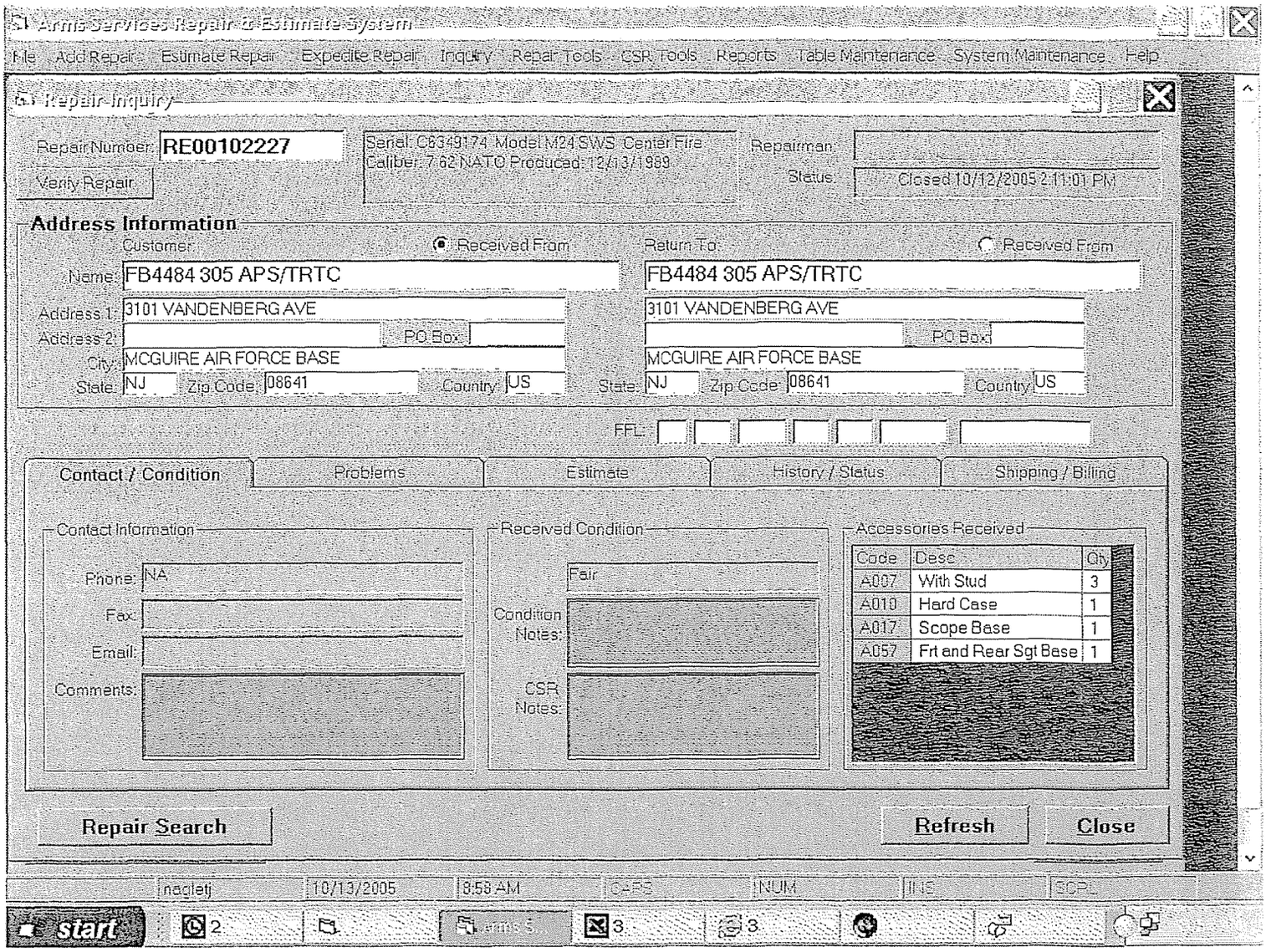
G349174
MODEL 700™ M24
Model SWS™
Action
Barrel Length
Capacity
Order No. 571G
*Includes 1 in chamber.
Remington



Serial Number: C6349174

Model: M24 SWS

RE00102227

AVERAGE PULL FORCE BETWEEN INITIAL & CYCLE TESTS
2.50 LBS (plus or minus 0.50 LBS)
3.00 LBS (plus or minus 0.75 LBS)
4.00 LBS (plus or minus 1.00 LBS)

SERIAL NO. _____

DATE 10-13-05

TESTER SF

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET - 2.50 LBS		COMMENTS
PULL #1	2.25	2.56		2.25	
PULL #2	2.14	2.68		2.52	
PULL #3	2.52	2.65		2.51	
PULL #4	2.53	2.54		2.59	
PULL #5	2.43	2.43		2.51	
TOTAL	11.87	12.86		12.38	
AVERAGE	2.37	2.57		2.48	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.42	3.43		
PULL #2	3.52	3.05		
PULL #3	3.45	3.23		
PULL #4	3.42	3.37		
PULL #5	2.93	3.44		
TOTAL	16.74	16.52		
AVERAGE	3.35	3.30		

	4.00 LBS INITIAL	4.00 LBS AFTER 20 CYCLES	MAX SETTING GREATER THAN 4 LBS	RESET TO 4 LBS FOR TARGET & ACCURACY
PULL #1	3.68	3.87		4.24
PULL #2	3.88	3.87		4.26
PULL #3	4.01	3.93		4.30
PULL #4	3.65	3.77		4.25
PULL #5	3.90	3.89		4.25
TOTAL	19.12	19.33		21.30
AVERAGE	3.82	3.87		4.26

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349174.__0
FILE DATE AND TIME: 12/28/2005 15:47

