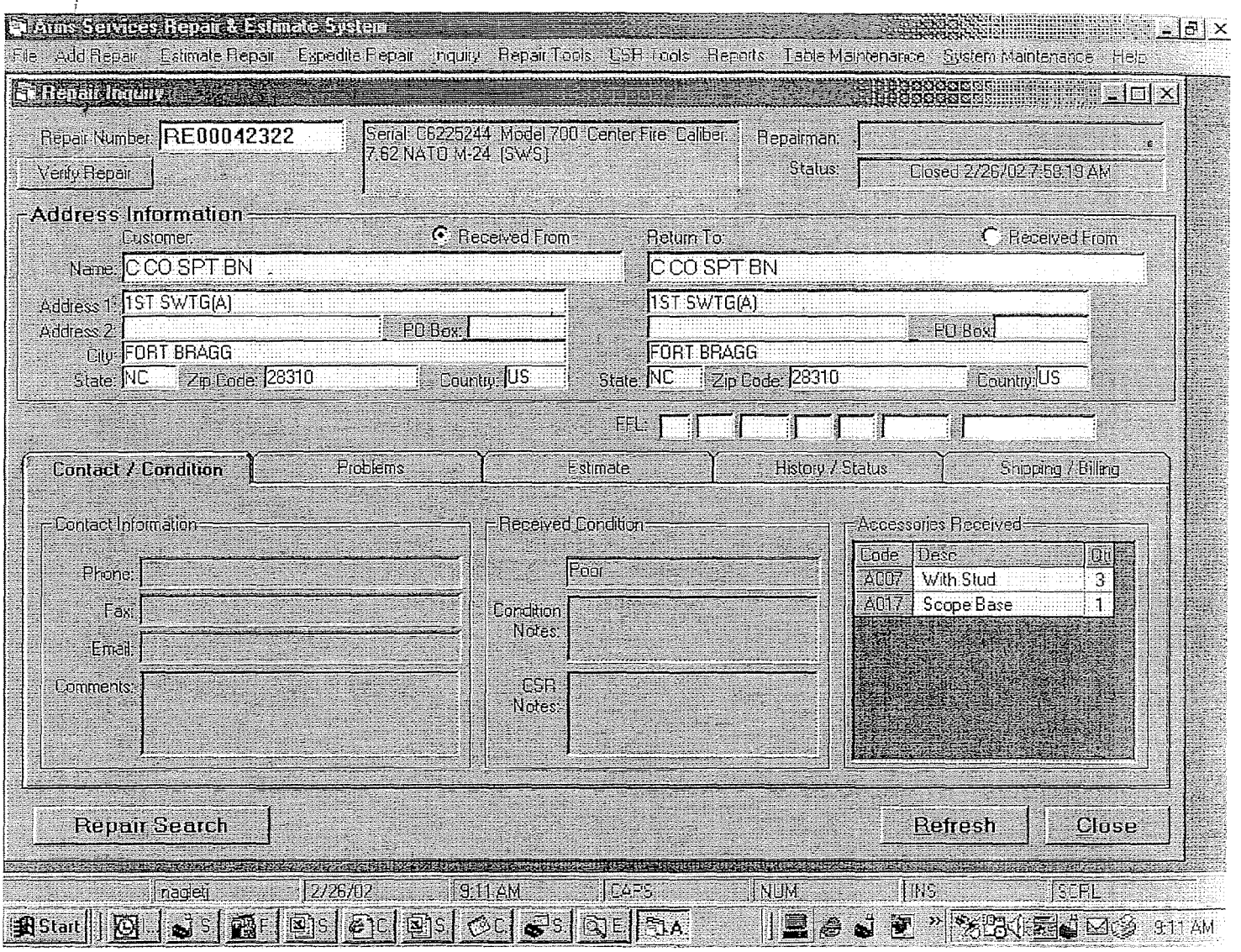
62524
MODEL 700™ M24
Model 700 M24™
Action
Barrel Length
Capacity
Order No. 5716
*Includes 1 in chamber.
Remington



Serial Number: C6225244

Model: 700

RE00042322

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225244.__0
FILE DATE AND TIME: 03/13/2002 02:55

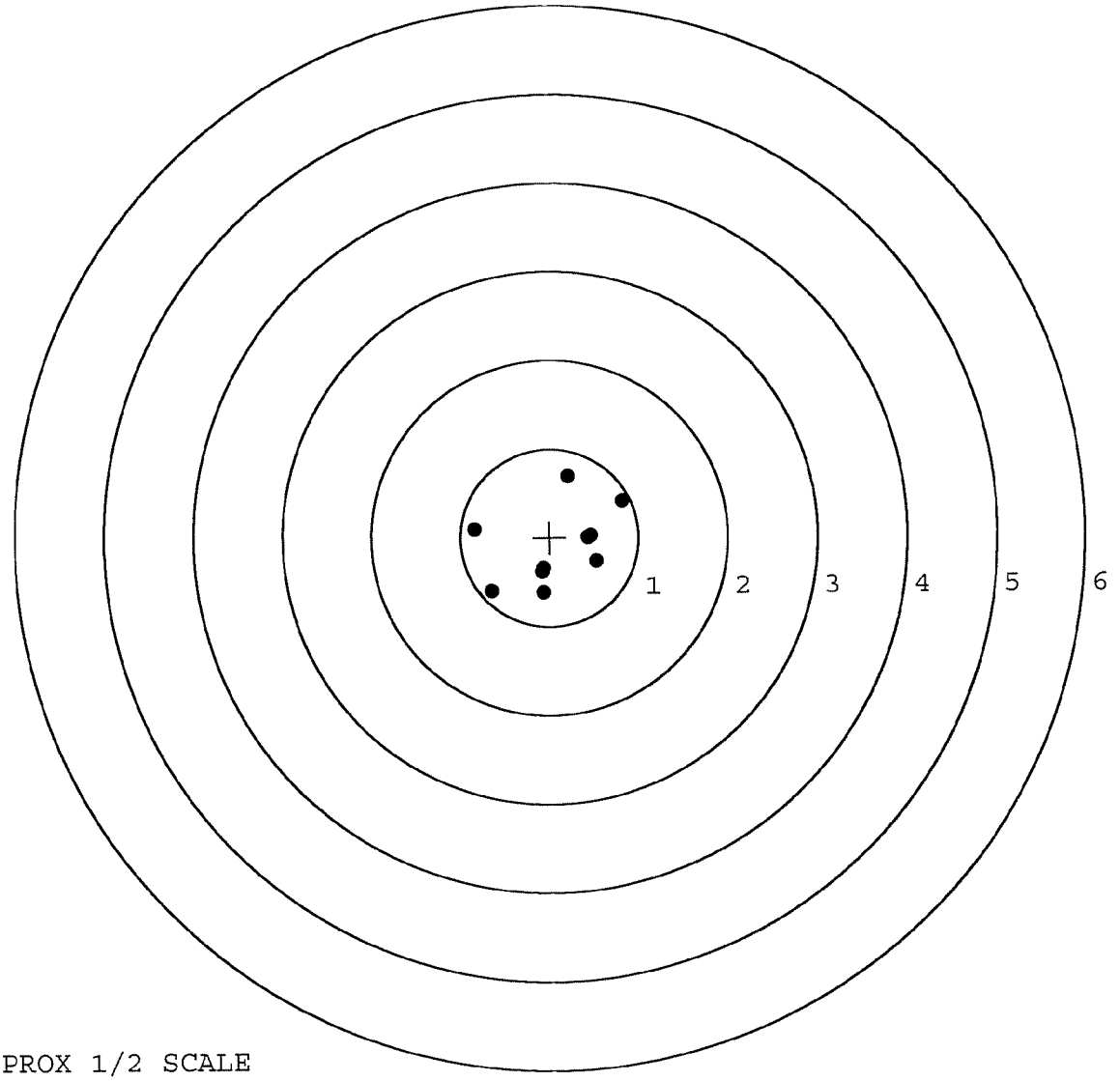
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.022
The Average Y Centroid of the Five Target Set:	-0.011
The Average Point of Impact of the Five Target Set:	0.024
The Average Mean Radius of the Five Target Set:	0.530
The Distance from POA to Centroid Target #1:	0.124
The Distance from Centroid Target #2 to Centroid Target #1:	0.175
The Distance from Centroid Target #3 to Centroid Target #1:	0.074
The Distance from Centroid Target #4 to Centroid Target #1:	0.120
The Distance from Centroid Target #5 to Centroid Target #1:	0.304

