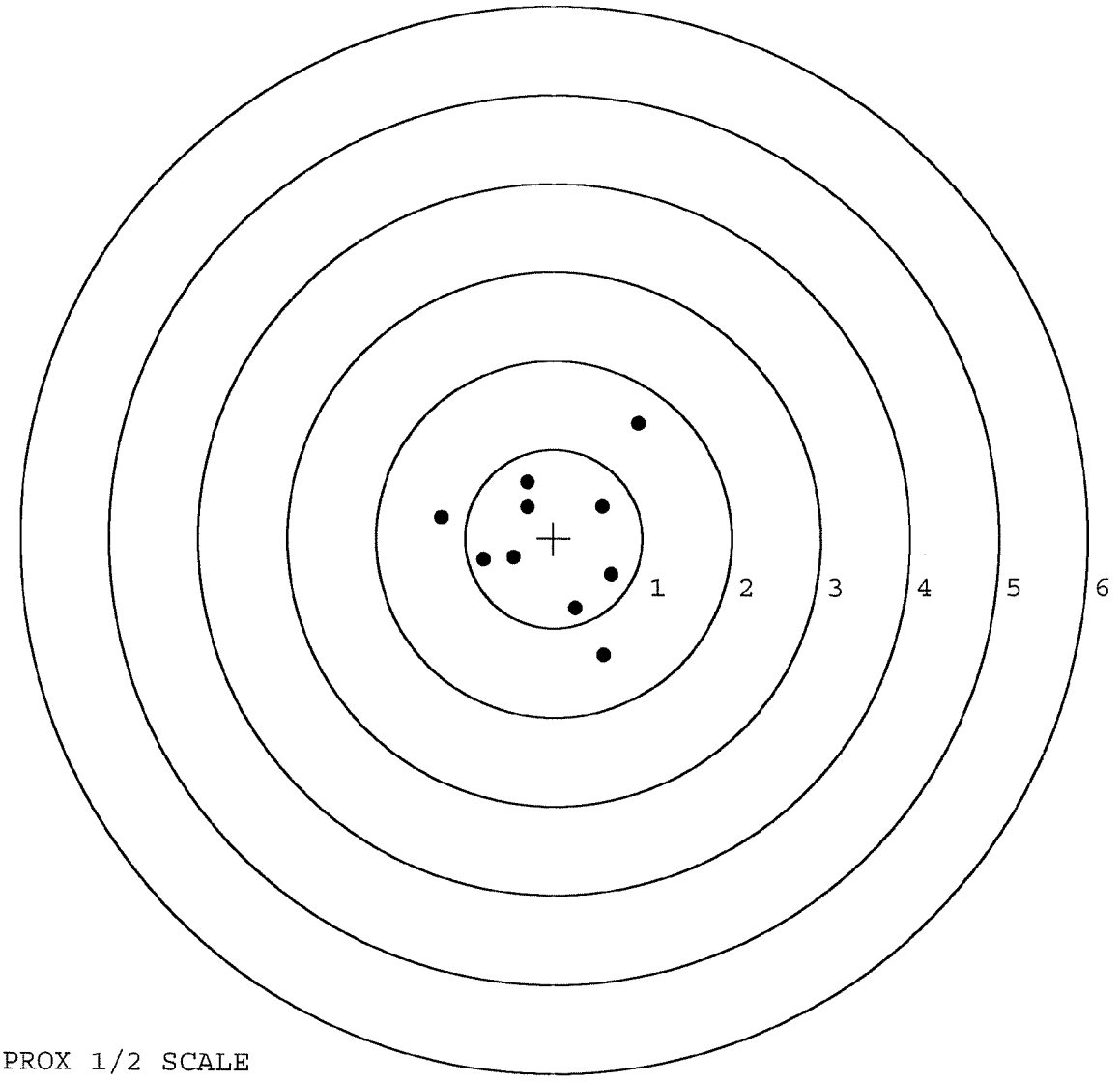


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349056.__0
TARGET NUMBER: 2
FILE DATE: 04/15/2005
FILE TIME: 08:23

X CENTROID:	-0.014
Y CENTROID:	-0.010
POA TO CENTROID:	0.017
HORZ SPREAD:	2.224
VERT SPREAD:	2.595
GROUP SPREAD:	2.625
MIN RADIUS:	0.456
MAX RADIUS:	1.623
MEAN RADIUS:	0.904
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.564	-1.307
2:	0.246	-0.782
3:	0.647	-0.411
4:	0.550	0.356
5:	0.960	1.288
6:	-0.294	0.630
7:	-0.296	0.349
8:	-0.457	-0.218
9:	-0.799	-0.244
10:	-1.264	0.239