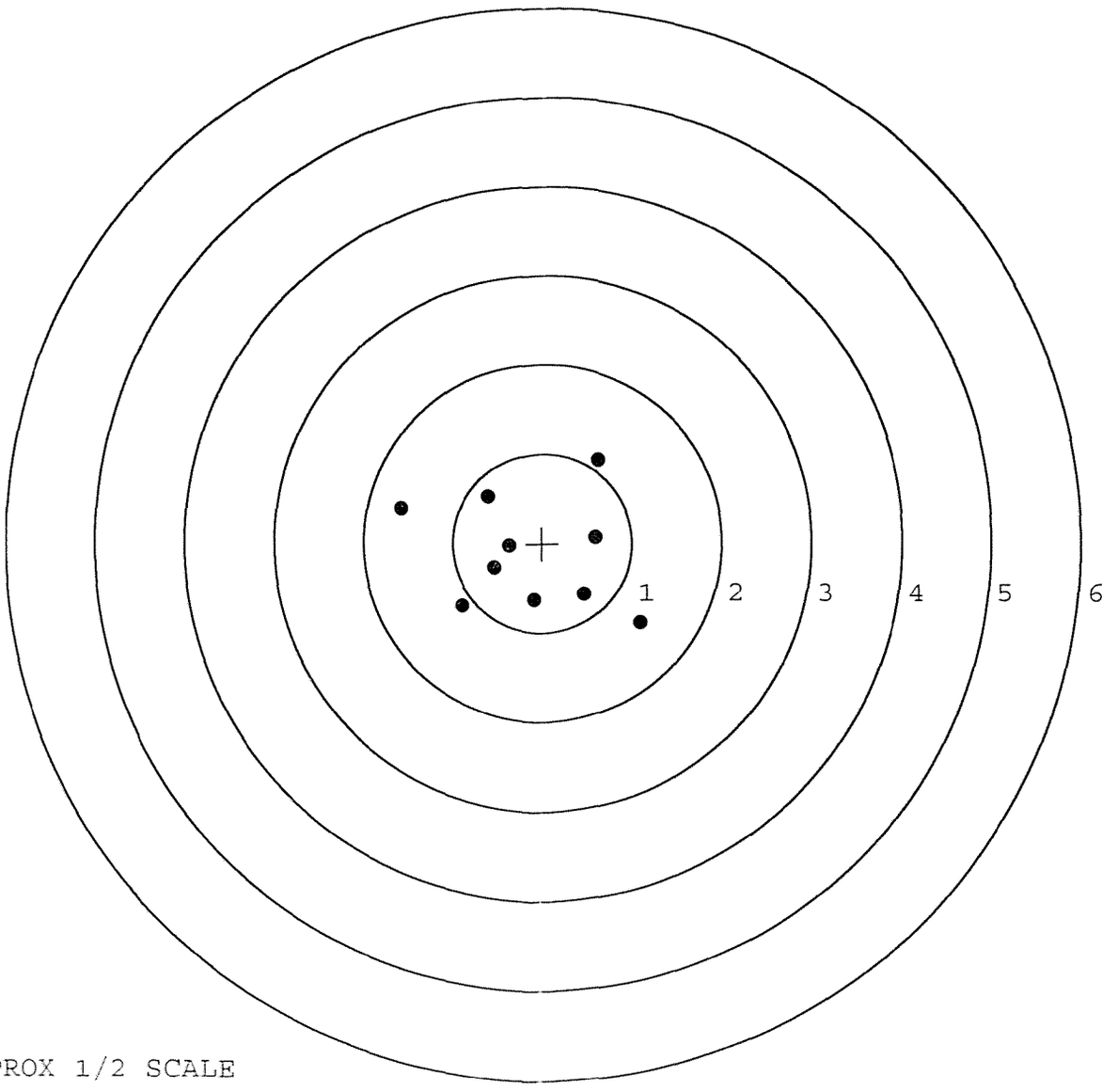
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.074
The Average Y Centroid of the Five Target Set:	-0.015
The Average Point of Impact of the Five Target Set:	0.076
The Average Mean Radius of the Five Target Set:	0.639
The Distance from POA to Centroid Target #1:	0.178
The Distance from Centroid Target #2 to Centroid Target #1:	0.061
The Distance from Centroid Target #3 to Centroid Target #1:	0.266
The Distance from Centroid Target #4 to Centroid Target #1:	0.100
The Distance from Centroid Target #5 to Centroid Target #1:	0.301

SERIAL NUMBER: C6349174.__0
TARGET NUMBER: 1
FILE DATE: 12/28/2005
FILE TIME: 15:47

X CENTROID:	-0.129
Y CENTROID:	-0.122
POA TO CENTROID:	0.178
HORZ SPREAD:	2.686
VERT SPREAD:	1.813
GROUP SPREAD:	2.972
MIN RADIUS:	0.256
MAX RADIUS:	1.544
MEAN RADIUS:	0.876
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	1.099	-0.887
2:	0.476	-0.577
3:	0.598	0.066
4:	0.623	0.926
5:	-0.092	-0.638
6:	-0.536	-0.275
7:	-0.367	-0.027
8:	-0.893	-0.711
9:	-0.613	0.514
10:	-1.587	0.386

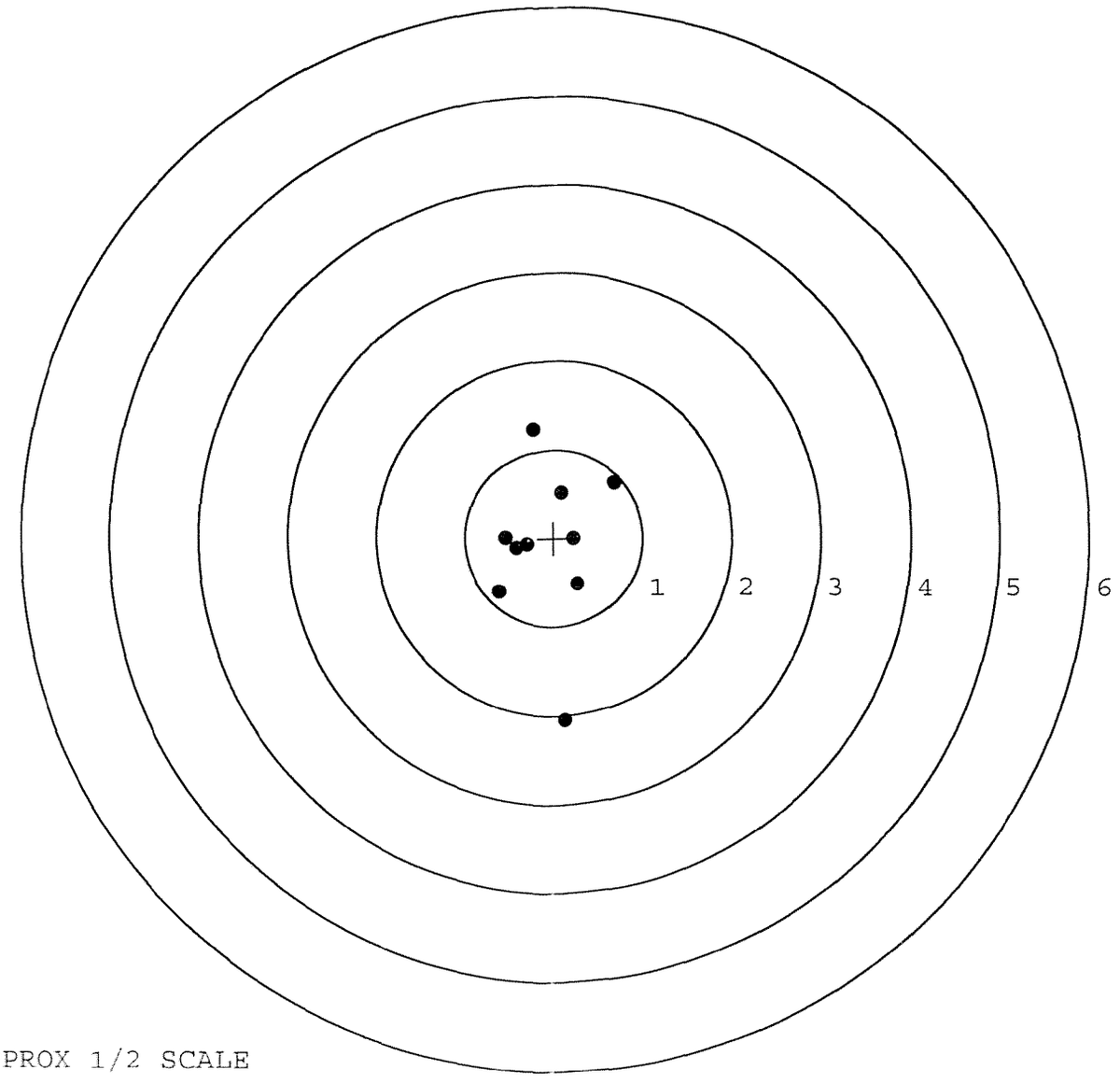


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349174.__0
TARGET NUMBER: 2
FILE DATE: 12/28/2005
FILE TIME: 15:47