SERIAL NUMBER: C6225244.__0
TARGET NUMBER: 1
FILE DATE: 03/13/2002
FILE TIME: 02:55

X CENTROID:	0.070
Y CENTROID:	-0.102
POA TO CENTROID:	0.124
HORZ SPREAD:	1.660
VERT SPREAD:	1.315
GROUP SPREAD:	1.689
MIN RADIUS:	0.289
MAX RADIUS:	0.935
MEAN RADIUS:	0.596
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.208	0.690
2:	-0.843	0.098
3:	-0.656	-0.602
4:	-0.078	-0.625
5:	-0.074	-0.353
6:	0.523	-0.267
7:	0.463	0.021
8:	0.817	0.407
9:	-0.087	-0.393
10:	0.432	0.000

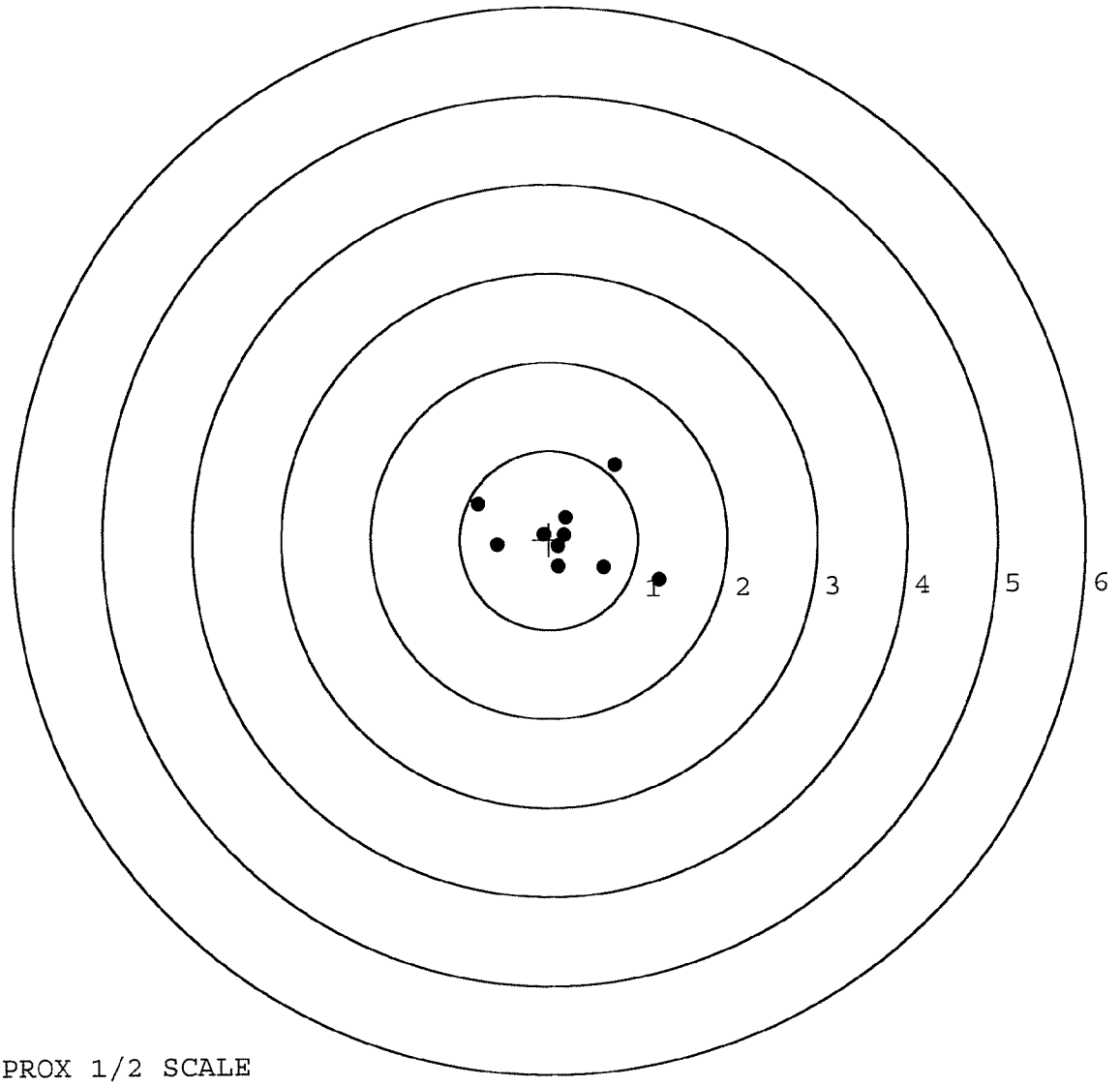


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225244.__0
TARGET NUMBER: 2
FILE DATE: 03/13/2002
FILE TIME: 02:55

X CENTROID:	0.173
Y CENTROID:	0.039
POA TO CENTROID:	0.177
HORZ SPREAD:	2.018
VERT SPREAD:	1.296
GROUP SPREAD:	2.199
MIN RADIUS:	0.014
MAX RADIUS:	1.166
MEAN RADIUS:	0.545
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.752	0.836
2:	1.227	-0.460
3:	0.612	-0.319
4:	-0.791	0.413
5:	-0.582	-0.057
6:	0.187	0.247
7:	-0.055	0.060
8:	0.103	-0.304
9:	0.106	-0.079
10:	0.170	0.053

