C6521197

MODEL 700™ M24

Model SWS™

Action

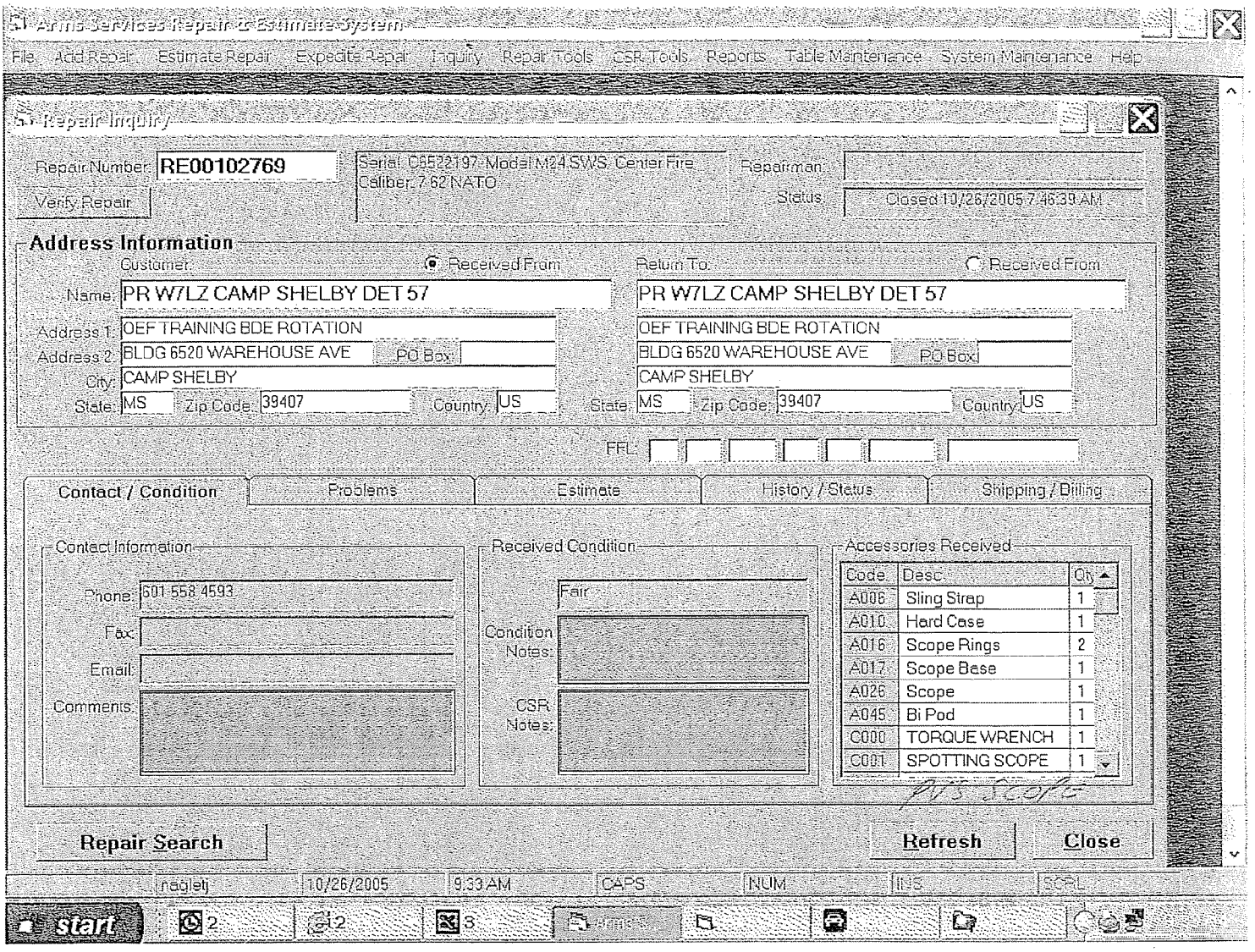
Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington®



Serial Number: C6522197

Model: M24 SWS

RE00102769

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6522197.__0
FILE DATE AND TIME: 11/28/2005 23:17

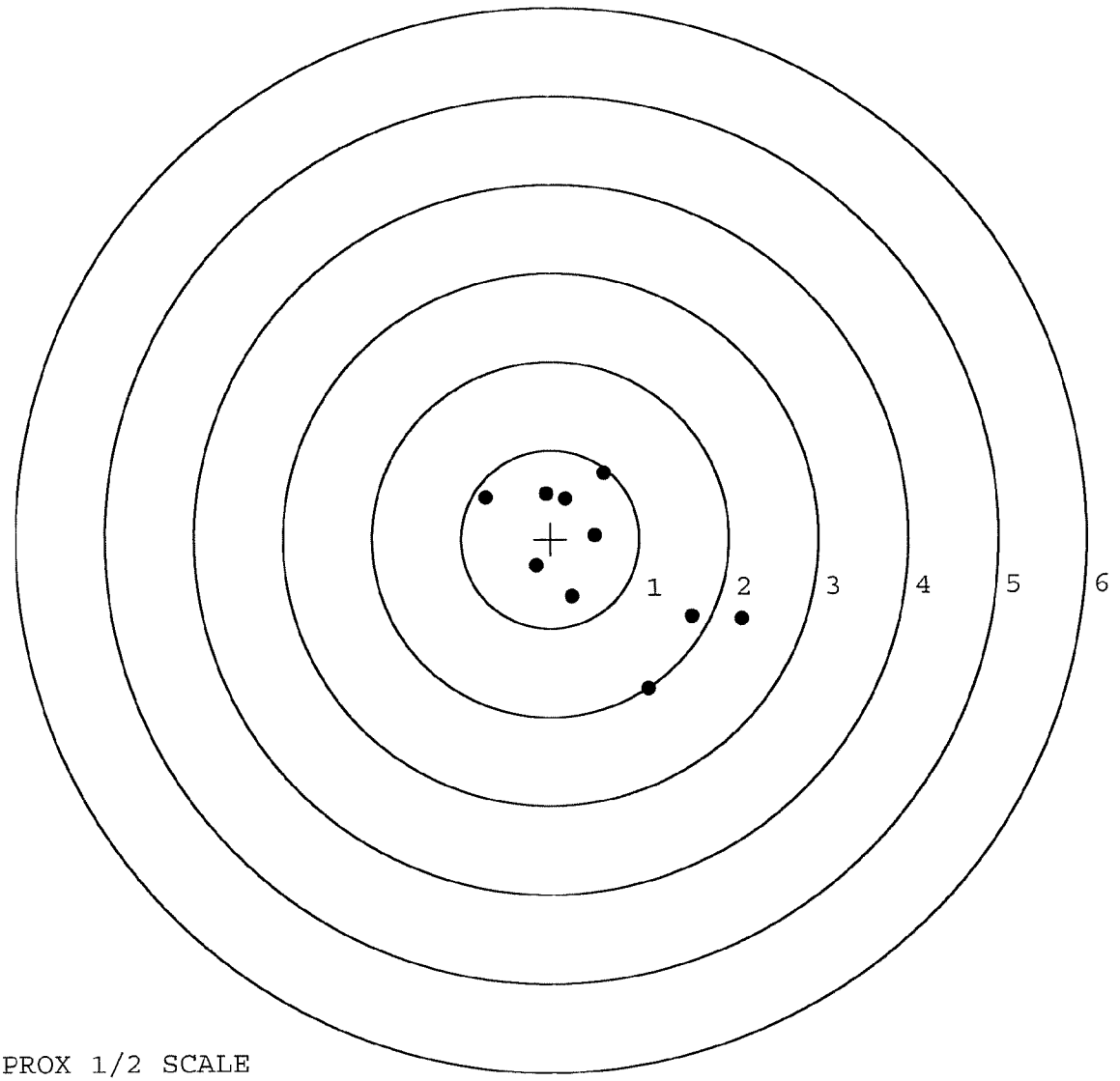
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.233
The Average Y Centroid of the Five Target Set:	-0.035
The Average Point of Impact of the Five Target Set:	0.235
The Average Mean Radius of the Five Target Set:	0.701
The Distance from POA to Centroid Target #1:	0.582
The Distance from Centroid Target #2 to Centroid Target #1:	0.528
The Distance from Centroid Target #3 to Centroid Target #1:	0.423
The Distance from Centroid Target #4 to Centroid Target #1:	0.507
The Distance from Centroid Target #5 to Centroid Target #1:	0.361