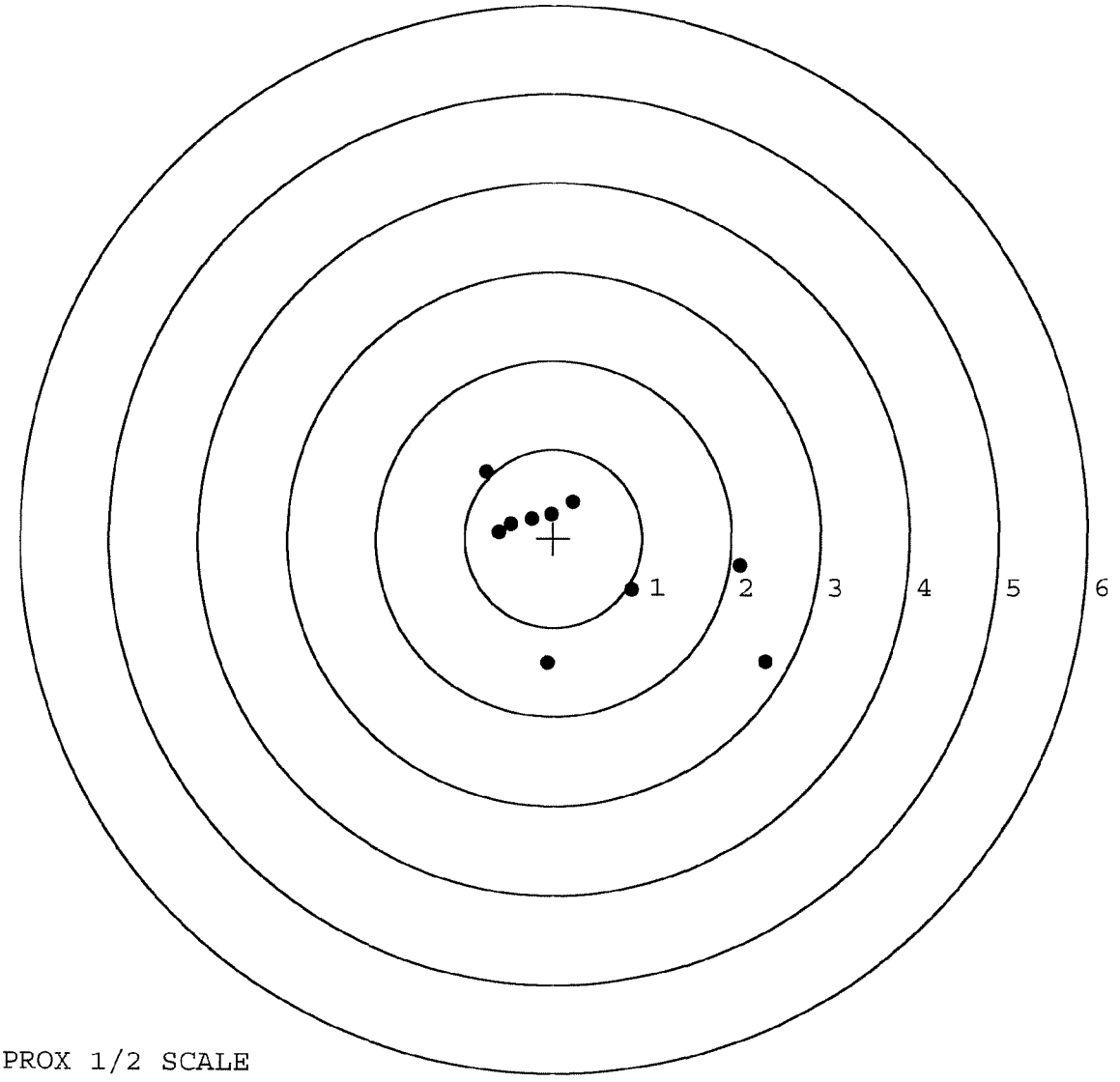


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349056.__0
TARGET NUMBER: 3
FILE DATE: 04/15/2005
FILE TIME: 08:23

X CENTROID:	0.336
Y CENTROID:	-0.179
POA TO CENTROID:	0.380
HORZ SPREAD:	3.133
VERT SPREAD:	2.153
GROUP SPREAD:	3.790
MIN RADIUS:	0.578
MAX RADIUS:	2.368
MEAN RADIUS:	1.131
# IN 1 IN DIAMETER:	0
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	2.375	-1.382
2:	2.100	-0.303
3:	0.882	-0.585
4:	-0.068	-1.402
5:	-0.758	0.751
6:	0.220	0.413
7:	-0.030	0.269
8:	-0.247	0.218
9:	-0.493	0.162
10:	-0.623	0.072