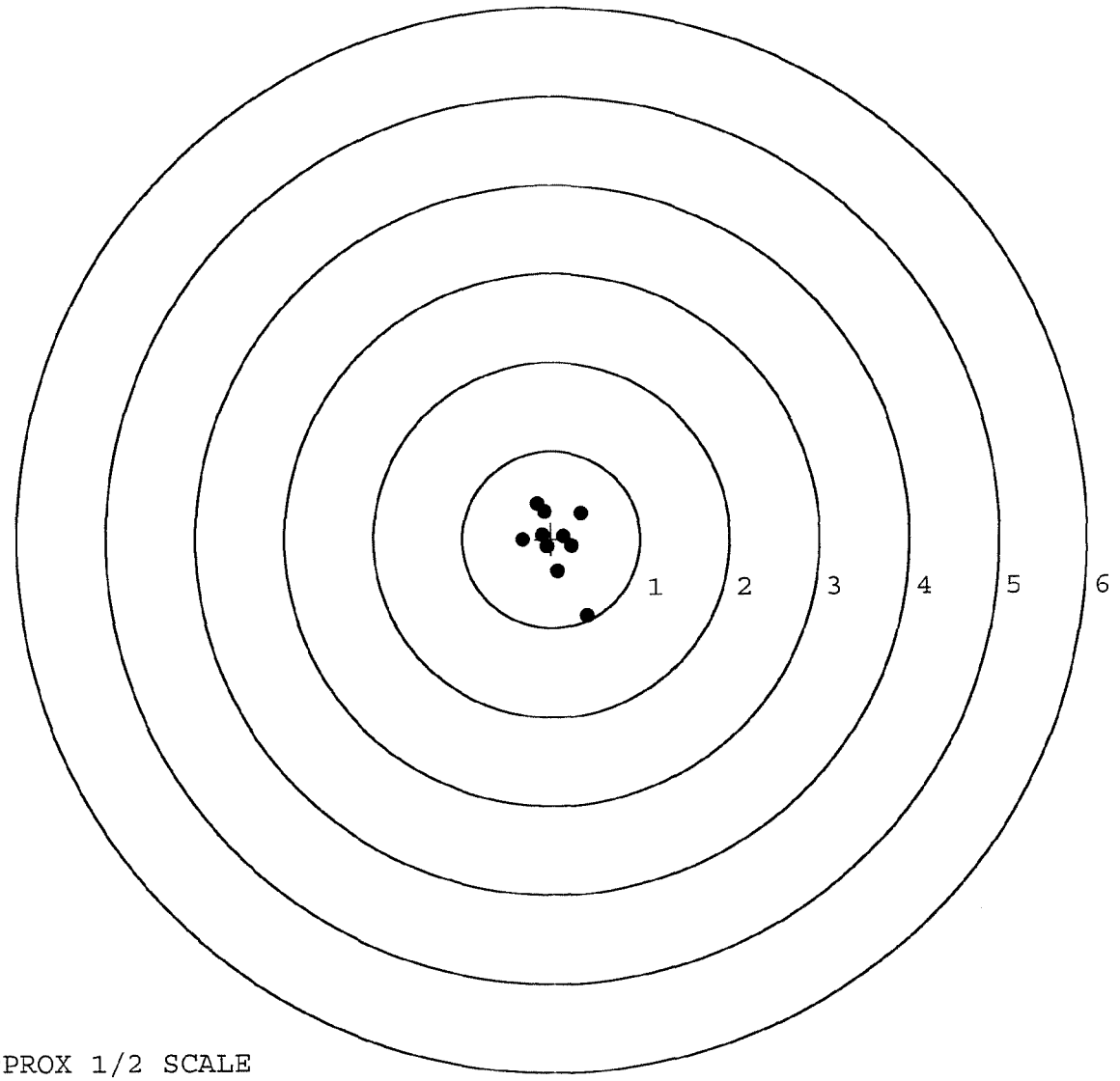


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225244.__0
TARGET NUMBER: 3
FILE DATE: 03/13/2002
FILE TIME: 02:55

X CENTROID:	0.044
Y CENTROID:	-0.034
POA TO CENTROID:	0.055
HORZ SPREAD:	0.720
VERT SPREAD:	1.275
GROUP SPREAD:	1.392
MIN RADIUS:	0.108
MAX RADIUS:	0.907
MEAN RADIUS:	0.348
# IN 1 IN DIAMETER:	9
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.394	-0.870
2:	0.331	0.294
3:	-0.165	0.405
4:	-0.326	-0.009
5:	0.069	-0.367
6:	0.233	-0.084
7:	-0.101	0.045
8:	-0.085	0.311
9:	-0.048	-0.090
10:	0.136	0.029

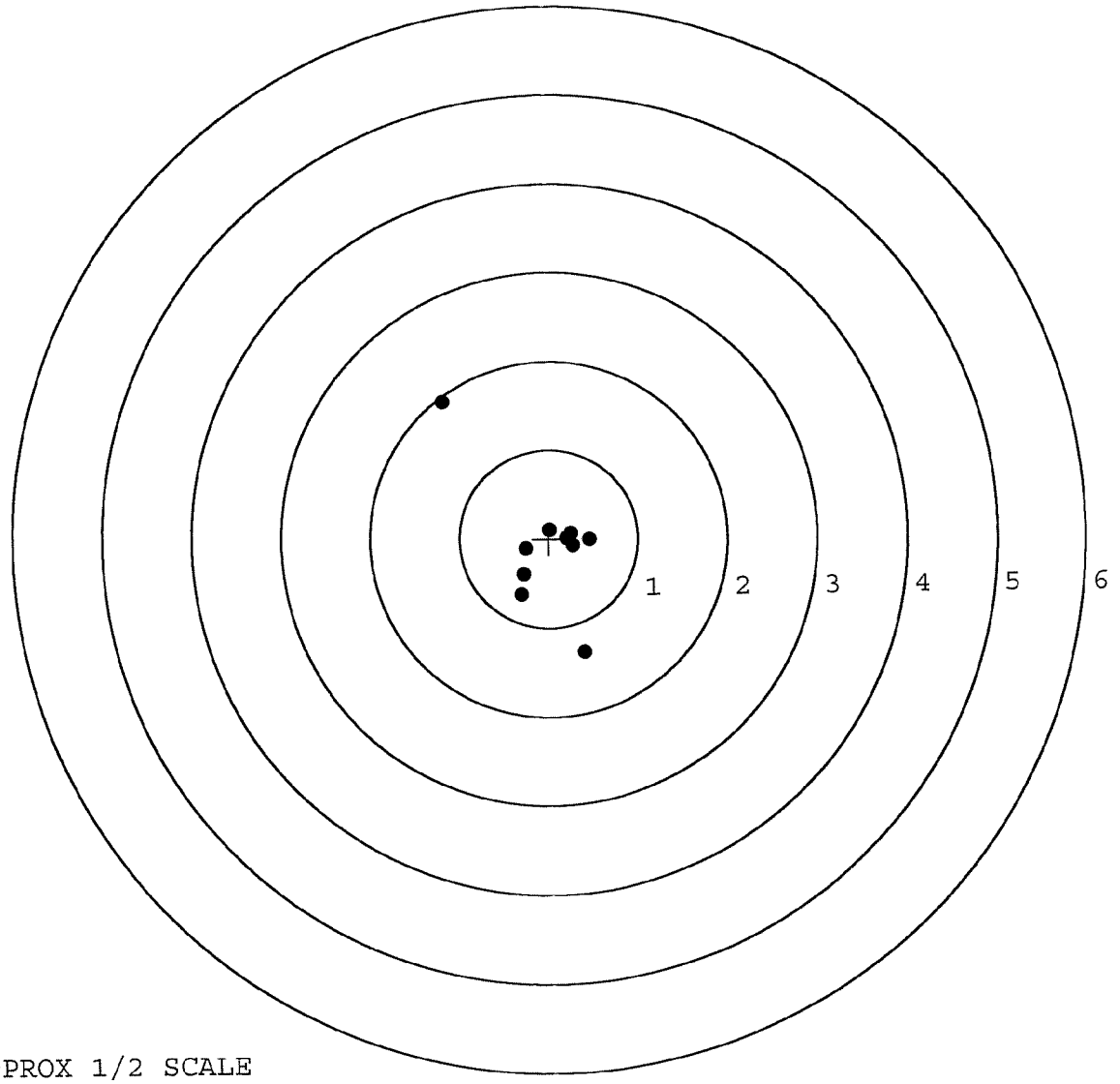


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225244.__0
TARGET NUMBER: 4
FILE DATE: 03/13/2002
FILE TIME: 02:55