SERIAL NUMBER: C6522197.__0
TARGET NUMBER: 1
FILE DATE: 11/28/2005
FILE TIME: 23:17

X CENTROID:	0.537
Y CENTROID:	-0.225
POA TO CENTROID:	0.582
HORZ SPREAD:	2.862
VERT SPREAD:	2.435
GROUP SPREAD:	3.178
MIN RADIUS:	0.265
MAX RADIUS:	1.744
MEAN RADIUS:	1.016
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	-0.161	-0.305
2:	0.234	-0.652
3:	0.494	0.037
4:	0.170	0.453
5:	-0.053	0.508
6:	0.601	0.739
7:	-0.723	0.467
8:	1.580	-0.883
9:	2.139	-0.914
10:	1.091	-1.696

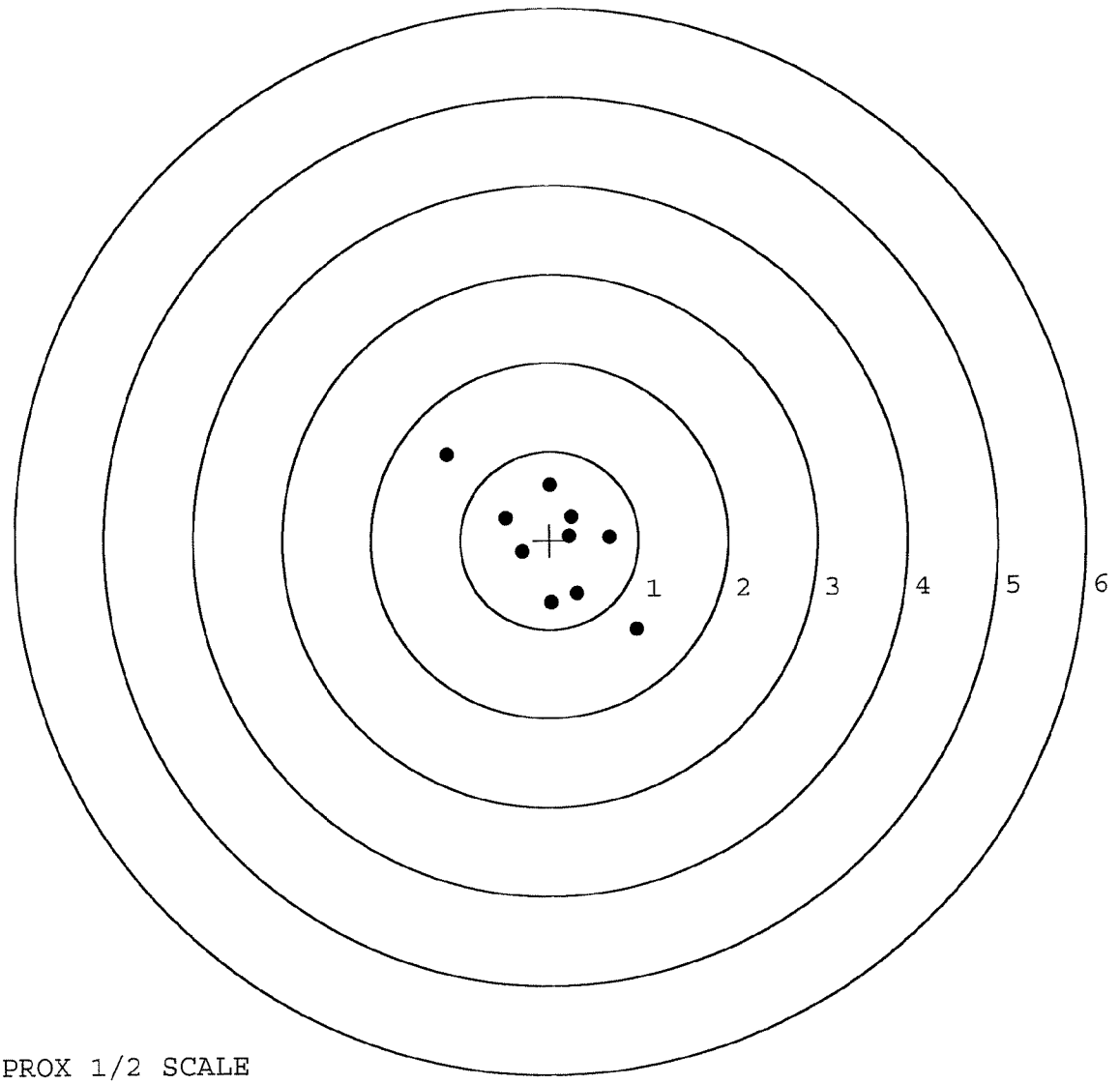


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522197.__0
TARGET NUMBER: 2
FILE DATE: 11/28/2005
FILE TIME: 23:17

X CENTROID:	0.049
Y CENTROID:	-0.025
POA TO CENTROID:	0.055
HORZ SPREAD:	2.117
VERT SPREAD:	1.976
GROUP SPREAD:	2.896
MIN RADIUS:	0.183
MAX RADIUS:	1.552
MEAN RADIUS:	0.701
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.217	0.046
2:	0.241	0.264
3:	0.013	0.626
4:	-0.496	0.259
5:	-0.309	-0.127
6:	0.018	-0.705
7:	0.306	-0.605
8:	0.972	-1.009
9:	0.669	0.030
10:	-1.145	0.967