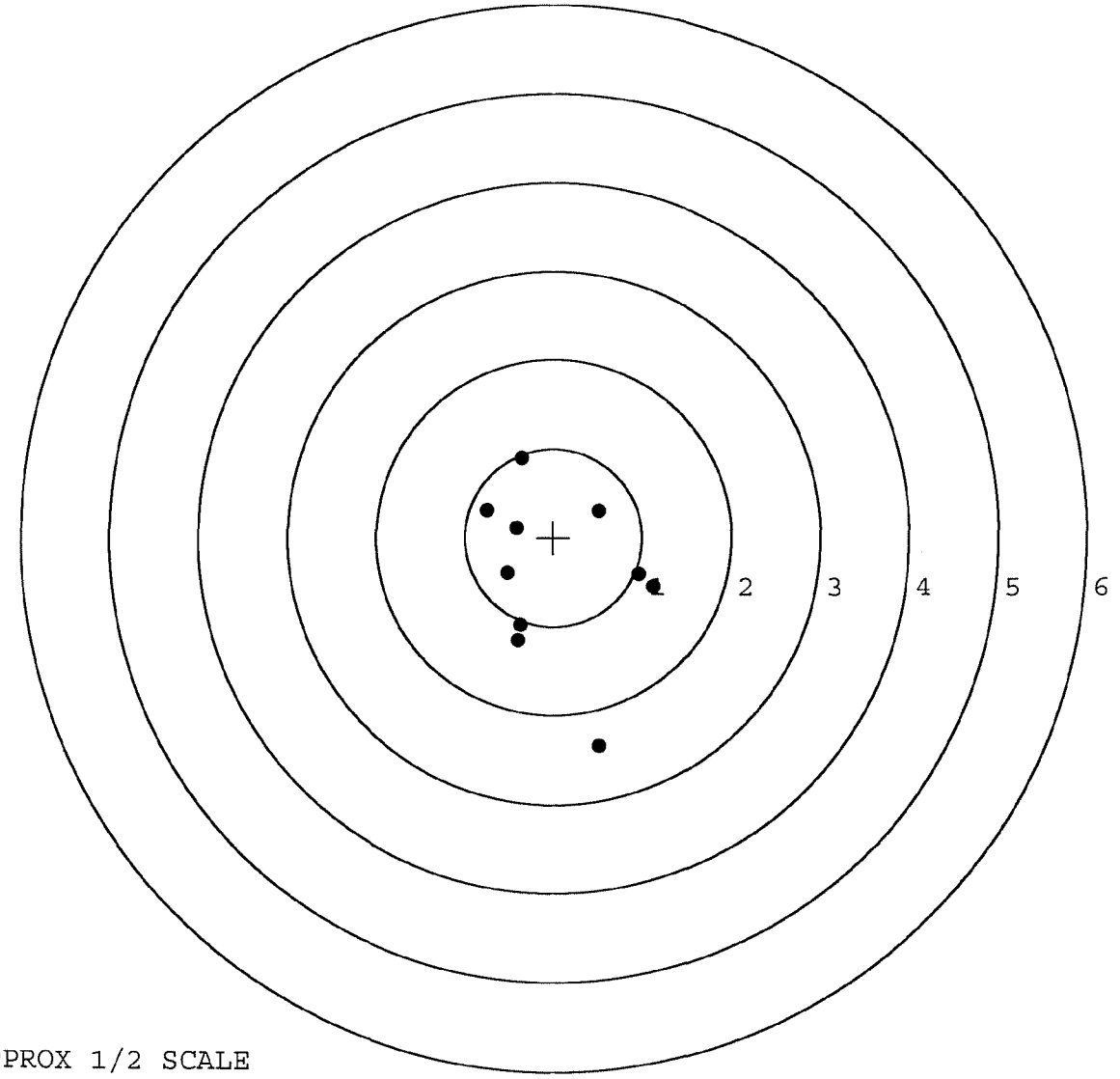


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349056.__0
TARGET NUMBER: 4
FILE DATE: 04/15/2005
FILE TIME: 08:23

X CENTROID:	0.028
Y CENTROID:	-0.425
POA TO CENTROID:	0.426
HORZ SPREAD:	1.883
VERT SPREAD:	3.250
GROUP SPREAD:	3.365
MIN RADIUS:	0.554
MAX RADIUS:	1.987
MEAN RADIUS:	1.016
