C652223

MODEL 700™ 1124

Model SWS™

Action

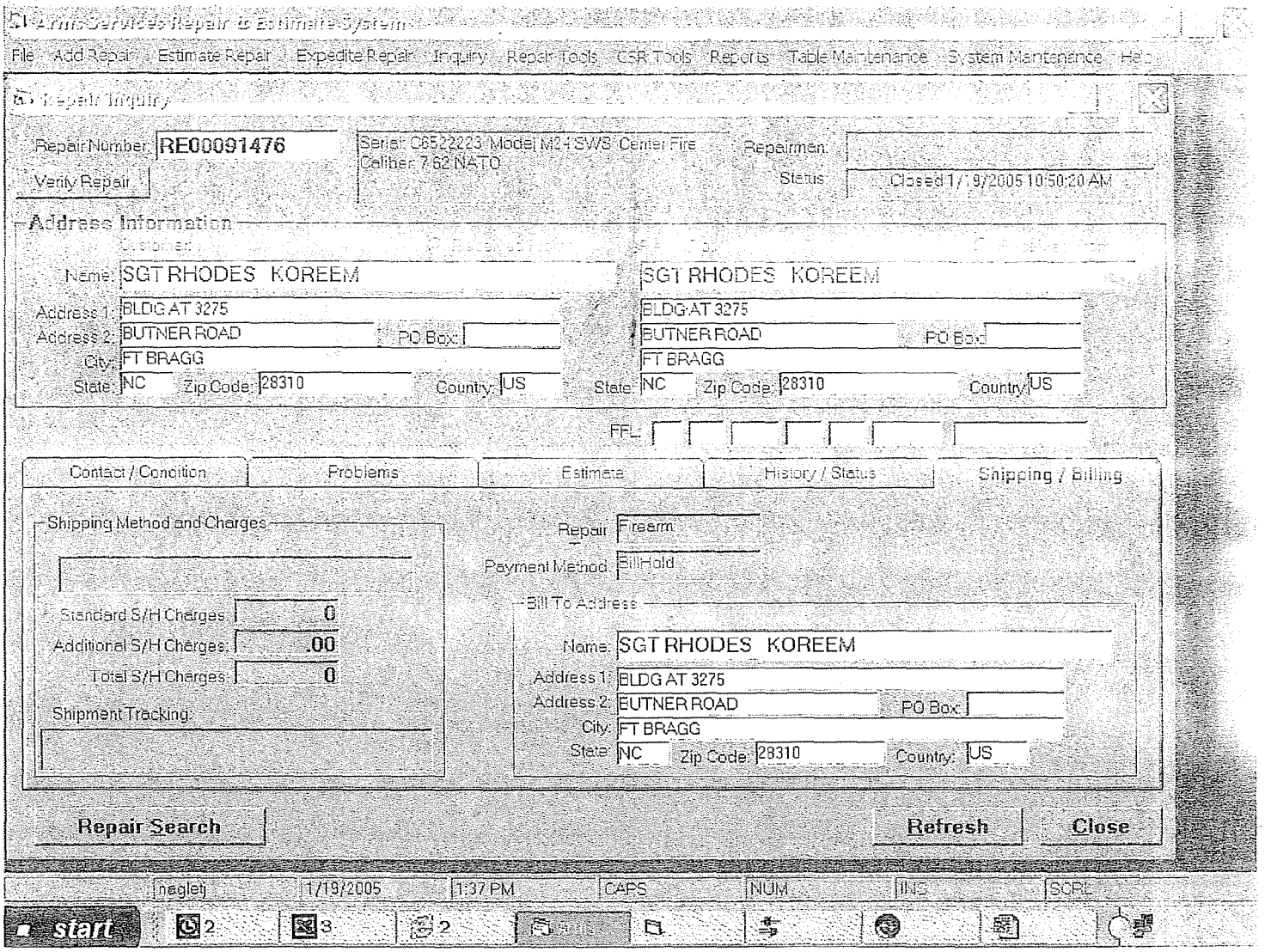
Barrel Length

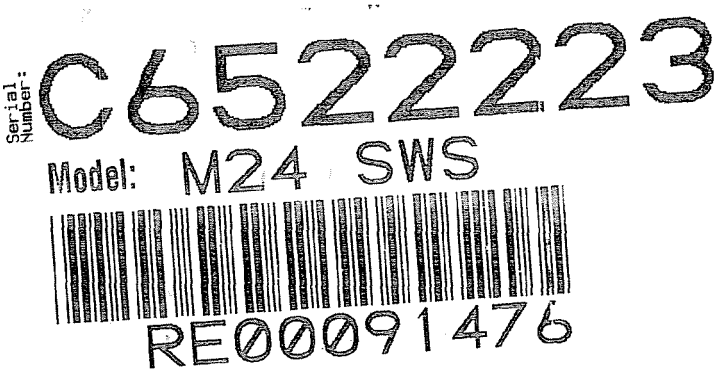
Capacity

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: RE00091476
Verify Repair
Serial: C65222223 Model: M24 SWS Center Fire Caliber: 7.62 NATO
Repairman:
Status: Closed 1/19/2005 10:50:20 AM
Address Information
Customer
Name: SGT RHODES KOREEM
Address 1: BLDG AT 3275
Address 2: BUTNER ROAD
PO Box:
City: FT BRAGG
State: NC Zip Code: 28310 Country: US
SGT RHODES KOREEM
BLDG AT 3275
BUTNER ROAD
PO Box:
FT BRAGG
State: NC Zip Code: 28310 Country: US
FFL:
Contact / Condition
Problems
Estimate
History / Status
Shipping / Billing
Shipping Method and Charges
Standard S/H Charges: 0
Additional S/H Charges: .00
Total S/H Charges: 0
Shipment Tracking:
Repair: Firearm
Payment Method: Bill/Hold
Bill To Address
Name: SGT RHODES KOREEM
Address 1: BLDG AT 3275
Address 2: BUTNER ROAD
PO Box:
City: FT BRAGG
State: NC Zip Code: 28310 Country: US
Repair Search
Refresh
Close
hagletj
1/19/2005
1:37 PM
CAPS
NUM
INS
SCRL
start


Serial Number:
C65222223
Model: M24 SWS
RE00091476

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6522223.__0
FILE DATE AND TIME: 02/02/2005 08:57