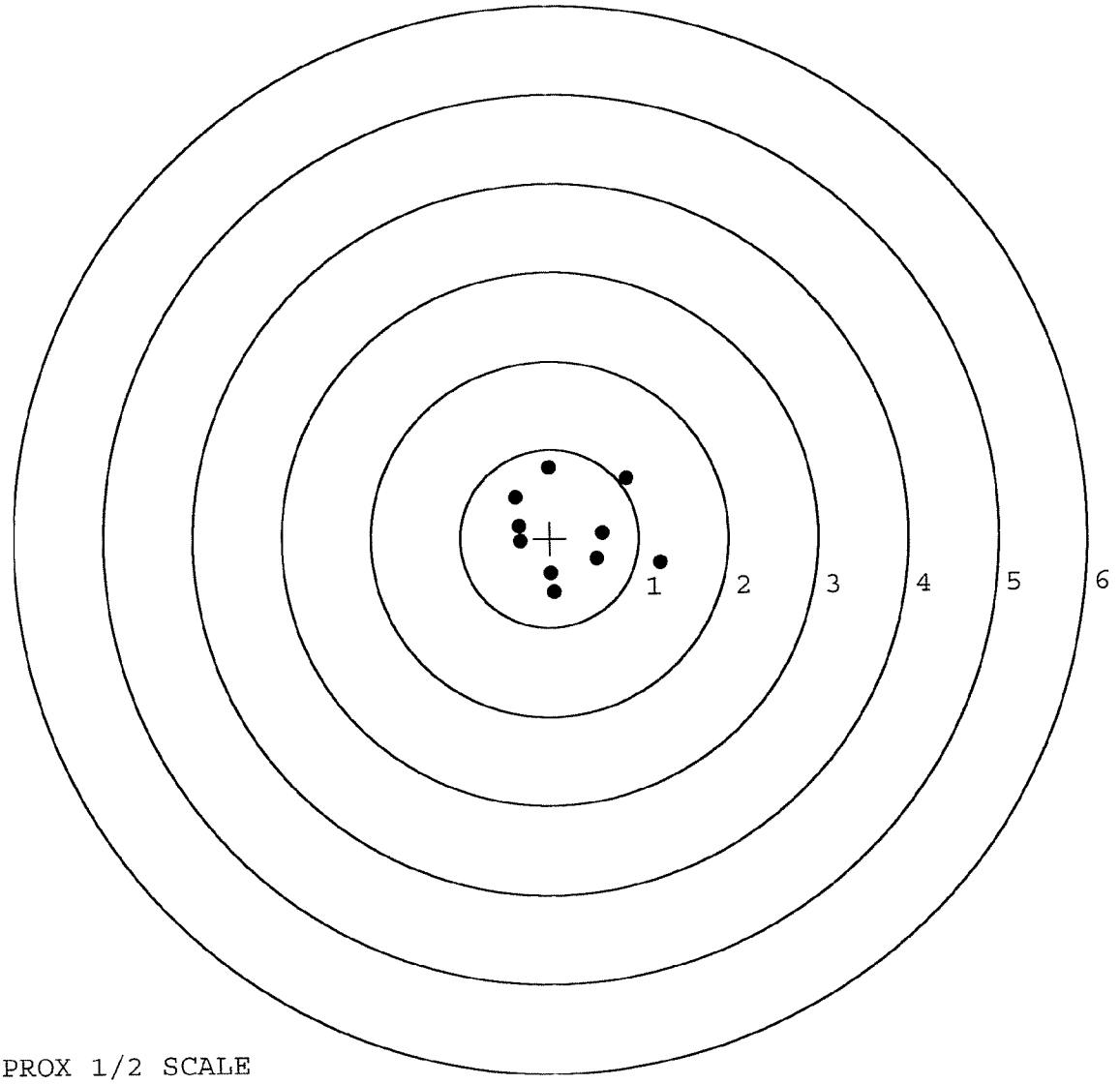


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522197.__0
TARGET NUMBER: 3
FILE DATE: 11/28/2005
FILE TIME: 23:17

X CENTROID:	0.220
Y CENTROID:	0.056
POA TO CENTROID:	0.227
HORZ SPREAD:	1.621
VERT SPREAD:	1.410
GROUP SPREAD:	1.789
MIN RADIUS:	0.368
MAX RADIUS:	1.074
MEAN RADIUS:	0.657
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.327	-0.034
2:	-0.341	0.139
3:	-0.385	0.465
4:	-0.008	0.797
5:	0.862	0.671
6:	0.588	0.057
7:	0.526	-0.237
8:	1.236	-0.292
9:	0.044	-0.613
10:	0.008	-0.394

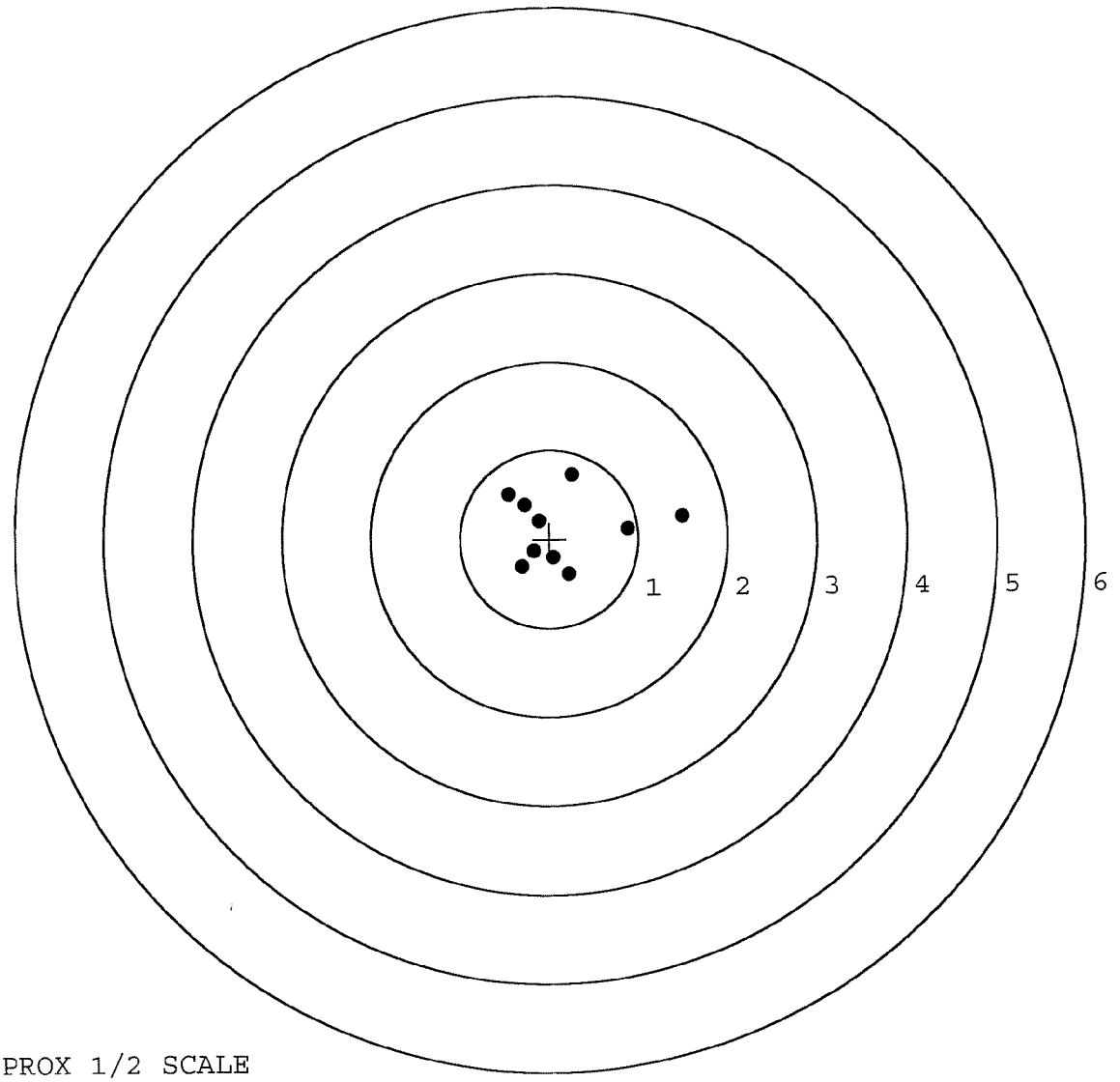


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522197.__0
TARGET NUMBER: 4
FILE DATE: 11/28/2005
FILE TIME: 23:17