# IN 1 IN DIAMETER:	0
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.516	-2.351
2:	-0.400	-1.162
3:	-0.377	-0.991
4:	1.124	-0.558
5:	0.965	-0.416
6:	0.510	0.306
7:	-0.526	-0.405
8:	-0.422	0.113
9:	-0.759	0.311
10:	-0.355	0.899

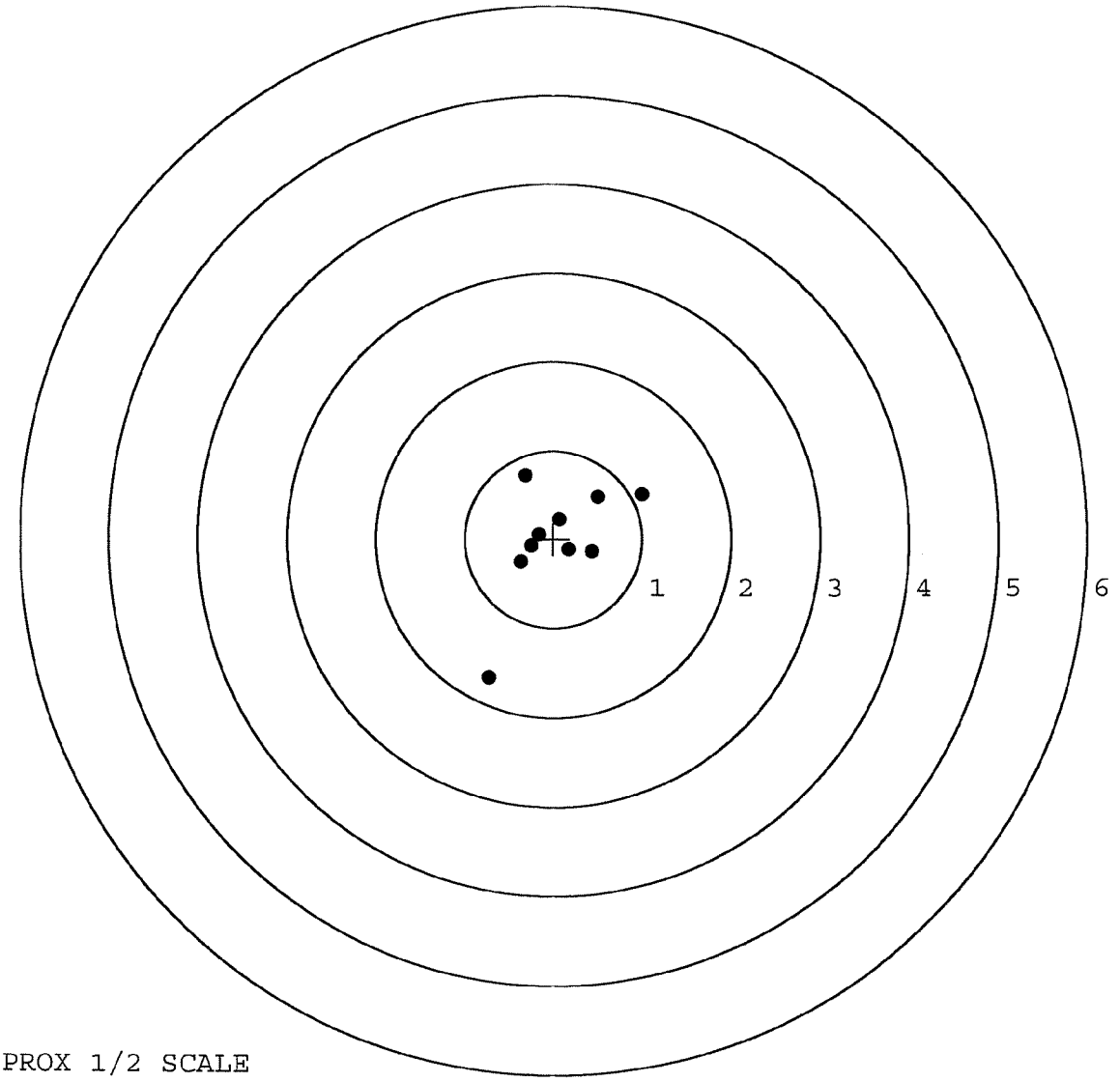


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349056.__0
TARGET NUMBER: 5
FILE DATE: 04/15/2005
FILE TIME: 08:23