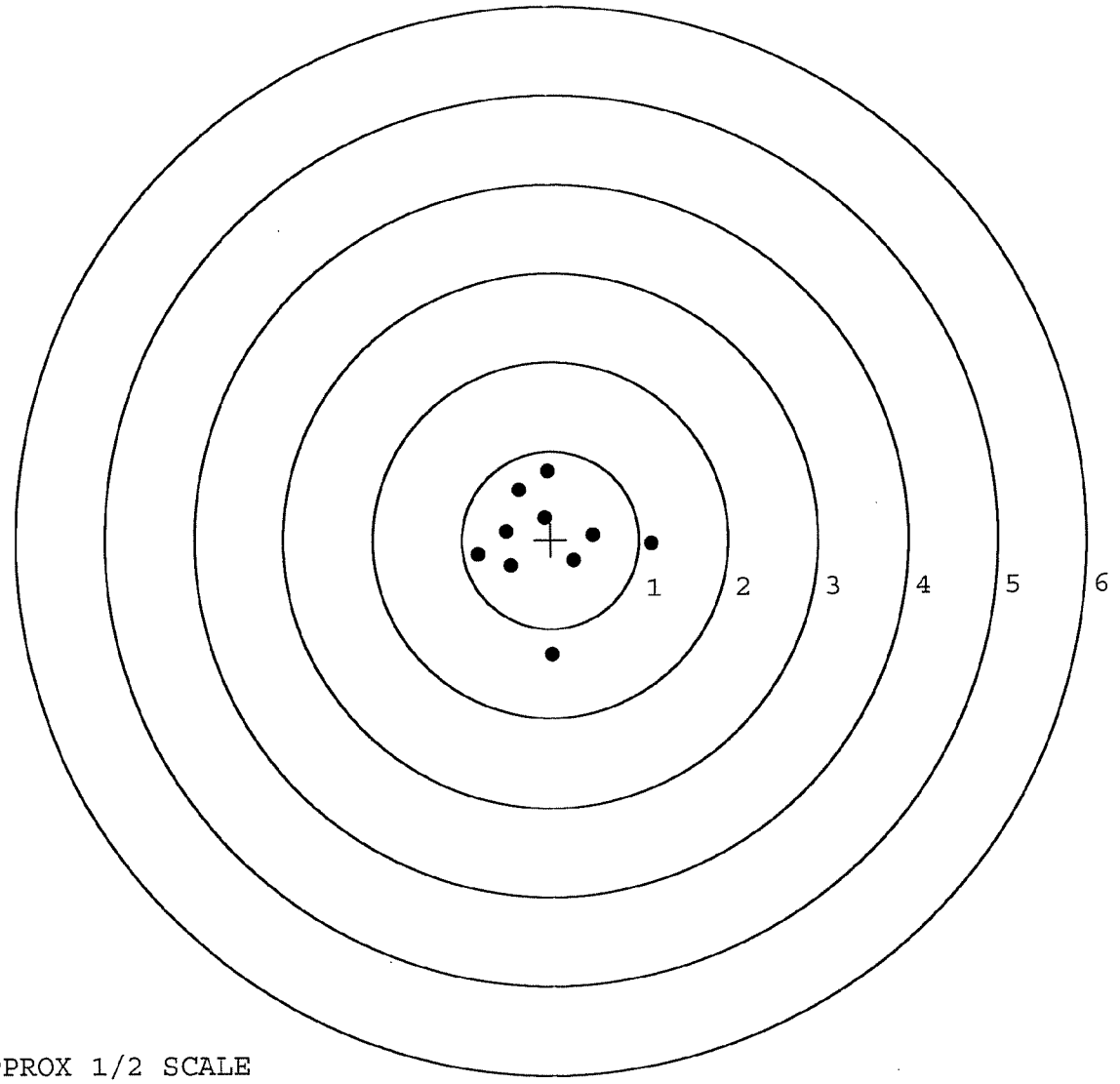
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.039
The Average Y Centroid of the Five Target Set:	-0.110
The Average Point of Impact of the Five Target Set:	0.117
The Average Mean Radius of the Five Target Set:	0.647
The Distance from POA to Centroid Target #1:	0.048
The Distance from Centroid Target #2 to Centroid Target #1:	0.174
The Distance from Centroid Target #3 to Centroid Target #1:	0.062
The Distance from Centroid Target #4 to Centroid Target #1:	0.261
The Distance from Centroid Target #5 to Centroid Target #1:	0.172

SERIAL NUMBER: C6522223.__0
TARGET NUMBER: 1
FILE DATE: 02/02/2005
FILE TIME: 08:57

X CENTROID:	-0.036
Y CENTROID:	-0.031
POA TO CENTROID:	0.048
HORZ SPREAD:	1.961
VERT SPREAD:	2.077
GROUP SPREAD:	2.078
MIN RADIUS:	0.280
MAX RADIUS:	1.268
MEAN RADIUS:	0.687
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.138	-0.054
2:	0.012	-1.298
3:	0.262	-0.237
4:	0.474	0.052
5:	-0.458	-0.292
6:	-0.823	-0.166
7:	-0.504	0.098
8:	-0.070	0.247
9:	-0.359	0.564
10:	-0.036	0.779