X CENTROID:	-0.072
Y CENTROID:	-0.102
POA TO CENTROID:	0.125
HORZ SPREAD:	1.281
VERT SPREAD:	3.288
GROUP SPREAD:	3.310
MIN RADIUS:	0.235
MAX RADIUS:	1.967
MEAN RADIUS:	0.764
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.139	-2.058
2:	-0.607	-0.607
3:	-0.306	-0.074
4:	-0.542	0.001
5:	0.279	-0.520
6:	0.221	-0.013
7:	0.674	0.626
8:	0.085	0.510
9:	-0.244	1.230
10:	-0.421	-0.114

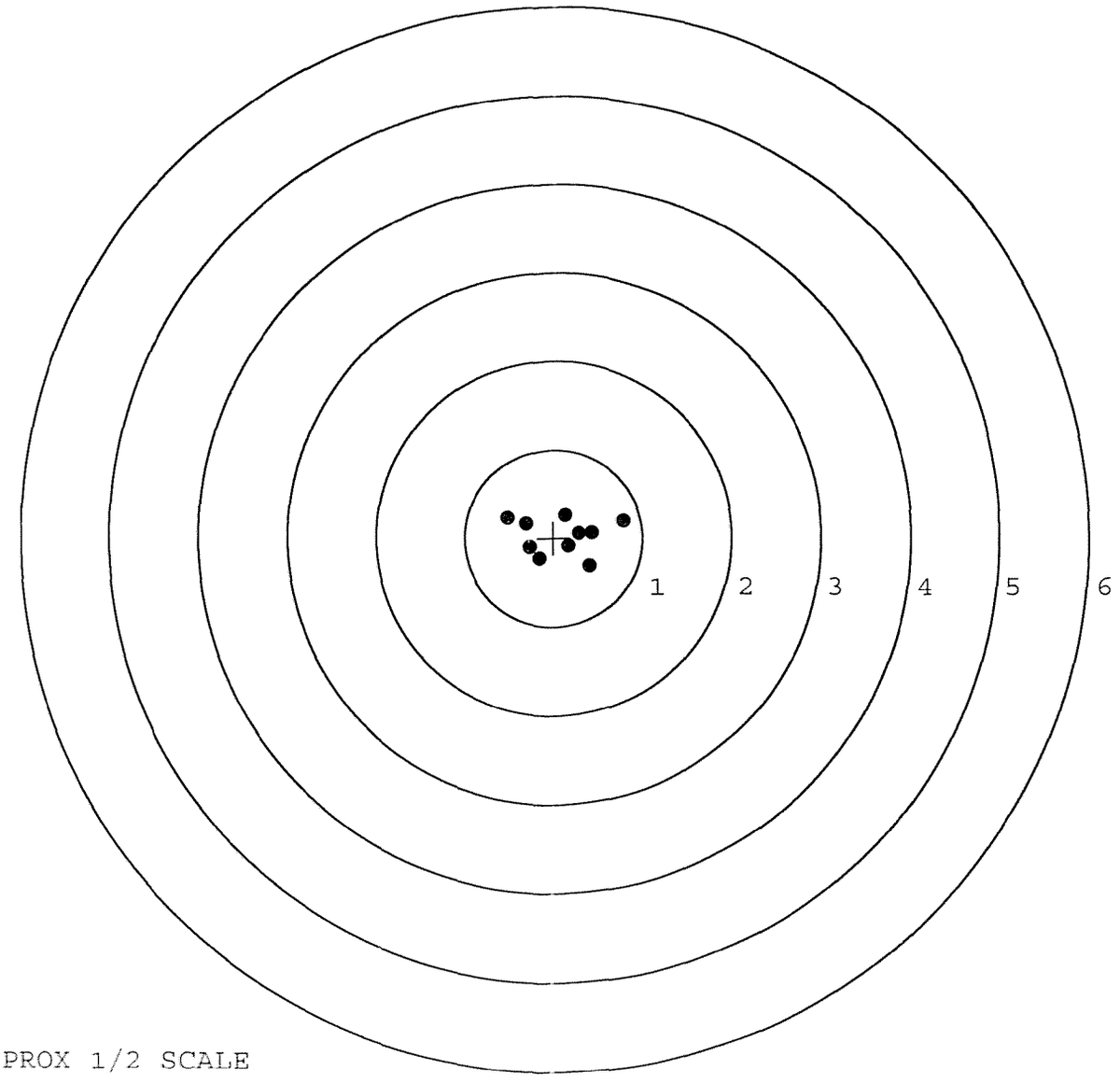


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349174.__0
TARGET NUMBER: 3
FILE DATE: 12/28/2005
FILE TIME: 15:47

X CENTROID:	0.096
Y CENTROID:	0.019
POA TO CENTROID:	0.098
HORZ SPREAD:	1.306
VERT SPREAD:	0.579
GROUP SPREAD:	1.306
MIN RADIUS:	0.136
MAX RADIUS:	0.715
MEAN RADIUS:	0.392
# IN 1 IN DIAMETER:	8
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.789	0.195
2:	-0.517	0.227
3:	-0.310	0.164
4:	-0.272	-0.101
5:	-0.165	-0.237
6:	0.139	0.255
7:	0.436	0.054
8:	0.167	-0.098
9:	0.409	-0.324
10:	0.287	0.051