X CENTROID:	0.156
Y CENTROID:	0.110
POA TO CENTROID:	0.191
HORZ SPREAD:	1.953
VERT SPREAD:	1.114
GROUP SPREAD:	1.970
MIN RADIUS:	0.292
MAX RADIUS:	1.348
MEAN RADIUS:	0.612
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.176	-0.138
2:	-0.312	-0.310
3:	0.043	-0.213
4:	0.217	-0.399
5:	0.885	0.107
6:	1.497	0.246
7:	0.259	0.715
8:	-0.119	0.206
9:	-0.274	0.382
10:	-0.456	0.501

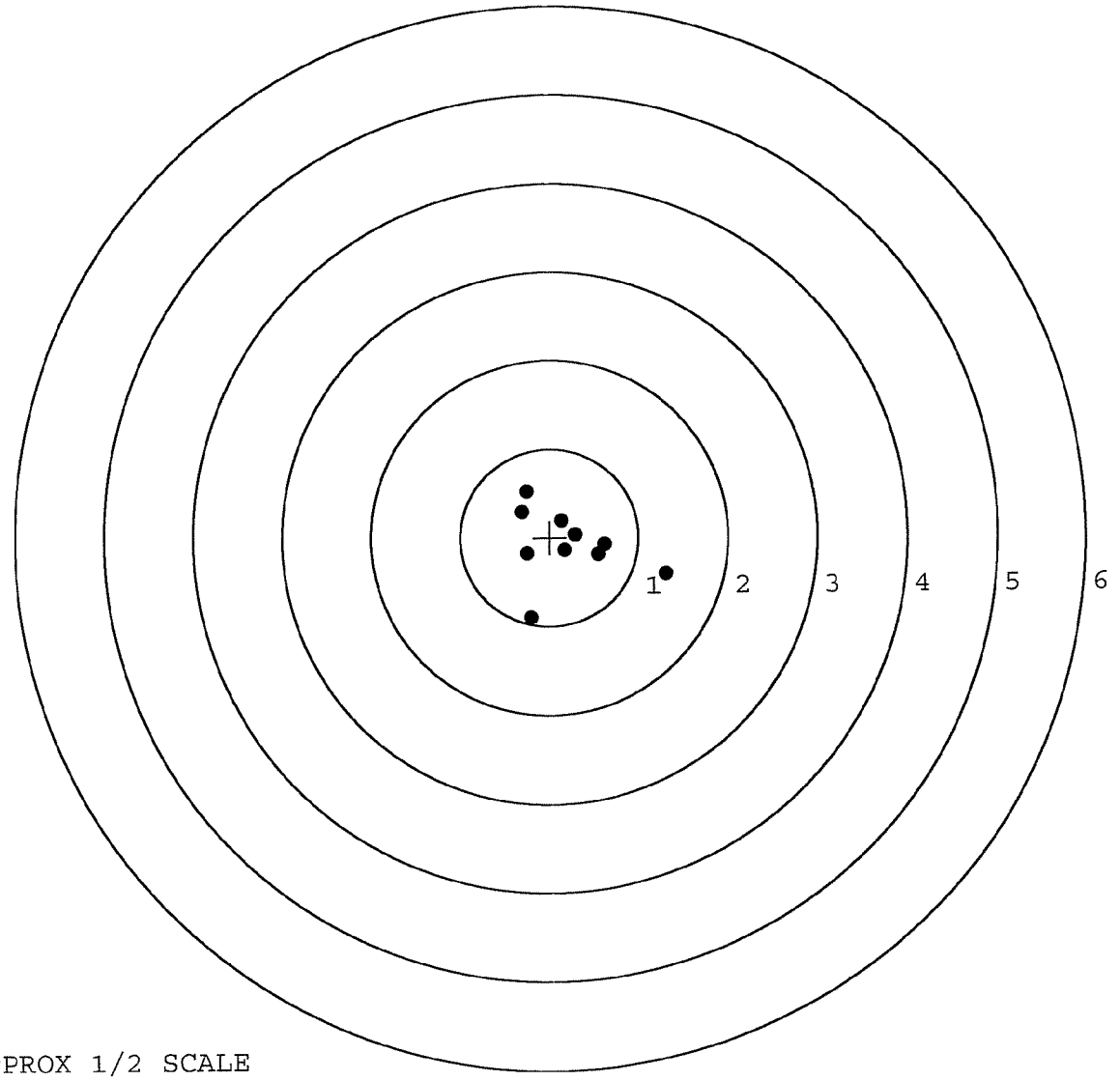


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522197.__0
TARGET NUMBER: 5
FILE DATE: 11/28/2005
FILE TIME: 23:17

X CENTROID:	0.201
Y CENTROID:	-0.091
POA TO CENTROID:	0.221
HORZ SPREAD:	1.613
VERT SPREAD:	1.430
GROUP SPREAD:	1.823
MIN RADIUS:	0.066
MAX RADIUS:	1.148
MEAN RADIUS:	0.522
# IN 1 IN DIAMETER:	6
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

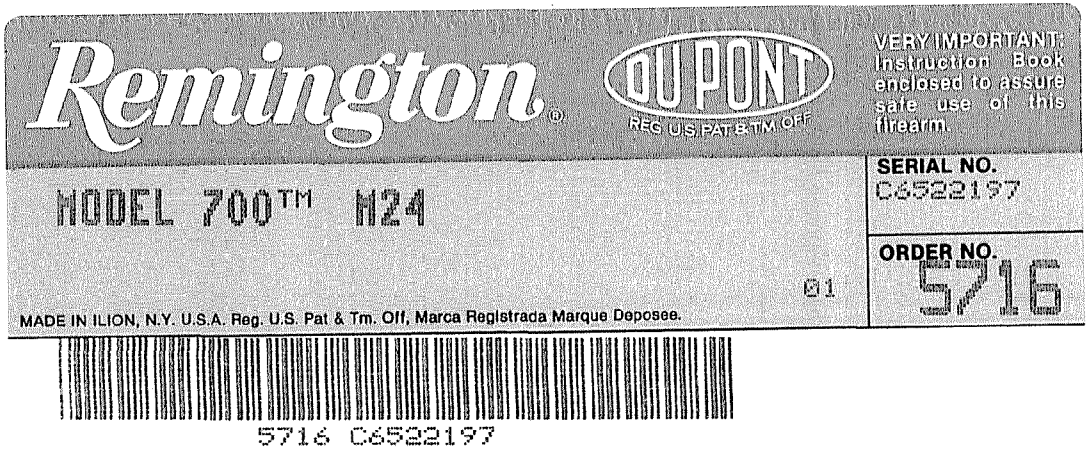
POINT#	X	Y
1:	-0.259	-0.181
2:	-0.313	0.289
3:	-0.259	0.521
4:	-0.216	-0.909
5:	0.137	0.192
6:	0.173	-0.151
7:	0.541	-0.197
8:	0.617	-0.086
9:	1.300	-0.423
10:	0.291	0.030