X CENTROID:	-0.048
Y CENTROID:	-0.083
POA TO CENTROID:	0.096
HORZ SPREAD:	1.635
VERT SPREAD:	2.830
GROUP SPREAD:	3.237
MIN RADIUS:	0.188
MAX RADIUS:	1.988
MEAN RADIUS:	0.609
# IN 1 IN DIAMETER:	6
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	-1.180	1.551
2:	0.392	-1.279
3:	-0.315	-0.628
4:	-0.292	-0.406
5:	-0.264	-0.118
6:	0.455	-0.019
7:	0.195	-0.005
8:	0.268	-0.081
9:	0.011	0.095
10:	0.247	0.060

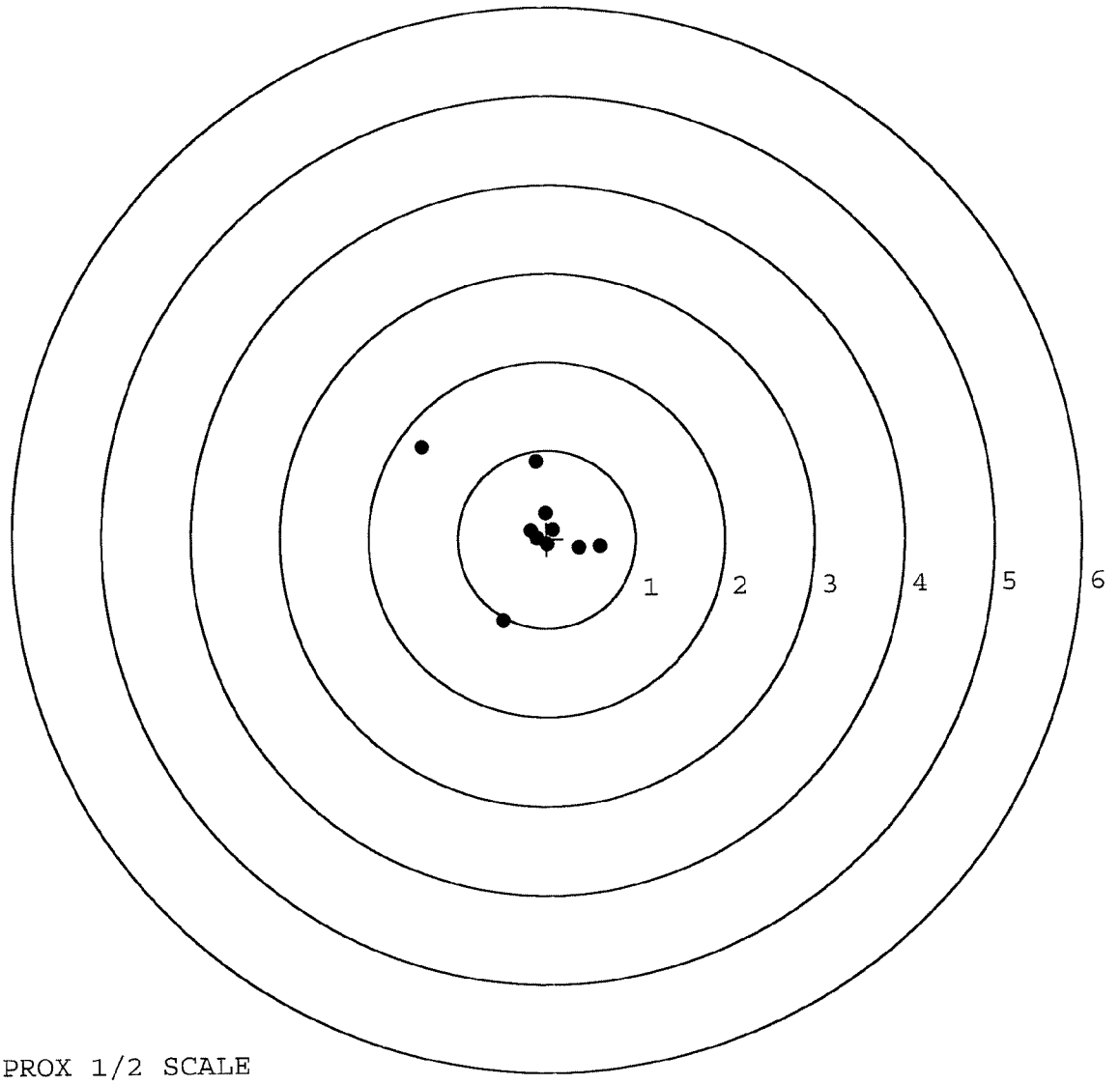


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225244.__0
TARGET NUMBER: 5
FILE DATE: 03/13/2002
FILE TIME: 02:55

X CENTROID:	-0.129
Y CENTROID:	0.126
POA TO CENTROID:	0.181
HORZ SPREAD:	1.987
VERT SPREAD:	1.968
GROUP SPREAD:	2.290
MIN RADIUS:	0.061
MAX RADIUS:	1.566
MEAN RADIUS:	0.553
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	-0.114	0.875
2:	-1.392	1.052
3:	-0.504	-0.916
4:	0.595	-0.087
5:	0.362	-0.100
6:	0.001	-0.064
7:	-0.115	0.011
8:	-0.016	0.292
9:	-0.183	0.097
10:	0.073	0.101