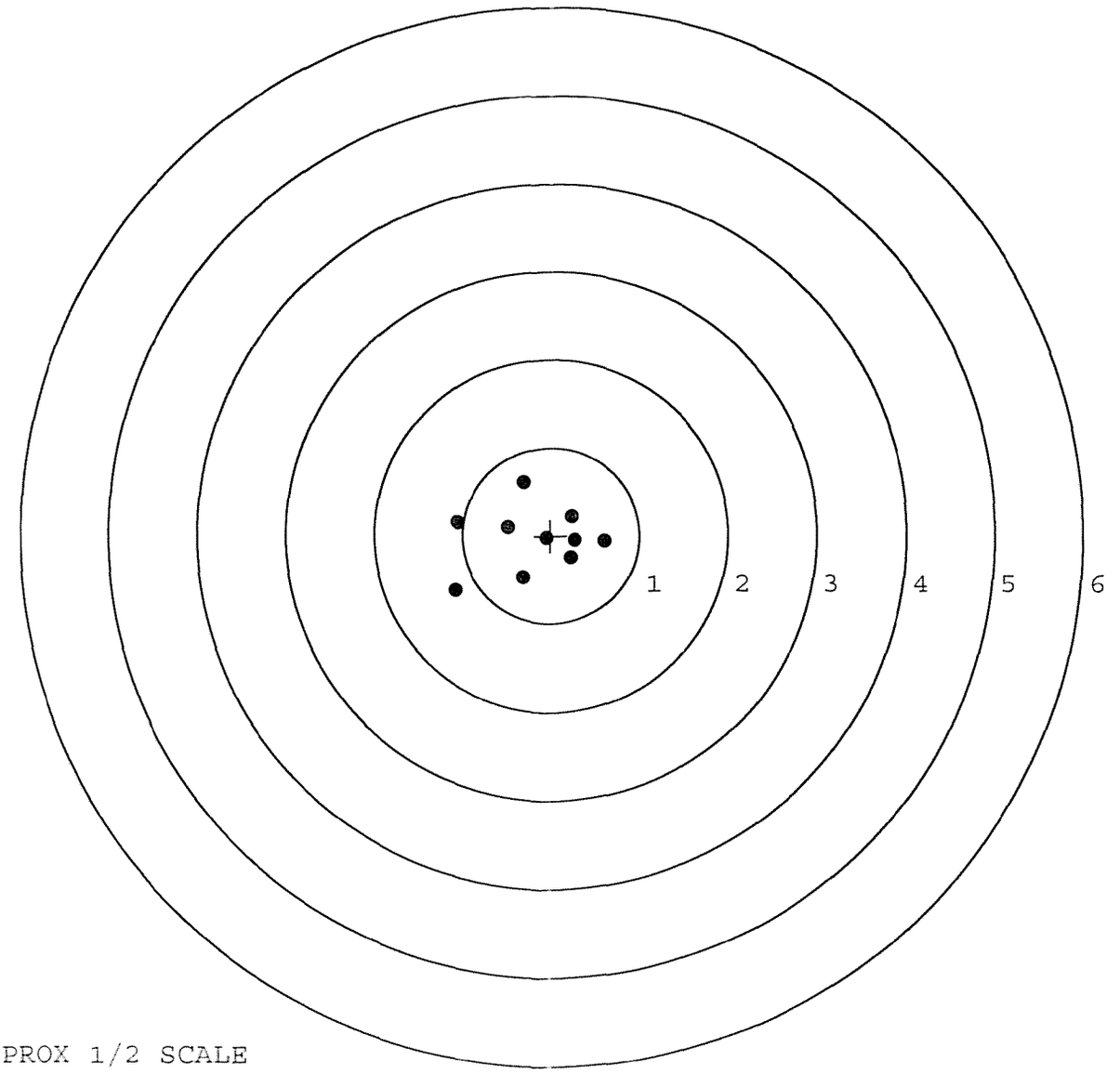


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349174.__0
TARGET NUMBER: 4
FILE DATE: 12/28/2005
FILE TIME: 15:47

X CENTROID:	-0.193
Y CENTROID:	-0.045
POA TO CENTROID:	0.198
HORZ SPREAD:	1.684
VERT SPREAD:	1.233
GROUP SPREAD:	1.773
MIN RADIUS:	0.144
MAX RADIUS:	1.058
MEAN RADIUS:	0.578
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.307	-0.482
2:	-1.077	-0.627
3:	-1.059	0.153
4:	-0.312	0.606
5:	-0.486	0.096
6:	0.607	-0.072
7:	0.229	-0.254
8:	-0.049	-0.033
9:	0.245	0.219
10:	0.279	-0.055

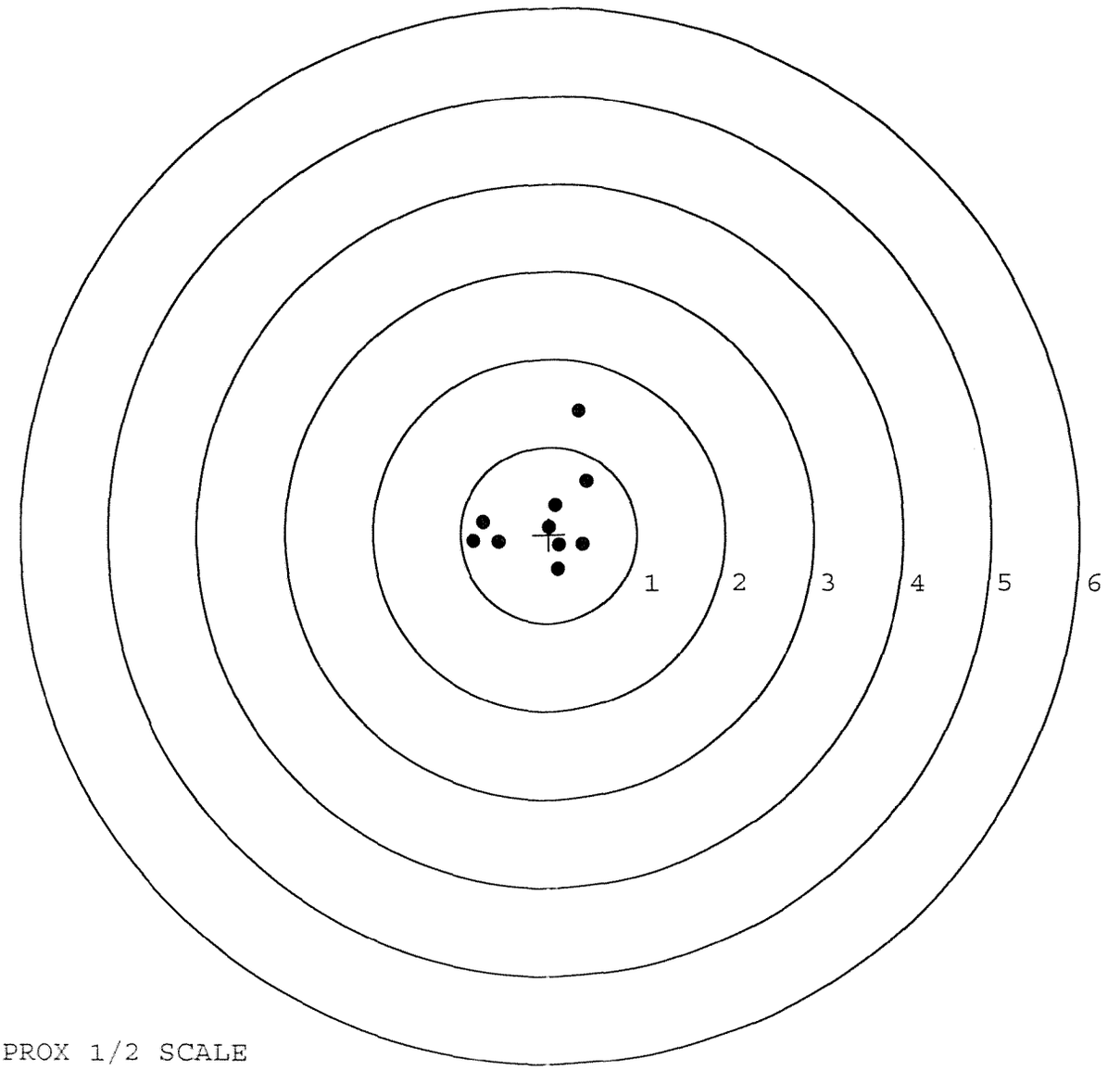


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349174.__0
TARGET NUMBER: 5
FILE DATE: 12/28/2005
FILE TIME: 15:47