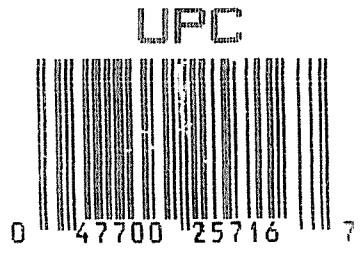


TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-C-0149

R & E NUMBER	102769	CAMP Shelby		
SERIAL NUMBER	C6522197			
LOG-IN DATE	10-26-05			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		11-3-05	AC
505	RE-BARREL		11-8-05	AC
560	ASSEMBLE		11-15-05	CD
600	PROOF	MAGNA - FLUX	11-15-05	CD
605	CHECK HEADSPACE	INSPECTED	11-15-05	CD
610	DIS-ASSEMBLE GUN	NOV 18 2005	11-15-05	CD
612	MAGNAFLUX	OPERATOR [illegible]	11/18/05	[illegible]
510	DRILL AND TAP		11-17-05	BR
615	ROLLMARK CALIBER		11-18-05	CW
618	ROTO-BLAST		11-21-05	LB
620	APPLY COATINGS		11/22/05	BB
625	FINAL ASSEMBLY		11-23-05	AC
640	FUNCTION TEST AND	(PASS) FAIL	11-28-05	MOW
650	TARGET	(PASS) FAIL	11-28-05	MOW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION OK		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		11-29-05	AC
	A) HEADSPACE	(PASS) FAIL	11-29-05	AC
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)			X
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS)	5 lbs 5 lbs 5 lbs		AC
	G) SAFETY OFF FORCE (2 LBS)	3 lbs 3 lbs 3 lbs		AC
	I) FIRING PIN INDENT (.020)	.021 .021 .021		AC
690	PACK		11-29-05	[illegible]

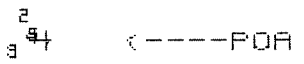




CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6522197
11 Sep 1990

CENTROIDAL DISTANCES

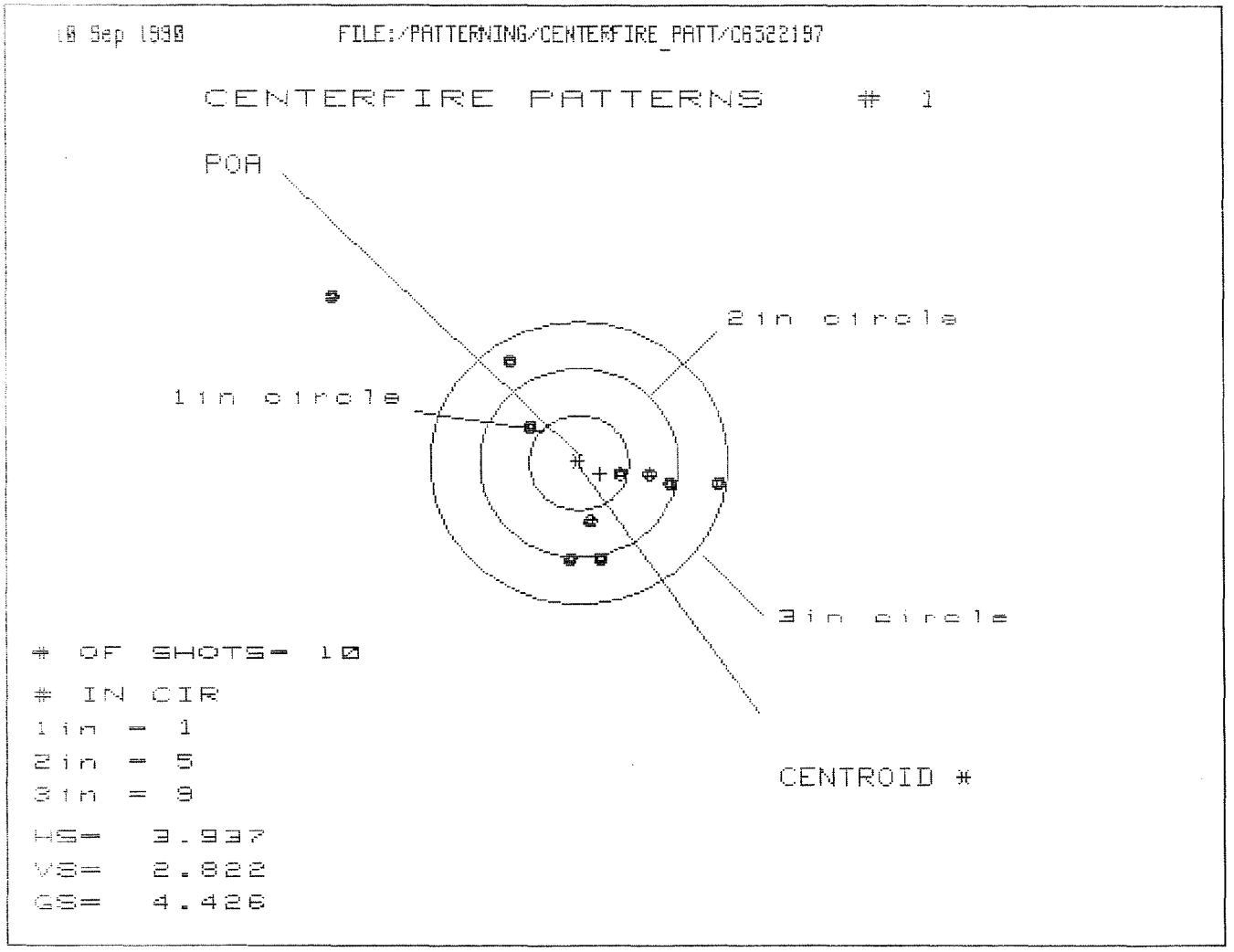
0	TO	1	.0936803
1	TO	2	.579843
1	TO	3	.680404
1	TO	4	.277305
1	TO	5	.236044