TARGET APPROX 1/2 SCALE

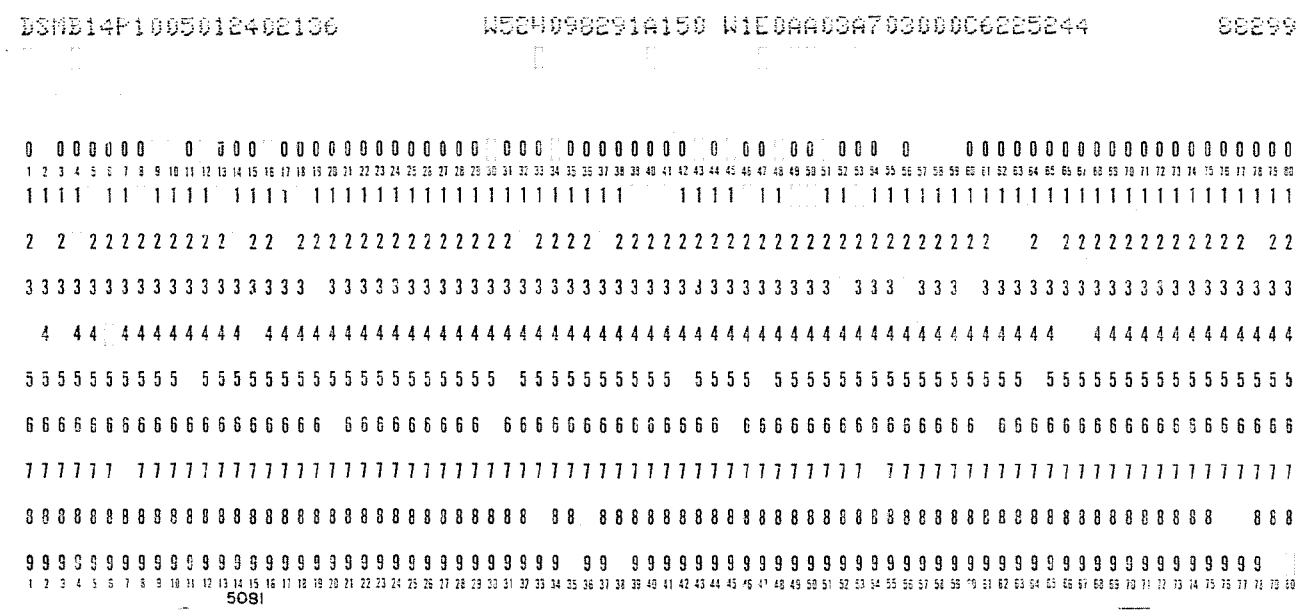
M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-97-C-242

R & E NUMBER 42322

SERIAL NUMBER C 622 5244

LOG-IN DATE 2/26/02

INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	2/26/02	RH
560 A	RE-BARREL AT CUSTOM SHOP	3/5/02	RH
B	DRILL AND TAP	3/5/02	RH
C	POLISH		
575	ASSEMBLE	3/6/02	RH
600	PROOF	3-6-02	AC
605	CHECK HEADSPACE	3-6-02	MAGNA-FLUX INSPECTED MAR
610	DIS-ASSEMBLE GUN	3/6/02	RH
612	MAGNAFLUX		OPERATOR AL
615	ROLLMARK CALIBER	3/7/02	TD
618	ROTO-BLAST	3/8	JW
620	APPLY COATINGS	3-8	TA
625 A	FINAL ASSEMBLY	3-12-02	RW
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	3-13-02	AC
655	FINAL INSPECT	3-14-02	RL
660	PACK	3-14-02	OA
	QAR INSPECTION DATE	SHIP DATE	


DSNB14P100501240Z136 W52H098291A150 W1E0AA03A703000C6225244 88299
5081

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6207249

OPERATION #	OPERATION NAME	DATE	INT
575-580	ASSEMBLY	4/1	FB
600	PROOF	4/22	[illegible]
615	MAGNAFLUX BARREL		
	MAGNAFLUX BOLT		
620	COATING	4/21/22	TJA
625-630	FINAL ASSEMBLY		
635	TEST		
640	TARGET		
	FIRING PIN INDENT		
660	PACK		

SCOPE # 1076

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225244

OP.#	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and stock			
600	Proof			
607	Check Headspace			
610	Dis-assemble gun			
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill & Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coatings (Bolt)			
625	Final Assembly A)Clean inside of Bolt Assembly		9/7/88	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/7/88	RW
	C) Inspect Ejector Hole for Chamfer		9/7/88	RW

QUALITY AUDIT

OVER

OP.#		READINGS	DATE	INITIAL
625 cont.	D) Oil Firing Pin Ass'y		9/7/88	RW
	E) Adjust Trigger Pull to Min. Setting and Stake		7 Sept 88	G.S.
	F) Safety on Force	4.5 4.5 4	7 Sept 88	G.S.
	G) Safety off Force	3 3 3.25	7 Sept 88	G.S.
	H) Trigger Pull Test & Retainabilty		7 Sept 88	C.S. W.S.
	I) Firing Pin Indent	.0215 .0215 .022	7 Sept 88	G.S.
	J) Assemble Stock		9/20/88	RW
	K) Assemble Swivel Studs		10-6-88	G.S.
	L) Attach Front & Rear Sight Assemblies		9/20/88	RW
	M) Iron Sight Alignment		9/20/88	RW
	N) Detach Front & Rear Sights & place in numbered container		9/20/88	RW
	0) Attach Scope to Rifle		9/3/88	RW
	P) Detach & Attach Scope 20 times		10/3/88	RW
640	Gallery Target & Test	67R 88L	10-5-88	AC
	A) Optical Clearity of Scope	OK	10-5-88	AC
645	Inspect for Live Ammo	NONE	10-5-88	AC
655	Final Inspection A) Headspace		10-6-88	G.S.
	B) Trigger Pull		10-6-88	G.S.
	C) Function		10-6-88	G.S.
660	Pack		10-20-88	G.S.

SWS TRIGGER PULL TEST

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

SERIAL NO. C-62252 44
DATE 7 Sept 88
TESTER G.S. W.B

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.68	2.37	2.74	2.37	MIN. SETTING,
PULL #2	2.61	2.37	2.71	2.46	NO AVG. OF 5
PULL #3	2.67	2.48	2.82	2.38	READINGS ACCEPT-
PULL #4	2.61	2.49	2.57	2.54	ABLE LESS THAN 2#
PULL #5	2.61	2.54	2.56	2.54	
TOTAL	13.18	12.25	13.40	12.29	
AVG.	2.63	2.45	2.68	2.46	

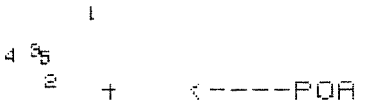
	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.10	3.11		
PULL #2	3.12	3.24		
PULL #3	3.13	3.35		
PULL #4	3.09	3.31		
PULL #5	3.13	3.16		
TOTAL	15.57	16.17		
AVG.	3.114	3.234		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.30	4.06		4.37
PULL #2	4.22	4.19		4.19
PULL #3	4.27	4.19		4.16
PULL #4	4.32	4.27		4.20
PULL #5	4.29	4.09		4.15
TOTAL	21.40	20.80		21.07
AVG.	4.28	4.16		4.214