X CENTROID:	0.036
Y CENTROID:	-0.019
POA TO CENTROID:	0.041
HORZ SPREAD:	1.728
VERT SPREAD:	2.283
GROUP SPREAD:	2.693
MIN RADIUS:	0.176
MAX RADIUS:	1.717
MEAN RADIUS:	0.614
# IN 1 IN DIAMETER:	6
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	1.000	0.508
2:	0.504	0.481
3:	-0.318	0.726
4:	0.436	-0.145
5:	0.177	-0.124
6:	0.073	0.222
7:	-0.163	0.047
8:	-0.252	-0.084
9:	-0.369	-0.263
10:	-0.728	-1.557



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	92548		
SERIAL NUMBER	C6349056		
LOG-IN DATE	2-7-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	3-14-05	RTL
560 A	RE-BARREL	3-17-05	RTL
B	DRILL AND TAP	3-21-05	TRW
575	ASSEMBLE	3-18-05	RTL
600	PROOF	3-18-05	AC
605	CHECK HEADSPACE	3-18-05	AC
610	DIS-ASSEMBLE GUN	3-21-05	RTL
612	MAGNAFLUX		
615	ROLLMARK CALIBER	3-23-05	CW
618	ROTO-BLAST	3/29	
620	APPLY COATINGS	4/5	
625 A	FINAL ASSEMBLY	4-13-05	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	4-19-05	AC 4-19-05
D	SAFETY "OFF" FORCE	4-19-05	AC 4-19-05
E	FIRING PIN INDENT	4-19-05	AC
640	TARGET	4-15-05	AC
655	FINAL INSPECT	4-19-05	AC
660	PACK	4-20-05	DA
		SHIP DATE	
	QAR INSPECTION DATE		

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. C6349056

ORDER NO. 5716

01

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

5716 C6349056

UPC

0 47700 25716 7

RC50

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349056

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1 12	90	RW
600	Proof	1 12	90	[illegible]
607	Check Headspace	1 12	90	[illegible]
610	Dis-assemble Gun	1 12	90	RW
612	Magnaflux Barrel Action	1-16-90		KCR
	Magnaflux Bolt	1-17-90		KCR
615	Rollmark Caliber		1-17-90	GS
617	Drill and Tap Sight Holes		1-19-90	[illegible]
618	Polish Barrel RB		1-22-90	WB
620	Apply Coatings (Barrel Action)		1-30-90	[illegible]
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/2/90	WB
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/6/90	RW
	C) Inspect Ejector Hole for Chamfer		2/6/90	RW
	D) Oil Firing Pin Ass'y		2/6/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		2-7-90	[illegible]

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	3½	3½	3½			2/8/90	WB
	G) Safety Off Force	2½	2½	2½			2/8/90	WB
	H) Trigger Pull Test & Retainability						2-7-90	JH
	I) Firing Pin Indent	.0235	.0232	.0225			2/8/90	WB
	J) Assemble Stock						4/18/90	RW
	K) Assemble Swivel Studs						4/30/90	WB
	L) Attach Front and Rear Sight Assemblies						4/18/90	RW
	M) Iron Sight Alignment						4/18/90	RW
	N) Detach Front & Rear Sights & place in numbered container						4/18/90	RW
	O) Attach Scope to Rifle						4/18/90	WB
	P) Detach & Attach Scope 20 Times						4/18/90	WB
640	Gallery Target & Test						4-19-90	DH
	A) Time						4-19-90	DH
	B) Malfunctions						4-19-90	DH
	C) Pierced Primers						4-19-90	DH
	D) Optical Clearity of Scope						4-19-90	DH
645	Inspect for Live Ammo						4-19-90	DH
655	Final Inspection A) Headspace						4/30/90	WB
	B) Trigger Pull	2.54	2.51	2.56	2.41	2.27	4/26/90	WB
	C) Function						4/30/90	WB
660	Pack						6-7-90	DH

MOD. _____ GA. CAL. _____ GUN # C6349056 4/19/90

# TEST	DATE	MALFUNCTION/DEFECT	ASSEM. #
DH	1st	shave brass	
	2nd		
	3rd		
	4th		

FUNCTION RD 6654 Rev 1

TEST INIT.	ACTION TO CORRECT	ASSEM. #
PROOF	Ream Ejector hole	RW 4/25/90
TEST		
TGT	Polish Ejector	
PROOF	4/25/90 OK	DH 4/25/90
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		

SWS TRIGGER PULL TEST

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

SERIAL NO. C6349056
DATE 4/16/90
TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.52	2.41	2.45	2.54	MIN. SETTING,
PULL #2	2.55	2.36	2.46	2.51	NO AVG. OF 5
PULL #3	2.52	2.49	2.49	2.56	READINGS ACCEPT-
PULL #4	2.49	2.42	2.48	2.41	ABLE LESS THAN 2#
PULL #5	2.54	2.39	2.44	2.27	
TOTAL	12.62	12.07	12.32		
AVG.	2.51	2.41	2.46		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.24	3.24		
PULL #2	3.28	3.04		
PULL #3	3.29	3.02		
PULL #4	3.28	3.00		
PULL #5	3.28	3.03		
TOTAL	16.37	15.33		
AVG.	3.27	3.06		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.27	4.22		4.14
PULL #2	4.25	4.23		4.19
PULL #3	4.29	4.24		4.19
PULL #4	4.25	4.29		4.21
PULL #5	4.23	4.24		4.20
TOTAL	21.29	21.22		20.93
AVG.	4.25	4.24		4.18