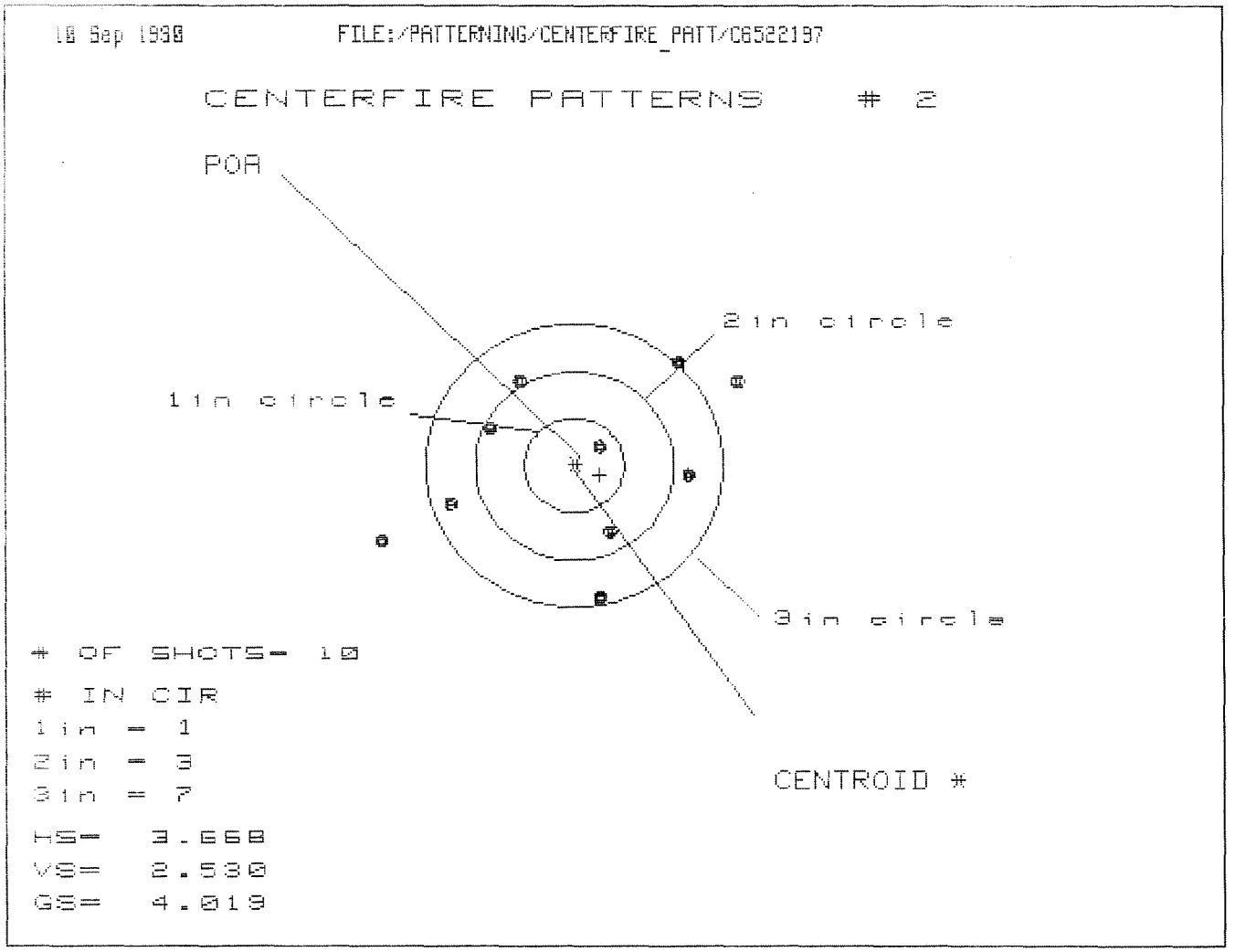
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.2836
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .13
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .311976