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225244

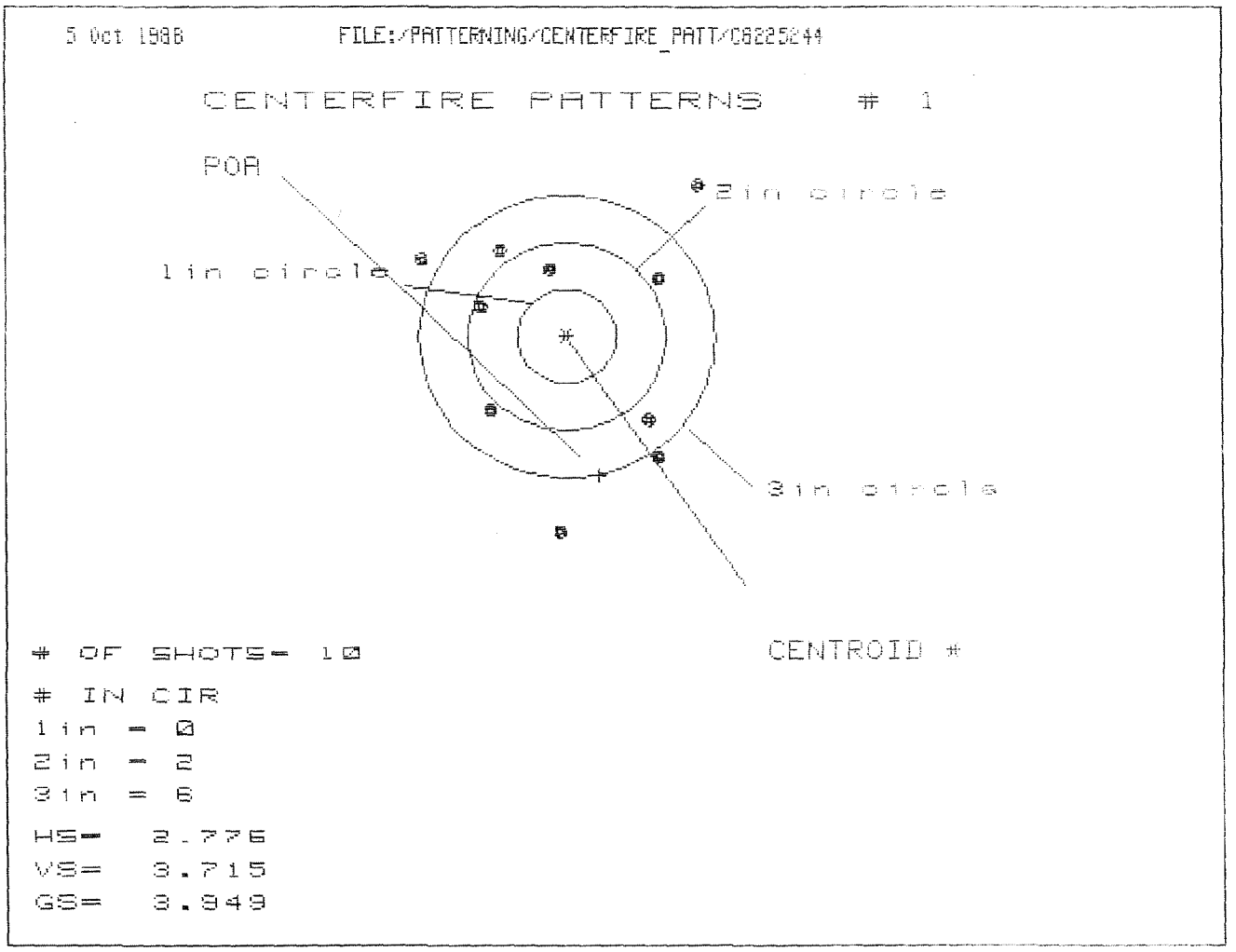
CENTROIDAL DISTANCES

0	TO	1	1.51646
1	TO	2	1.5064
1	TO	3	1.27459
1	TO	4	1.72172
1	TO	5	1.21129

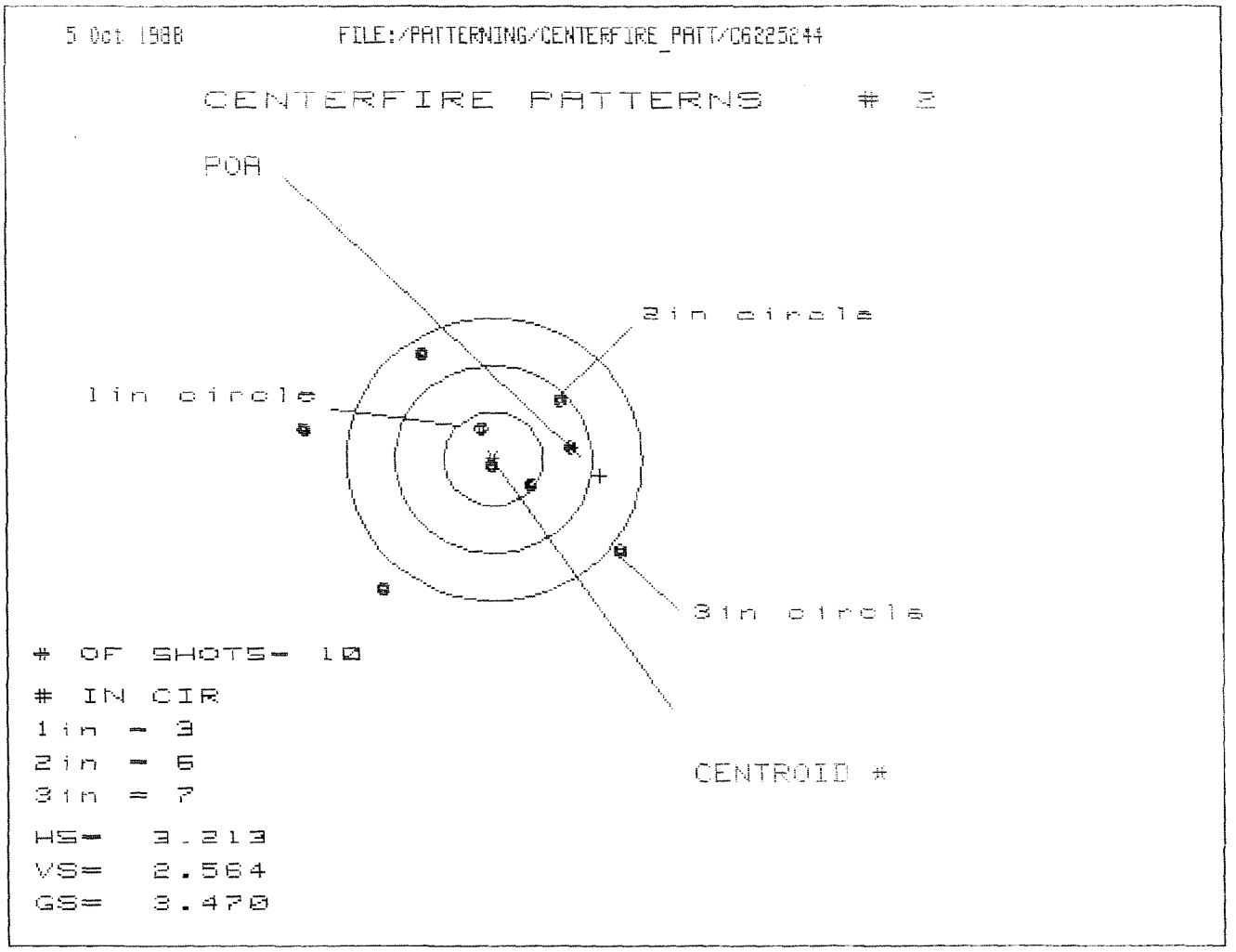


THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -1.1596
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .7986
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: 1.37485