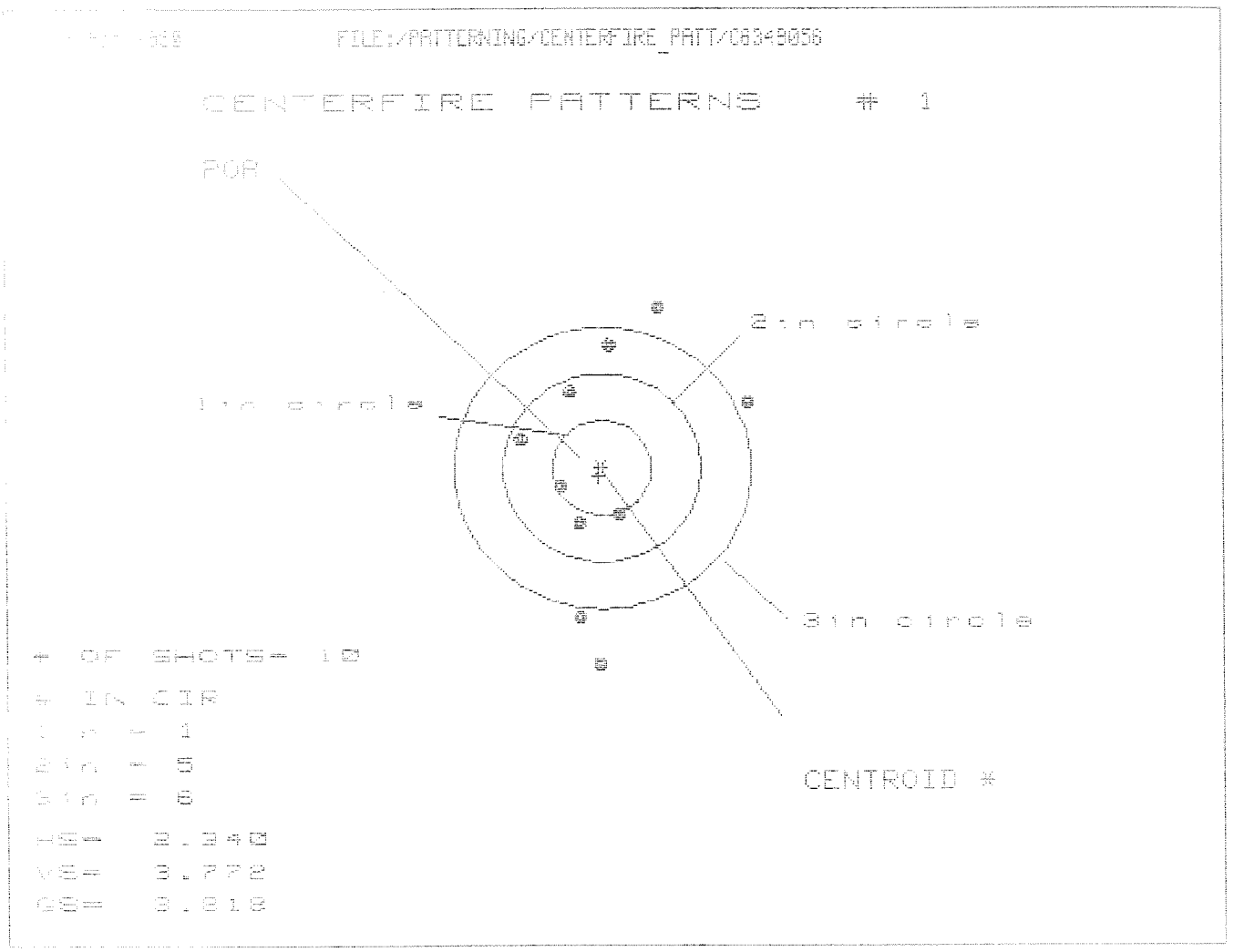
CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349056
18 Apr 1990

CENTROIDAL DISTANCES

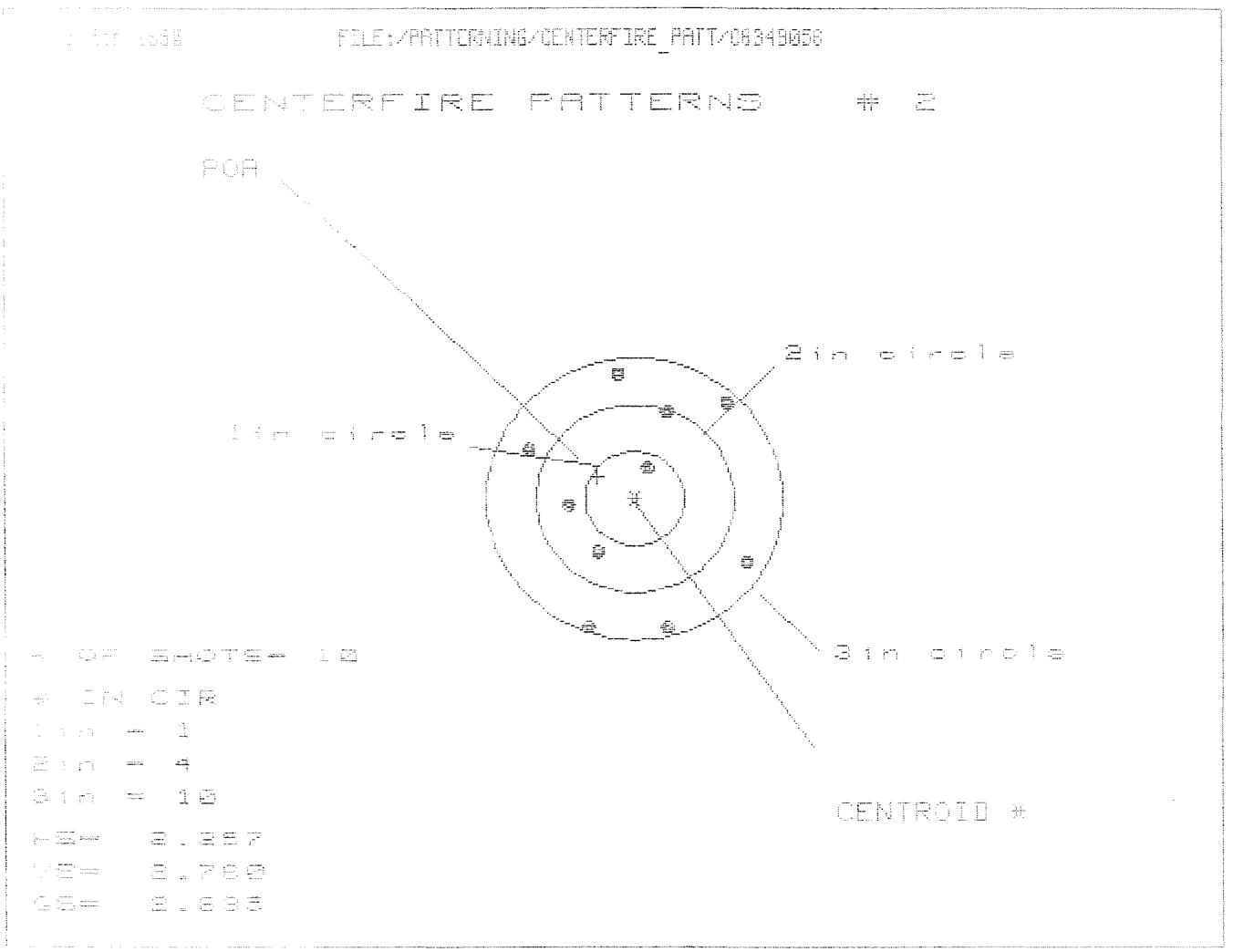
0	TO	1	.0945569
1	TO	2	.470507
1	TO	3	.652396
1	TO	4	.601333
1	TO	5	.322188