X CENTROID:	-0.072
Y CENTROID:	0.173
POA TO CENTROID:	0.188
HORZ SPREAD:	1.288
VERT SPREAD:	1.795
GROUP SPREAD:	1.904
MIN RADIUS:	0.114
MAX RADIUS:	1.294
MEAN RADIUS:	0.583
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.338	1.401
2:	0.433	0.597
3:	-0.743	0.139
4:	-0.855	-0.083
5:	-0.568	-0.091
6:	0.387	-0.125
7:	0.100	-0.394
8:	0.074	0.330
9:	0.000	0.085
10:	0.115	-0.126



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	102227		
SERIAL NUMBER	C6349174		
LOG-IN DATE	10-12-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITI
550	DIS-ASSEMBLE GUN	10-17-05	RJC
560 A	RE-BARREL		
B	DRILL AND TAP	N/A	TRW
575	ASSEMBLE	12-12-05	CD
600	PROOF	12-12-05	CD
605	CHECK HEADSPACE	12-12-05	CD
610	DIS-ASSEMBLE GUN	12-12-05	CD
612	MAGNAFLUX	12/15/05	mwt
615	ROLLMARK CALIBER	12-15-05	CW
618	ROTO-BLAST	12-16-05	LB
620	APPLY COATINGS	12/20/05	RB
625 A	FINAL ASSEMBLY	12-28-05	RJC
B	TRIGGER PULL TEST	12-28-05	AC
C	SAFETY "ON" FORCE	12-28-05	AC
D	SAFETY "OFF" FORCE	12-28-05	AC
E	FIRING PIN INDENT	12-28-05	AC
640	TARGET	12-28-05	TRW
655	FINAL INSPECT	12-28-05	AC
660	PACK	12-29-05	DA
		SHIP DATE	
	QAR INSPECTION DATE		

Scope 0579

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349174

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10-9	89	RW
600	Proof	10-9	89	[illegible]
607	Check Headspace	10-9	89	RW
610	Dis-assemble Gun	[illegible]	89	RW
612	Magnaflux Barrel Action	10/31/89		KCL
	Magnaflux Bolt	10/31/89		KCL
615	Rollmark Caliber			
.7	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)		11-3-89	TJA
	Apply Coating (Bolt)			TJA
625	Final Assembly A) Clean inside of Bolt Assembly		11-13-89	AC
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11-13-89	[illegible]
	C) Inspect Ejector Hole for Chamfer		11-13-89	[illegible]
	D) Oil Firing Pin Ass'y		11-13-89	[illegible]
	E) Adjust Trigger Pull to Min Setting and Stake		11/13/89	JJS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			16 Dec 89	GS
	G) Safety Off Force	3	3	3			16 Dec 89	GS
	H) Trigger Pull Test & Retainability						16 Dec 89	GS
	I) Firing Pin Indent	.021	.021	.021			16 Dec 89	GS
	J) Assemble Stock						11-29-89	AC
	K) Assemble Swivel Studs						6 Dec 89	GS
	L) Attach Front and Rear Sight Assemblies						11-29-89	AC
	M) Iron Sight Alignment						11-29-89	AC
	N) Detach Front & Rear Sights & place in numbered container						11-29-89	AC
	O) Attach Scope to Rifle						29 Dec 89	GS
	P) Detach & Attach Scope 20 Times						29 Dec 89	GS
640	Gallery Target & Test						12-5-89	DH
	A) Time						12-5-89	DH
	B) Malfunctions						12-5-89	DH
	C) Pierced Primers						12-5-89	DH
	D) Optical Clearity of Scope						12-5-89	DH
645	Inspect for Live Ammo						12-5-89	DH
655	Final Inspection A) Headspace						6 Dec 89	GS
	B) Trigger Pull	237	230	221	227	230	6 Dec 89	GS
	C) Function						6 Dec 89	GS
660	Pack						15 Dec 89	GS

SWS TRIGGER PULL TEST

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

SERIAL NO. C6349174
DATE 13 MAR 90
TESTER KS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	218	228		231	MIN. SETTING,
PULL #2	209	232		235	NO AVG. OF 5
PULL #3	212	225		238	READINGS ACCEPT-
PULL #4	207	228		242	ABLE LESS THAN 2#
PULL #5	207	228		236	
TOTAL	1053	1141			
AVG.	2.106	2.282			

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	332	332		
PULL #2	332	332		
PULL #3	334	332		
PULL #4	333	334		
PULL #5	335	331		
TOTAL	1666	1661		
AVG.	3.332	3334		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.23	4.13		
PULL #2	4.19	4.13		
PULL #3	4.24	4.07		
PULL #4	431	417		
PULL #5	428	423		
TOTAL	2125	2073		
AVG.	4.25	4.146		