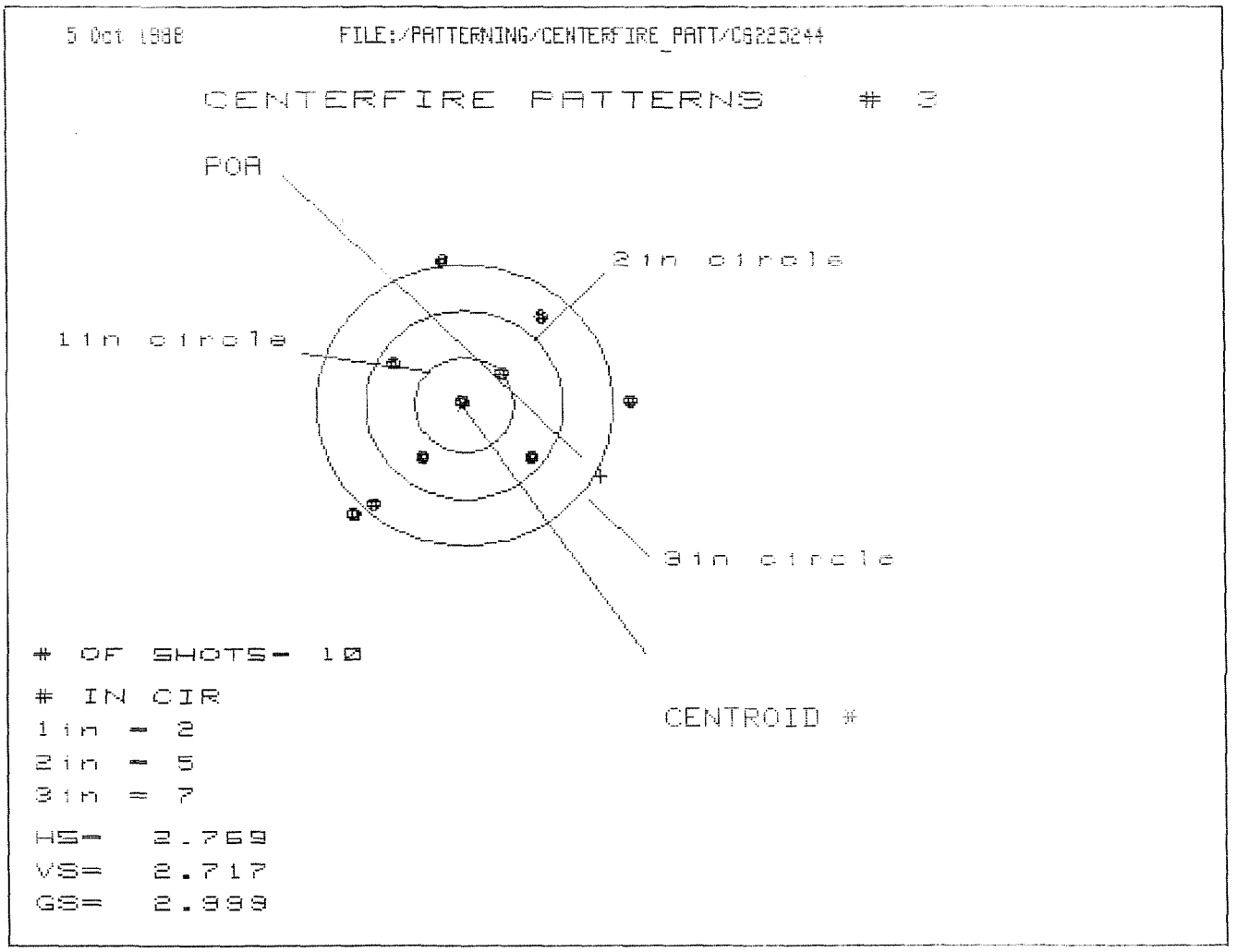
THE AMR FOR THIS RIFLE IS: 1.111



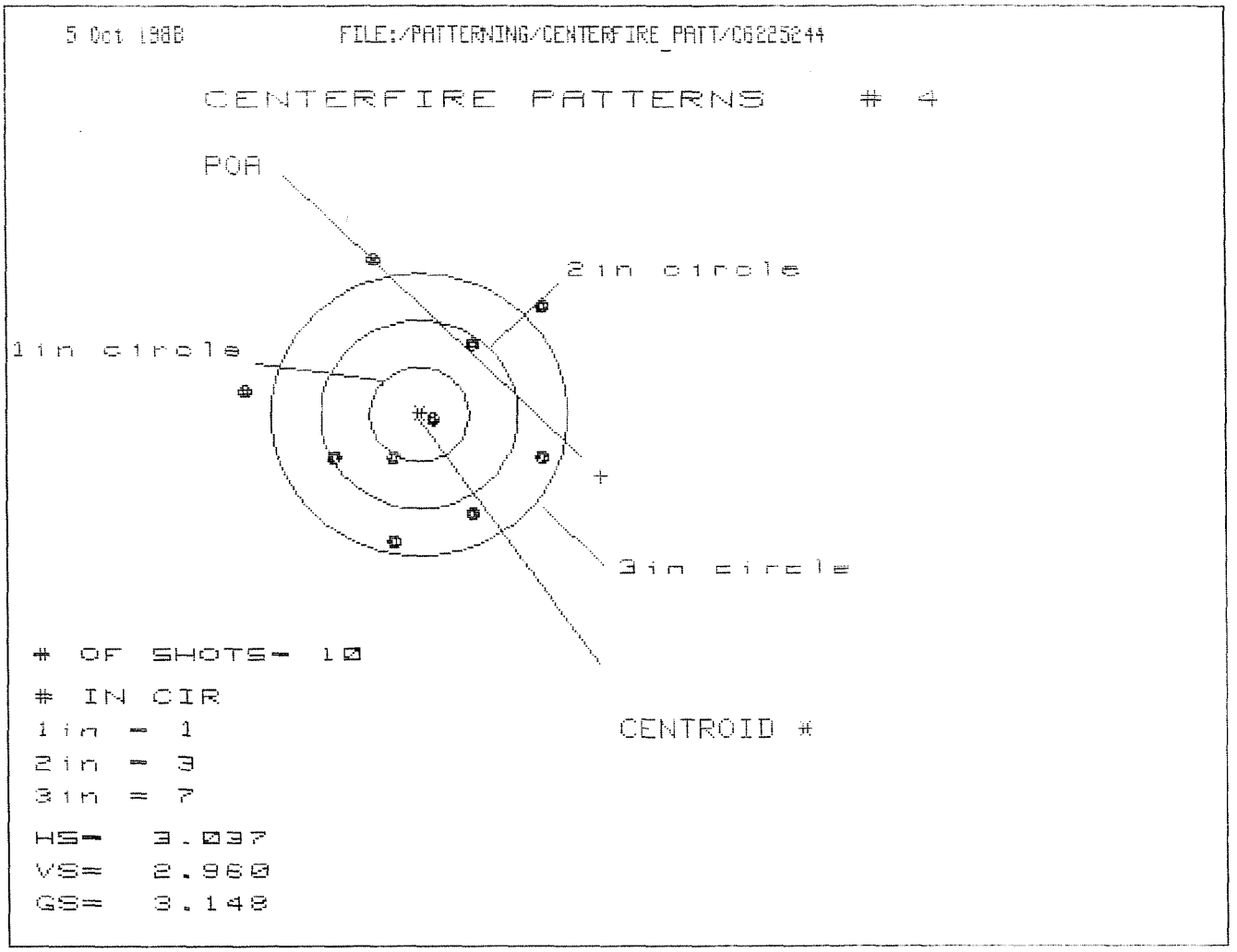
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.306	1.104	1.118
MINIMUM X	:	-1.470	-1.324	-1.310
MAXIMUM Y	:	1.660	1.119	.886
MINIMUM Y	:	-2.055	-1.871	-1.318
CENTROID X	:	-.326	-.472	-.486
CENTROID Y	:	1.481	1.297	1.530
POA TO CENTROID in.	:	1.517	1.380	1.606
MIN RADIUS	:	.720	.880	.660
MEAN RADIUS	:	1.360	1.270	1.156
MAX RADIUS	:	2.112	1.874	1.729
HORIZONTAL SPREAD	:	2.776	2.428	2.428
VERTICAL SPREAD	:	3.715	2.990	2.204
EXTREME SPREAD	:	3.949	3.173	3.173
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		2	
NUMBER IN THREE INCH CIRCLE	=		6	