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1418
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .3122
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .342894

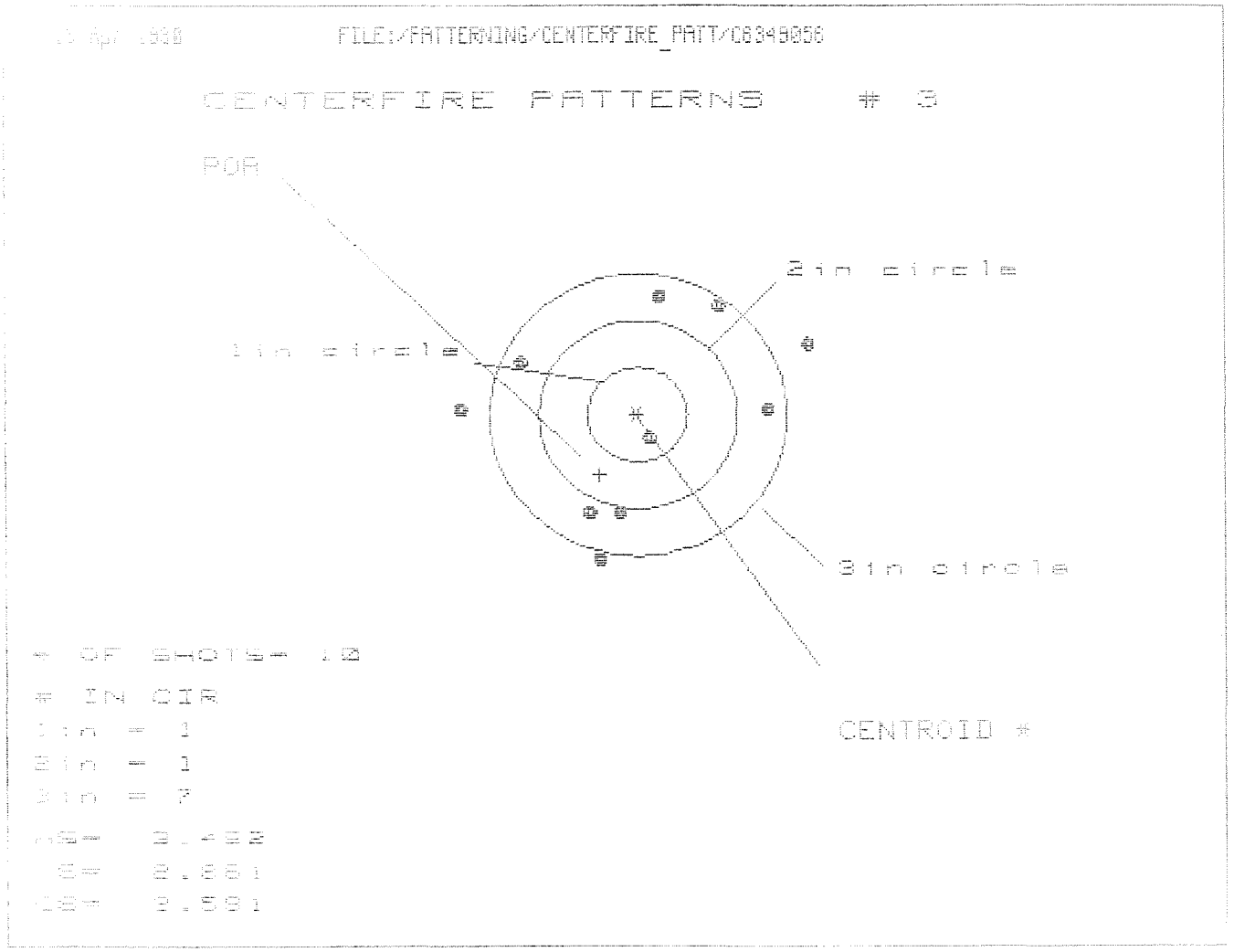
THE AMR FOR THIS RIFLE IS: 1.149



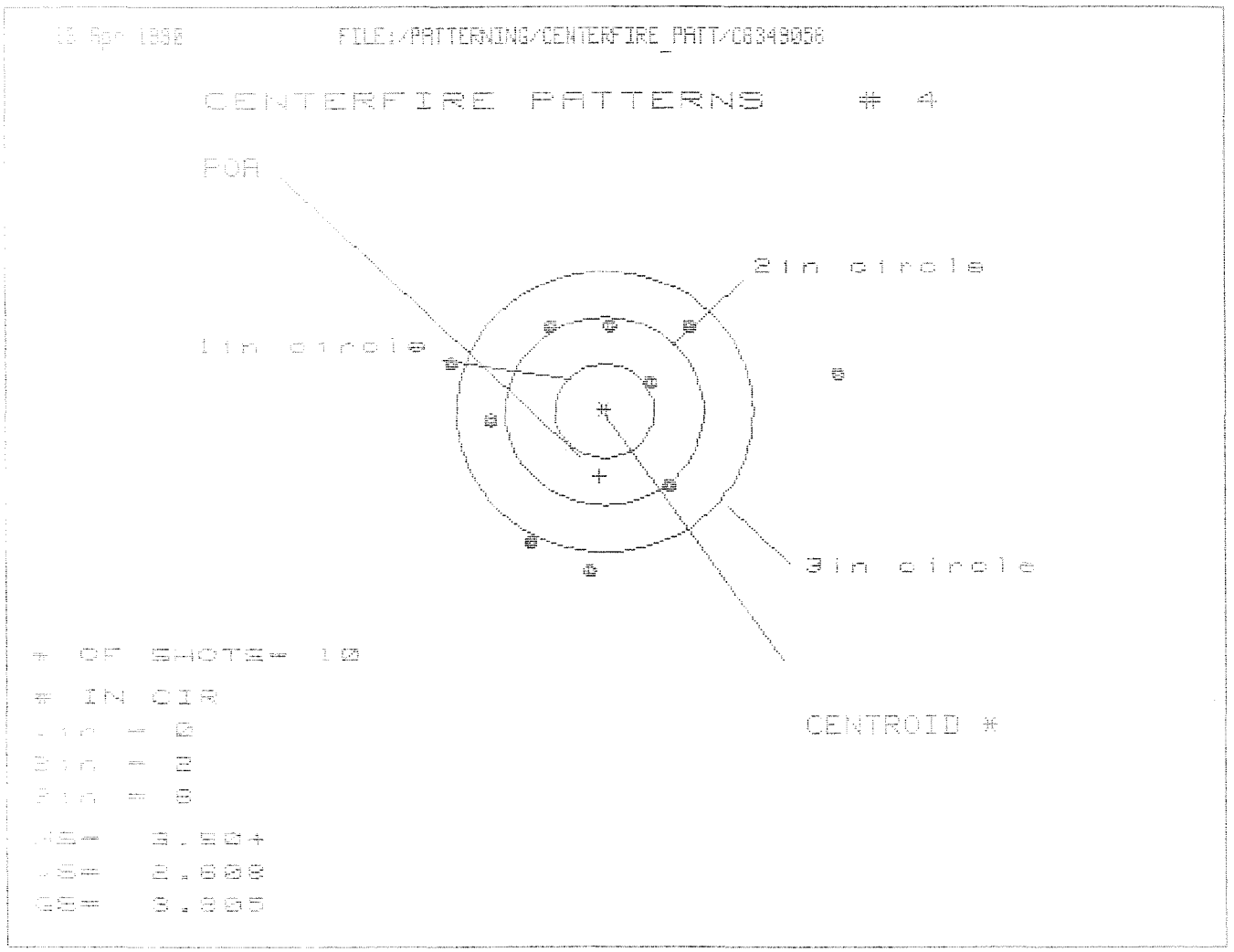
PATTERN #	:	[redacted]		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.471	1.465	1.530
MINIMUM X	:	-.869	-.875	-.809
MAXIMUM Y	:	1.698	1.468	1.223
MINIMUM Y	:	-2.074	-1.783	-1.599
CENTROID X	:	.029	.035	-.030
CENTROID Y	:	.090	.320	.136
POA TO CENTROID in.	:	.094	.322	.140
MI. RADIUS	:	.486	.611	.451
MEAN RADIUS	:	1.178	1.078	.983
MA. RADIUS	:	2.074	1.799	1.681
HORIZONTAL SPREAD	:	2.340	2.340	2.340
VERTICAL SPREAD	:	3.772	3.251	2.822
S. TYPE SPREAD	:	3.810	3.341	2.859
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			5	
NUMBER IN THREE INCH CIRCLE =			6	