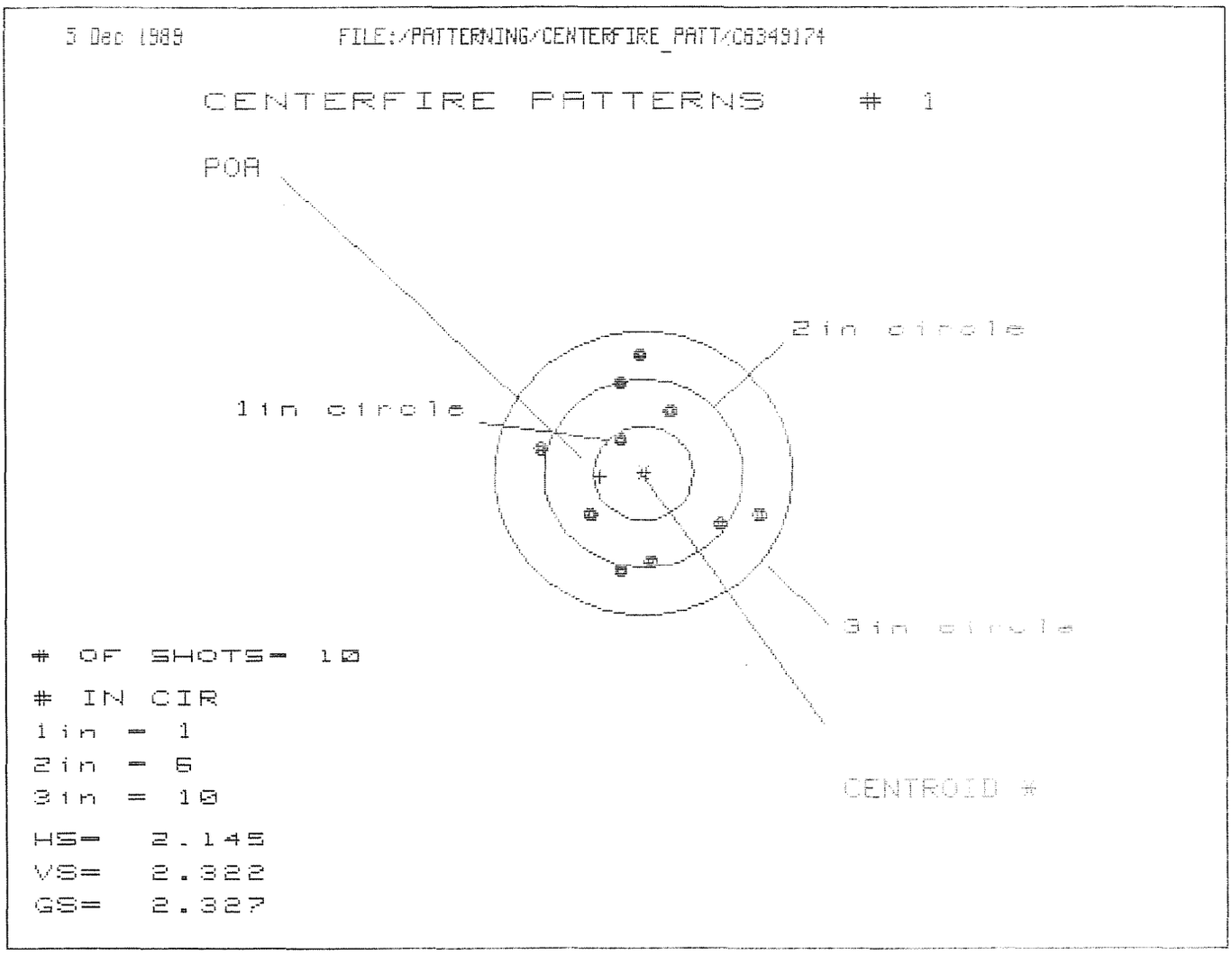
CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349174
5 Dec 1989

CENTROIDAL DISTANCES

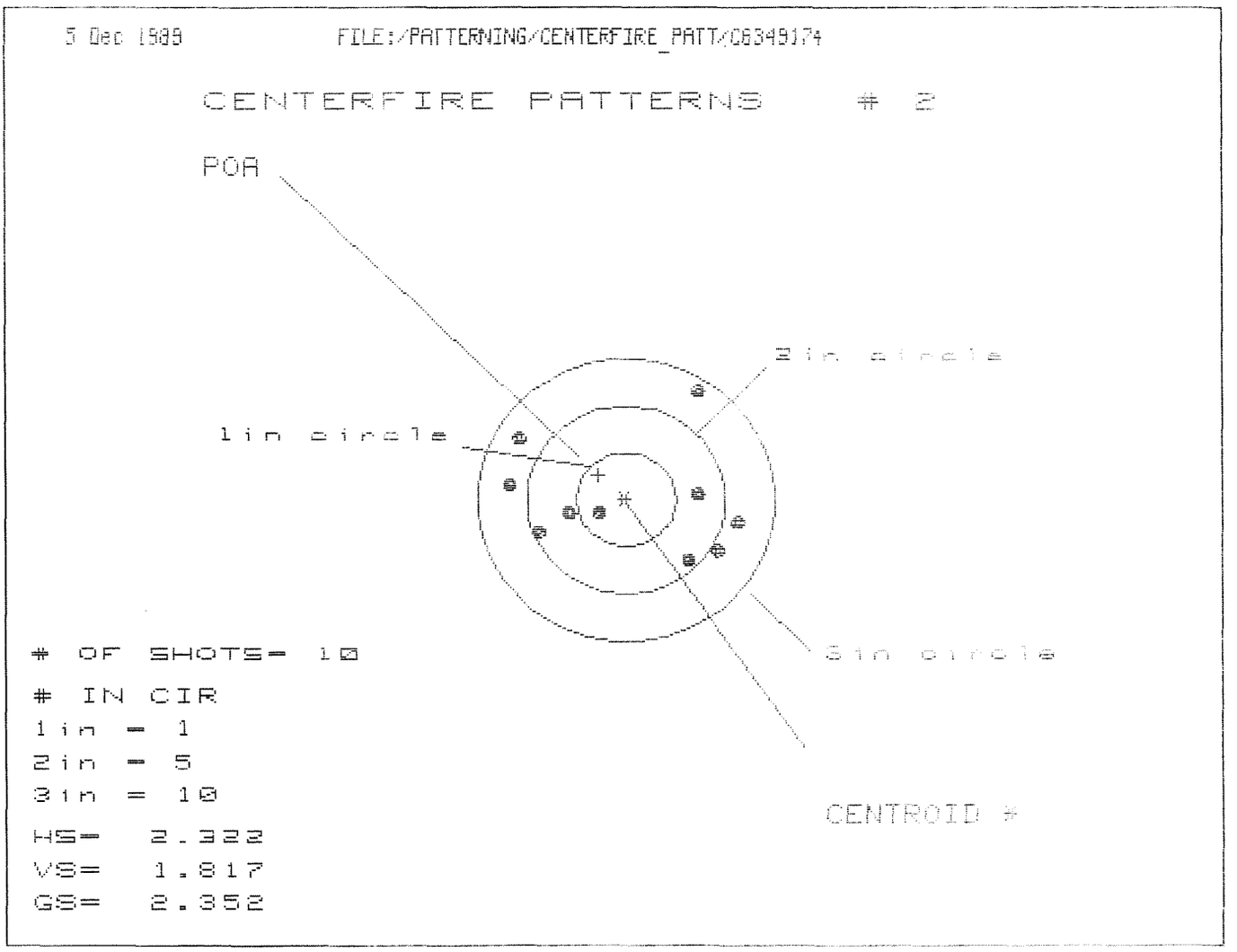
Ø	TO	1	.434412
1	TO	2	.334582
1	TO	3	.295468
1	TO	4	.551163
1	TO	5	.222948

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .3168
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0746
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .325465