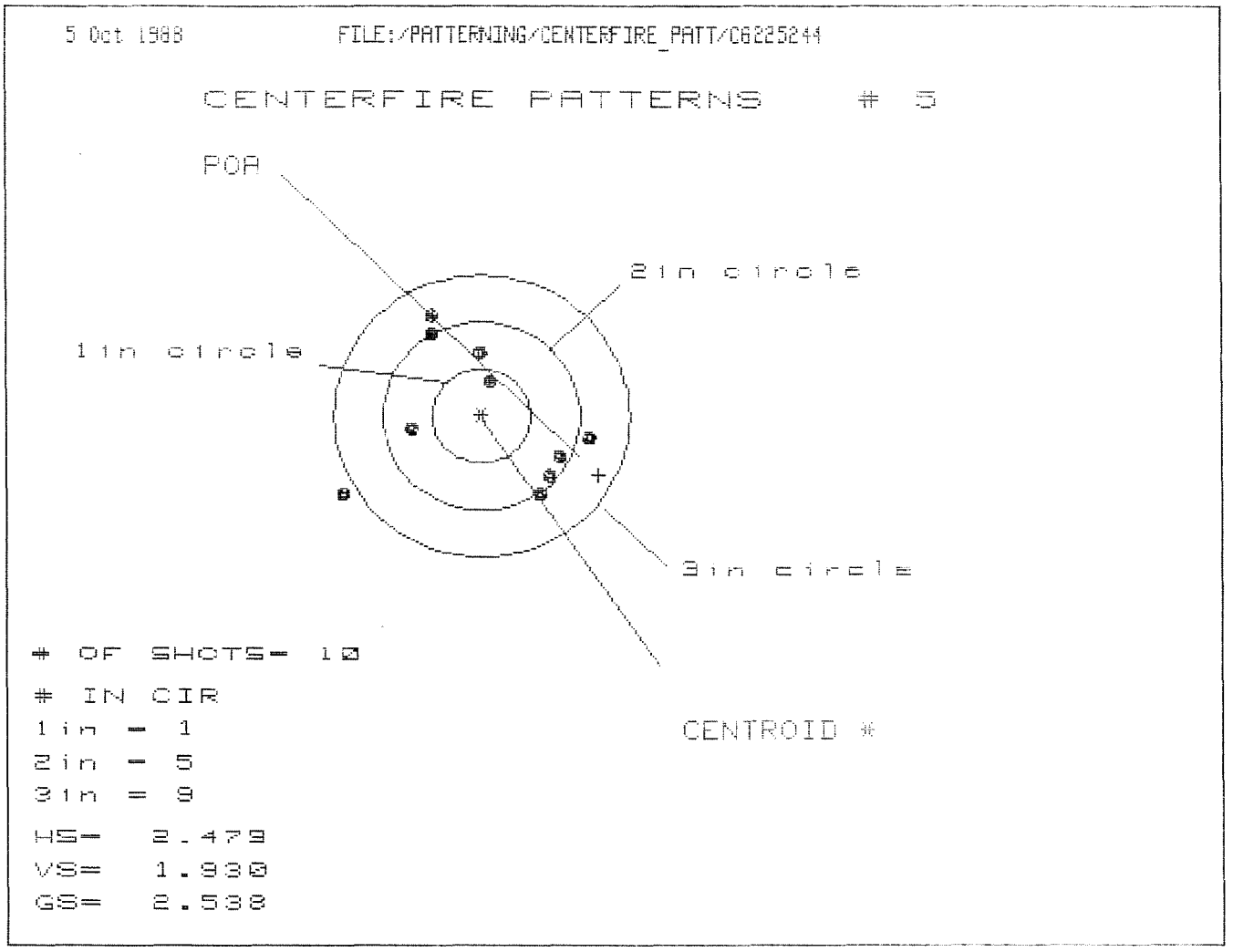
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.271	1.055	.887
MINIMUM X	:	-1.942	-1.342	-1.107
MAXIMUM Y	:	1.145	1.186	1.014
MINIMUM Y	:	-1.419	-1.378	-1.072
CENTROID X	:	-1.075	-.859	-.692
CENTROID Y	:	.174	.133	.305
POA TO CENTROID in.	:	1.089	.869	.756
MIN RADIUS	:	.136	.286	.378
MEAN RADIUS	:	1.027	.884	.719
MAX RADIUS	:	1.977	1.923	1.501
HORIZONTAL SPREAD	:	3.213	2.397	1.994
VERTICAL SPREAD	:	2.564	2.564	2.086
EXTREME SPREAD	:	3.470	2.886	2.886
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		7	



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.637	.929	.810
MINIMUM X	:	-1.132	-.950	-.849
MAXIMUM Y	:	1.570	1.570	1.427
MINIMUM Y	:	-1.147	-1.147	-1.183
CENTROID X	:	-1.375	-1.557	-1.438
CENTROID Y	:	.757	.757	.900
POA TO CENTROID in.	:	1.570	1.731	1.697
MIN RADIUS	:	.054	.143	.112
MEAN RADIUS	:	1.037	.973	.890
MAX RADIUS	:	1.637	1.572	1.456
HORIZONTAL SPREAD	:	2.769	1.879	1.659
VERTICAL SPREAD	:	2.717	2.717	2.610
EXTREME SPREAD	:	2.999	2.857	2.693
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.263	1.066	.981
MINIMUM X	:	-1.774	-1.105	-1.190
MAXIMUM Y	:	1.612	1.642	1.335
MINIMUM Y	:	-1.348	-1.318	-1.113
CENTROID X	:	-1.835	-1.638	-1.553
CENTROID Y	:	.652	.622	.417
POA TO CENTROID in.	:	1.947	1.752	1.608
MIN RADIUS	:	.161	.039	.249
MEAN RADIUS	:	1.163	1.069	.976
MAX RADIUS	:	1.795	1.778	1.657
HORIZONTAL SPREAD	:	3.037	2.171	2.171
VERTICAL SPREAD	:	2.960	2.960	2.448
EXTREME SPREAD	:	3.148	2.968	2.887
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		7	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.048	.889	.799
MINIMUM X	:	-1.431	-.913	-1.002
MAXIMUM Y	:	1.103	1.013	.934
MINIMUM Y	:	-.827	-.917	-.790
CENTROID X	:	-1.187	-1.028	-.939
CENTROID Y	:	.629	.719	.593
POA TO CENTROID in.	:	1.343	1.254	1.110
MIN RADIUS	:	.407	.329	.479
MEAN RADIUS	:	.969	.870	.817
MAX RADIUS	:	1.647	1.240	1.195
HORIZONTAL SPREAD	:	2.479	1.802	1.802
VERTICAL SPREAD	:	1.930	1.930	1.725
EXTREME SPREAD	:	2.538	2.266	2.061
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	