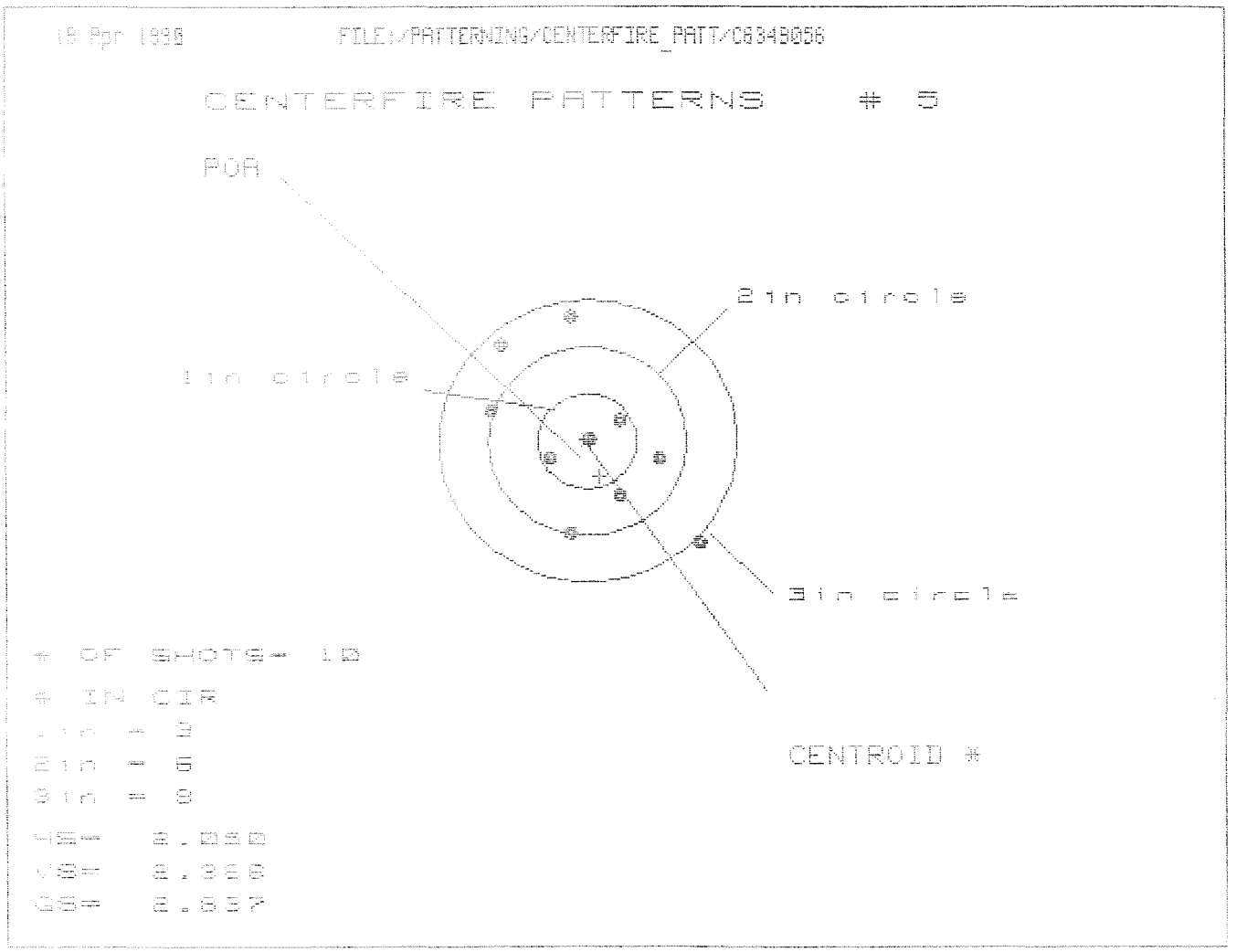
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.151	1.096	1.132
MINIMUM X	:	-1.106	-1.161	-1.125
MAXIMUM Y	:	1.046	1.189	.993
MINIMUM Y	:	-1.414	-1.571	-.979
CENTROID X	:	.373	.428	.392
CENTROID Y	:	-.231	-.075	.121
POA TO CENTROID in.	:	.439	.434	.410
MIN. RADIUS	:	.306	.140	.096
MEAN RADIUS	:	1.089	1.021	.919
MAX. RADIUS	:	1.493	1.597	1.497
HORIZONTAL SPREAD	:	2.257	2.257	2.257
VERTICAL SPREAD	:	2.760	2.760	1.972
EXTREME SPREAD	:	2.835	2.807	2.542
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	[redacted]		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.724	1.489	1.292
MINIMUM X	:	-1.768	-1.577	-1.171
MAXIMUM Y	:	1.275	1.365	1.378
MINIMUM Y	:	-1.586	-1.496	-1.483
CENTROID X	:	.383	.192	.389
CENTROID Y	:	.638	.548	.535
POA TO CENTROID in.	:	.744	.580	.661
MIN RADIUS	:	.240	.316	.148
MEAN RADIUS	:	1.295	1.215	1.143
MAX RADIUS	:	1.904	1.580	1.542
HORIZONTAL SPREAD	:	3.492	3.066	2.463
VERTICAL SPREAD	:	2.861	2.861	2.861
FLIGHT SPREAD	:	3.581	3.066	2.951
# IN CEP 1" ONE INCH CIRCLE	=		1	
# IN CEP 1" TWO INCH CIRCLE	=		1	
# IN CEP 1" THREE INCH CIRCLE	=		7	



PATTERN #	:	[redacted]		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.316	1.066	.900
MINIMUM X	:	-1.588	-1.381	-1.106
MAXIMUM Y	:	.957	1.005	1.075
MINIMUM Y	:	-1.651	-1.603	-1.533
CENTROID X	:	.049	-.208	-.042
CENTROID Y	:	.691	.643	.573
POA TO CENTROID in.	:	.692	.676	.575
MIN RADIUS	:	.549	.791	.694
MEAN RADIUS	:	1.329	1.208	1.169
MAX RADIUS	:	2.355	1.607	1.534
HORIZONTAL SPREAD	:	3.904	2.397	2.006
VERTICAL SPREAD	:	2.608	2.608	2.608
EXTREME SPREAD	:	3.905	2.858	2.858
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		2	
NUMBER IN THREE INCH CIRCLE	=		6	



PATTERN #	:	[redacted]		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.084	.889	.798
MINIMUM X	:	-.966	-.846	-.937
MAXIMUM Y	:	1.328	1.212	1.328
MINIMUM Y	:	-1.039	-1.094	-.978
CENTROID X	:	-.125	-.245	-.154
CENTROID Y	:	.373	.489	.373
POA TO CENTROID in.	:	.394	.547	.404
MIN RADIUS	:	.061	.202	.090
MPI RADIUS	:	.855	.799	.718
MR RADIUS	:	1.501	1.214	1.336
HORIZONTAL SPREAD	:	2.050	1.735	1.735
VERTICAL SPREAD	:	2.366	2.306	2.306
EXTREME SPREAD	:	2.837	2.306	2.306
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	