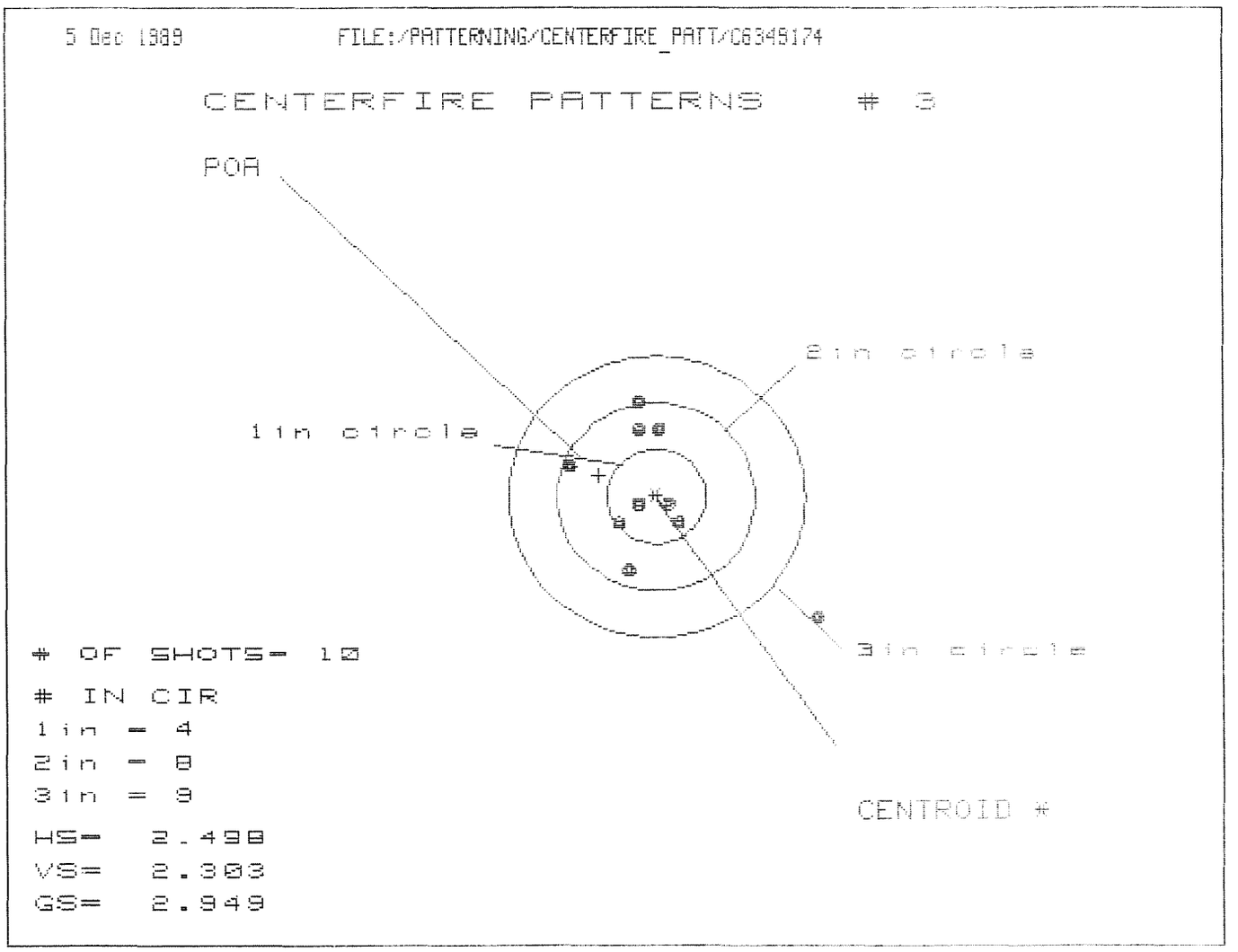
THE AMR FOR THIS RIFLE IS: .9198



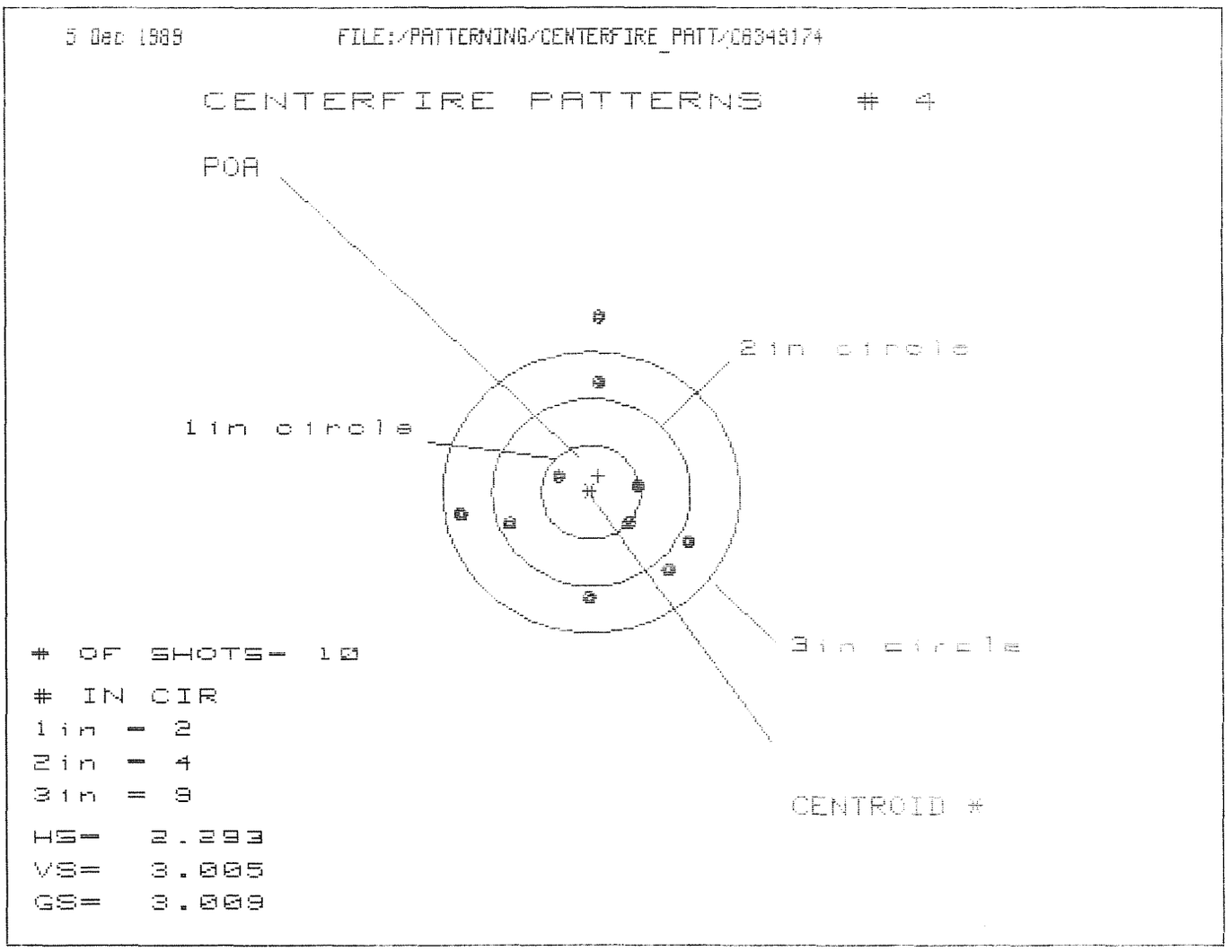
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.161	1.154	.878
MINIMUM X	:	-.984	-.991	-.847
MAXIMUM Y	:	1.251	1.107	1.074
MINIMUM Y	:	-1.071	-.932	-.965
CENTROID X	:	.433	.440	.295
CENTROID Y	:	.035	-.104	-.071
POA TO CENTROID in.	:	.435	.452	.304
MIN RADIUS	:	.406	.527	.443
MEAN RADIUS	:	.929	.890	.836
MAX RADIUS	:	1.253	1.185	1.076
HORIZONTAL SPREAD	:	2.145	2.145	1.725
VERTICAL SPREAD	:	2.322	2.039	2.039
EXTREME SPREAD	:	2.327	2.238	2.039
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	