THE AMR FOR THIS RIFLE IS: 1.31 ROUNDS OUT

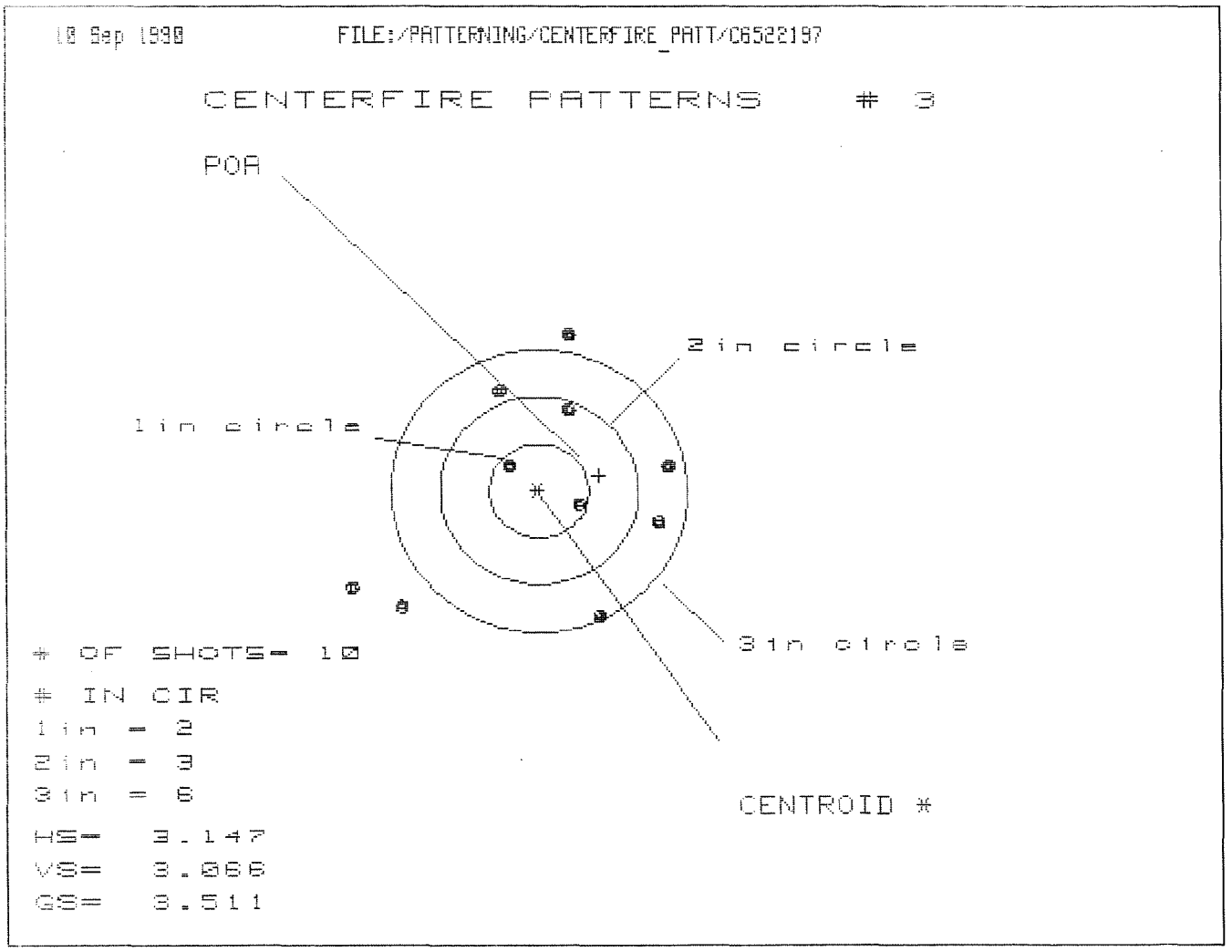
OK Rifle TO 1.3



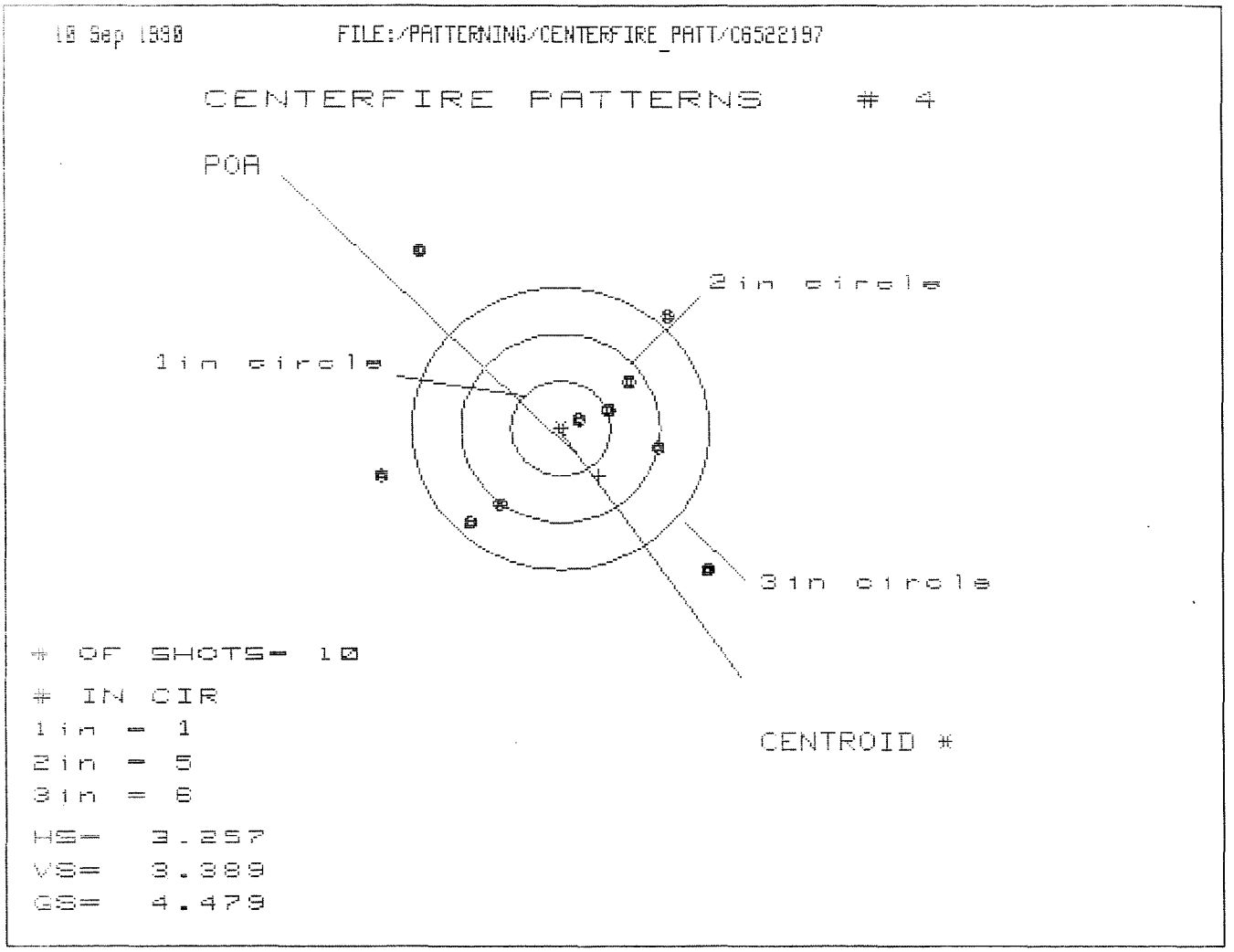
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.426	1.147	.793
MINIMUM X	:	-2.511	-.959	-.815
MAXIMUM Y	:	1.805	1.284	1.282
MINIMUM Y	:	-1.017	-.816	-.818
CENTROID X	:	-.208	.071	-.073
CENTROID Y	:	.121	-.080	-.078
POA TO CENTROID in.	:	.241	.107	.107
MIN RADIUS	:	.390	.153	.269
MEAN RADIUS	:	1.105	.777	.747
MAX RADIUS	:	3.092	1.602	1.519
HORIZONTAL SPREAD	:	3.937	2.106	1.608
VERTICAL SPREAD	:	2.822	2.100	2.100
EXTREME SPREAD	:	4.426	2.475	2.299
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	



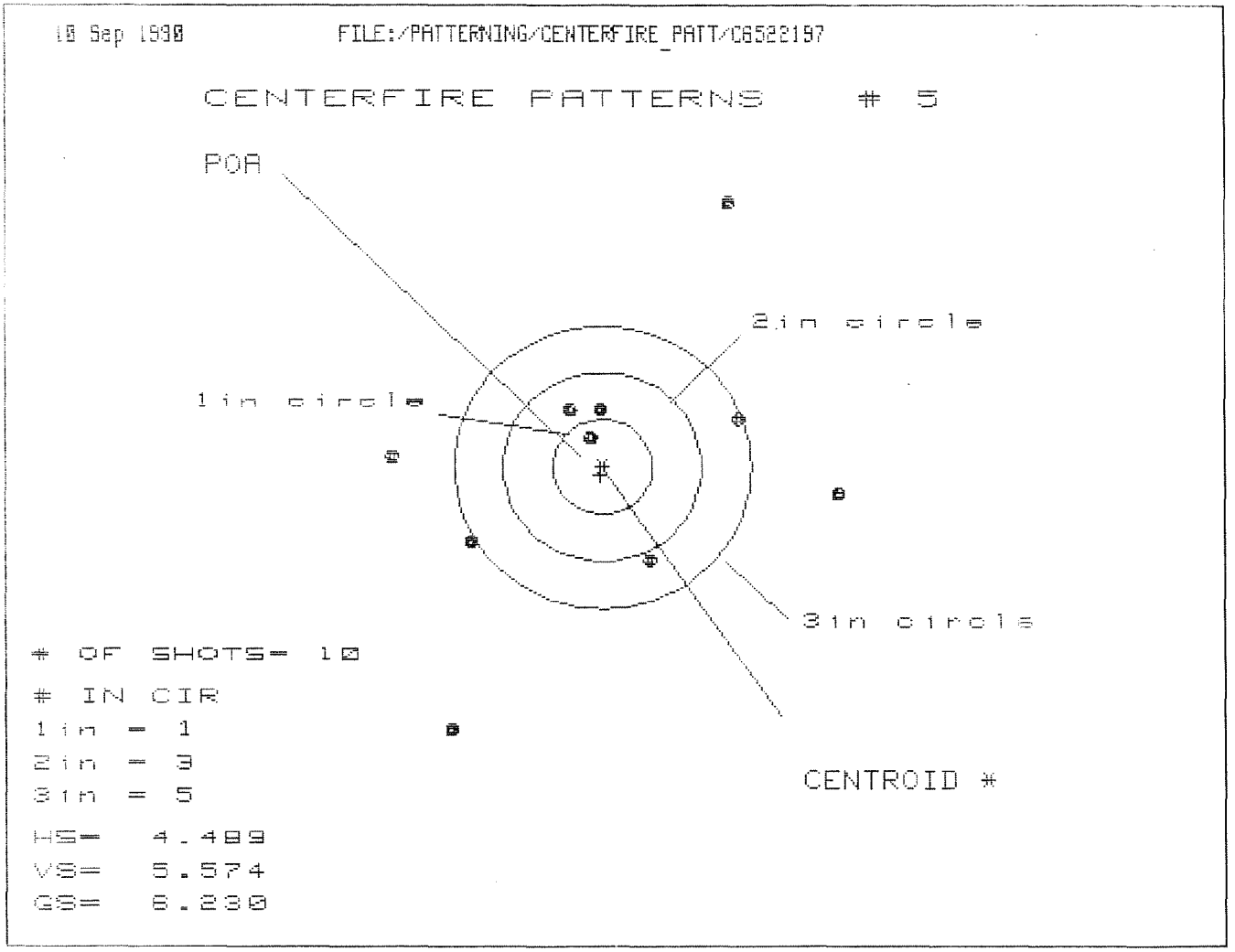
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.671	1.449	1.071
MINIMUM X	:	-1.997	-1.450	-1.269
MAXIMUM Y	:	1.101	1.013	1.109
MINIMUM Y	:	-1.429	-1.517	-1.421
CENTROID X	:	-.251	-.029	-.210
CENTROID Y	:	.103	.191	.095
POA TO CENTROID in.	:	.271	.193	.231
MIN RADIUS	:	.293	.070	.263
MEAN RADIUS	:	1.251	1.117	1.057
MAX RADIUS	:	2.148	1.638	1.519
HORIZONTAL SPREAD	:	3.668	2.899	2.340
VERTICAL SPREAD	:	2.530	2.530	2.530
EXTREME SPREAD	:	4.019	3.141	2.730
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		7	