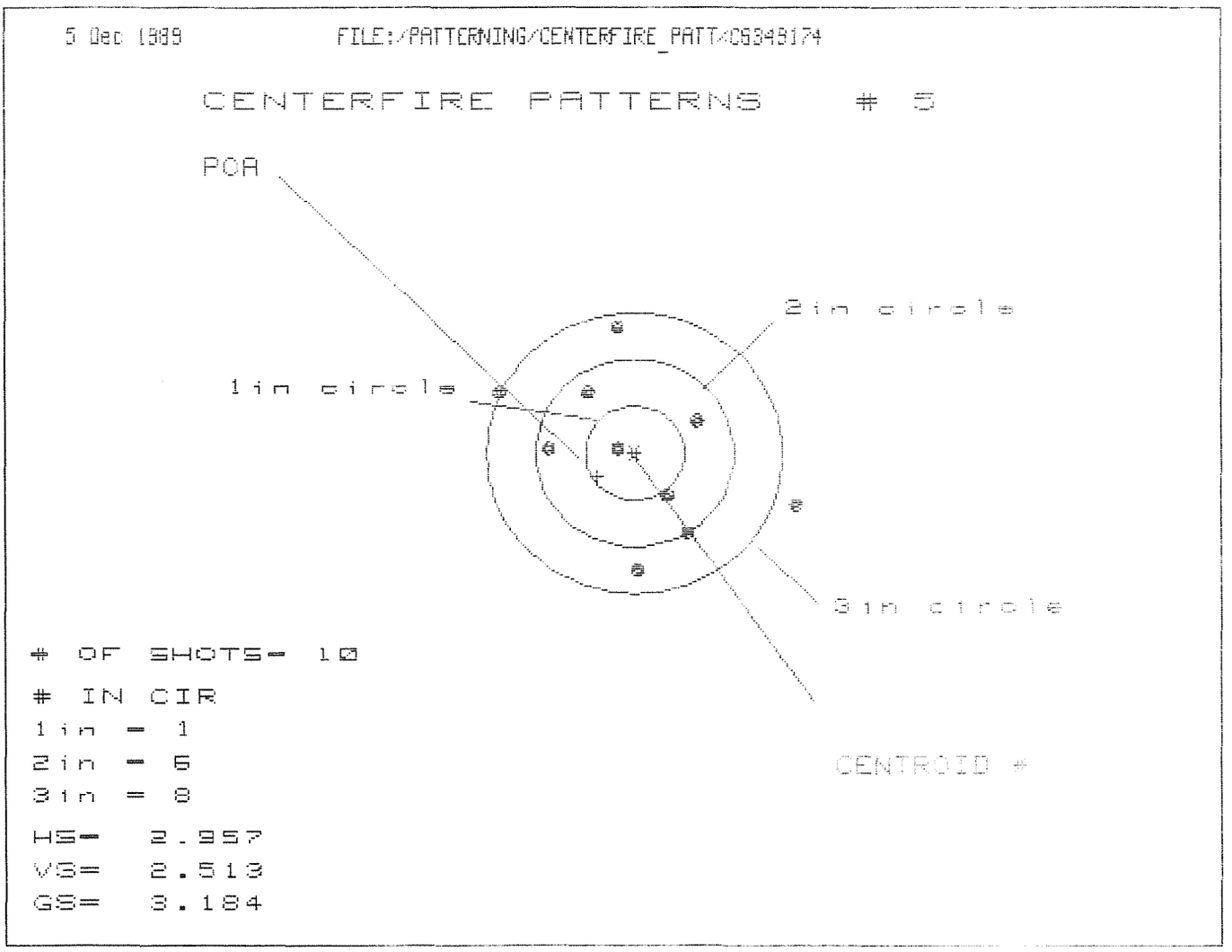
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.110	1.192	1.071
MINIMUM X	:	-1.212	-1.130	-1.251
MAXIMUM Y	:	1.187	.757	.370
MINIMUM Y	:	-.631	-.499	-.404
CENTROID X	:	.277	.195	.316
CENTROID Y	:	-.261	-.392	-.487
POA TO CENTROID in.	:	.380	.438	.581
MIN RADIUS	:	.345	.232	.362
MEAN RADIUS	:	.952	.878	.833
MAX RADIUS	:	1.397	1.229	1.305
HORIZONTAL SPREAD	:	2.322	2.322	2.322
VERTICAL SPREAD	:	1.817	1.256	.774
EXTREME SPREAD	:	2.352	2.352	2.352
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.618	.438	.445
MINIMUM X	:	-.880	-.701	-.694
MAXIMUM Y	:	1.032	.891	.700
MINIMUM Y	:	-1.271	-.924	-.813
CENTROID X	:	.577	.398	.391
CENTROID Y	:	-.223	-.082	-.193
POA TO CENTROID in.	:	.619	.406	.436
MIN RADIUS	:	.149	.210	.105
MEAN RADIUS	:	.748	.599	.508
MAX RADIUS	:	2.057	.928	.817
HORIZONTAL SPREAD	:	2.498	1.139	1.139
VERTICAL SPREAD	:	2.303	1.815	1.513
EXTREME SPREAD	:	2.949	1.820	1.523
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.947	.956	.789
MINIMUM X	:	-1.347	-1.337	-1.013
MAXIMUM Y	:	1.859	1.356	1.354
MINIMUM Y	:	-1.146	-.939	-.941
CENTROID X	:	-.077	-.087	.080
CENTROID Y	:	-.174	-.381	-.379
POA TO CENTROID in.	:	.190	.390	.387
MIN RADIUS	:	.403	.395	.253
MEAN RADIUS	:	.993	.878	.790
MAX RADIUS	:	1.861	1.357	1.358
HORIZONTAL SPREAD	:	2.293	2.293	1.802
VERTICAL SPREAD	:	3.005	2.295	2.295
EXTREME SPREAD	:	3.009	2.310	2.299
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.584	.815	.666
MINIMUM X	:	-1.373	-1.197	-.804
MAXIMUM Y	:	1.302	1.244	1.319
MINIMUM Y	:	-1.211	-1.269	-1.194
CENTROID X	:	.374	.198	.347
CENTROID Y	:	.250	.308	.233
POA TO CENTROID in.	:	.450	.366	.418
MIN RADIUS	:	.191	.014	.171
MEAN RADIUS	:	.977	.873	.820
MAX RADIUS	:	1.668	1.339	1.328
HORIZONTAL SPREAD	:	2.957	2.012	1.470
VERTICAL SPREAD	:	2.513	2.513	2.513
EXTREME SPREAD	:	3.184	2.521	2.521
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

Remington
DUPONT
REG. U.S. PAT. BTM. OFF.
VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.
MODEL 700TH H24
SERIAL NO.
C6349174
ORDER NO.
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off., Marca Registrada Marque Deposee.
01
5716 C6349174
UPC
0 47700 35716 7