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.287	1.081	.875
MINIMUM X	:	-1.860	-1.643	-.843
MAXIMUM Y	:	1.688	1.568	1.398
MINIMUM Y	:	-1.377	-1.498	-1.668
CENTROID X	:	-.604	-.398	-.192
CENTROID Y	:	-.167	-.047	.123
POA TO CENTROID in.	:	.627	.400	.228
MIN RADIUS	:	.373	.267	.394
MEAN RADIUS	:	1.265	1.123	.972
MAX RADIUS	:	2.151	2.136	1.681
HORIZONTAL SPREAD	:	3.147	2.724	1.718
VERTICAL SPREAD	:	3.066	3.066	3.066
EXTREME SPREAD	:	3.511	3.408	3.082
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		6	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.463	1.300	1.086
MINIMUM X	:	-1.794	-1.957	-1.795
MAXIMUM Y	:	1.879	1.410	1.247
MINIMUM Y	:	-1.510	-1.301	-.952
CENTROID X	:	-.381	-.218	-.380
CENTROID Y	:	.503	.294	.457
POA TO CENTROID in.	:	.631	.366	.594
MIN RADIUS	:	.213	.346	.245
MEAN RADIUS	:	1.289	1.152	1.054
MAX RADIUS	:	2.384	1.973	1.841
HORIZONTAL SPREAD	:	3.257	3.257	2.881
VERTICAL SPREAD	:	3.389	2.711	2.199
EXTREME SPREAD	:	4.479	3.423	3.324
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		6	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.369	2.201	2.338
MINIMUM X	:	-2.119	-2.288	-2.151
MAXIMUM Y	:	2.770	2.458	.578
MINIMUM Y	:	-2.804	-1.337	-1.030
CENTROID X	:	.026	.195	.057
CENTROID Y	:	.090	.402	.095
POA TO CENTROID in.	:	.094	.447	.111
MIN RADIUS	:	.300	.306	.311
MEAN RADIUS	:	1.642	1.434	1.275
MAX RADIUS	:	3.188	2.693	2.356
HORIZONTAL SPREAD	:	4.489	4.489	4.489
VERTICAL SPREAD	:	5.574	3.795	1.607
EXTREME SPREAD	:	6.230	4.508	4.508
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		5	

SWS TRIGGER PULL TEST

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

SERIAL NO. C6522197
DATE 9/7/90
TESTER WB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.46	2.43	2.48	2.39	MIN. SETTING,
PULL #2	2.43	2.43	2.41	2.35	NO AVG. OF 5
PULL #3	2.43	2.46	2.52	2.30	READINGS ACCEPT-
PULL #4	2.39	2.44	2.52	2.36	ABLE LESS THAN 2#
PULL #5	2.43	2.48	2.49	2.40	
TOTAL	12.14	12.24	12.42	11.80	
AVG.	2.43	2.45	2.48	2.36	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.22	3.20		
PULL #2	3.19	3.13		
PULL #3	3.17	3.16		
PULL #4	3.15	3.15		
PULL #5	3.07	3.15		
TOTAL	15.80	15.79		
AVG.	3.	3.16		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.10	4.09		4.14
PULL #2	4.00	4.04		4.17
PULL #3	4.08	4.06		4.12
PULL #4	4.04	4.04		4.16
PULL #5	4.05	4.11		4.17
TOTAL	20.27	20.34		20.76
AVG.	4.05	4.07		4.15

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6522197

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		8/1/90	KS
600	Proof		8/1/90	KS
607	Check Headspace		8/1/90	KS
610	Dis-assemble Gun		8/1/90	KS
612	Magnaflux Barrel Action		8/6/90	KR
	Magnaflux Bolt		8/6/90	KR.
615	Rollmark Caliber		8/6/90	DL.
617	Drill and Tap Sight Holes		8/10/90	KB
618	Polish Barrel RB		8/14/90	WB
620	Apply Coatings (Barrel Action)		8/22/90	JS
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head			
	C) Inspect Ejector Hole for Chamfer			
	D) Oil Firing Pin Ass'y			
	E) Adjust Trigger Pull to Min Setting and Stake		9/7/90	WB

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5 1/2	6	5 1/2			9/7/90	WB
	G) Safety Off Force	7 1/2	7 1/2	7 1/2			9/7/90	WB
	H) Trigger Pull Test & Retainability						9/7/90	WB
	I) Firing Pin Indent	.0225	.0225	.0225			9/7/90	WB
	J) Assemble Stock						9/8/90	KS
	K) Assemble Swivel Studs						9/15/90	[illegible]
	L) Attach Front and Rear Sight Assemblies						9/8/90	KS
	M) Iron Sight Alignment						9/8/90	KS
	N) Detach Front & Rear Sights & place in numbered container						9/8/90	KS
	O) Attach Scope to Rifle						9/8/90	KS
	P) Detach & Attach Scope 20 Times						9/8/90	KS
640	Gallery Target & Test						9/10/90	AF
	A) Time						9/10/90	AF
	B) Malfunctions						9/10/90	AF
	C) Pierced Primers						9/10/90	AF
	D) Optical Clearity of Scope						9/10/90	AF
645	Inspect for Live Ammo						9/10/90	AF
655	Final Inspection A) Headspace						9/15/90	[illegible]
	B) Trigger Pull	2.34	2.35	2.30	2.36	2.40	9-14-90	[illegible]
	C) Function						9/15/90	[illegible]
660	Pack						9/19/90	AF