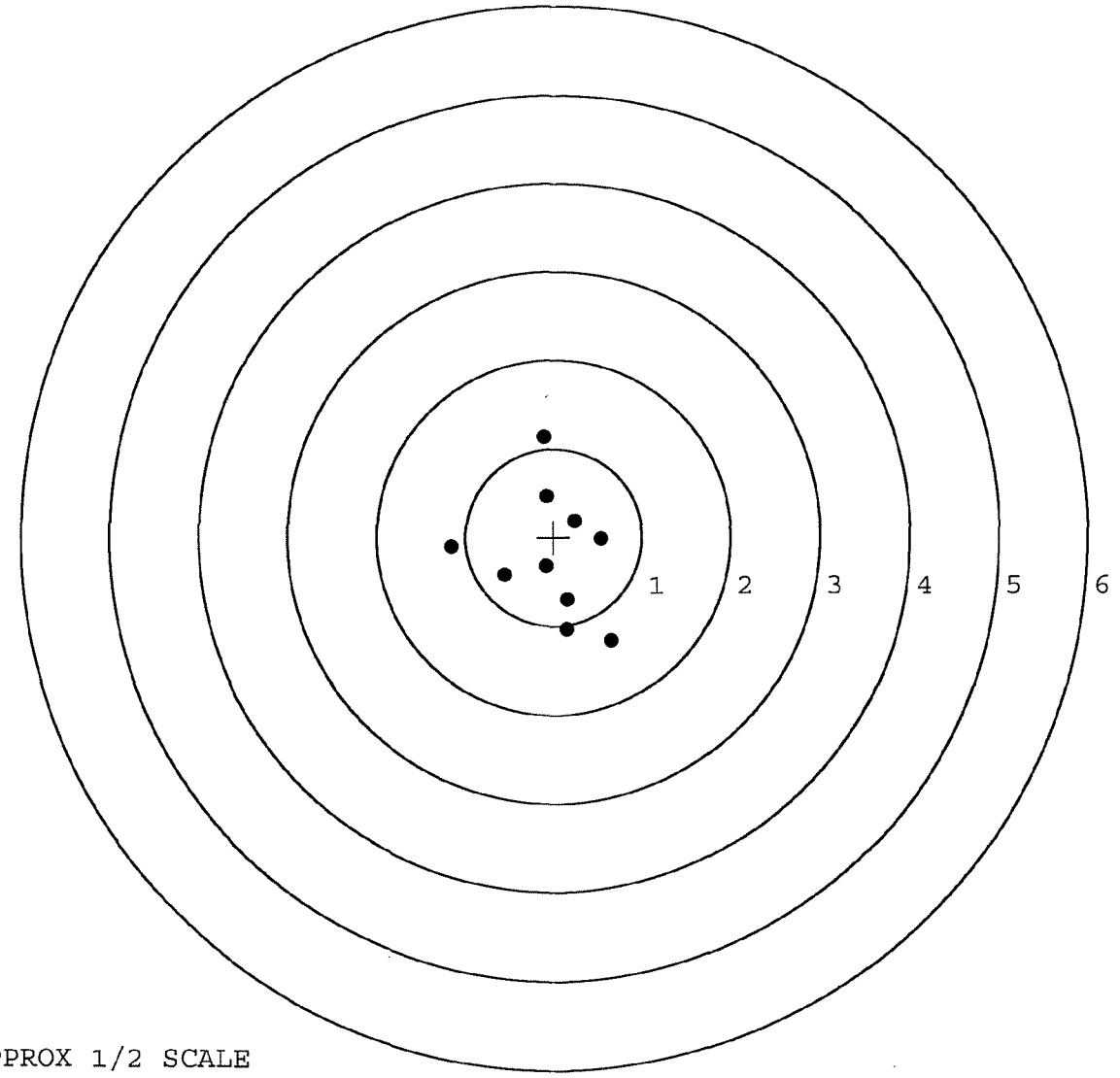


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522223.__0
TARGET NUMBER: 2
FILE DATE: 02/02/2005
FILE TIME: 08:57

X CENTROID:	-0.028
Y CENTROID:	-0.205
POA TO CENTROID:	0.207
HORZ SPREAD:	1.804
VERT SPREAD:	2.307
GROUP SPREAD:	2.431
MIN RADIUS:	0.148
MAX RADIUS:	1.348
MEAN RADIUS:	0.751
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.648	-1.167
2:	0.150	-1.045
3:	0.156	-0.707
4:	-0.092	-0.338
5:	-0.555	-0.437
6:	-1.156	-0.118
7:	0.539	-0.026
8:	0.236	0.185
9:	-0.092	0.465
10:	-0.117	1.140

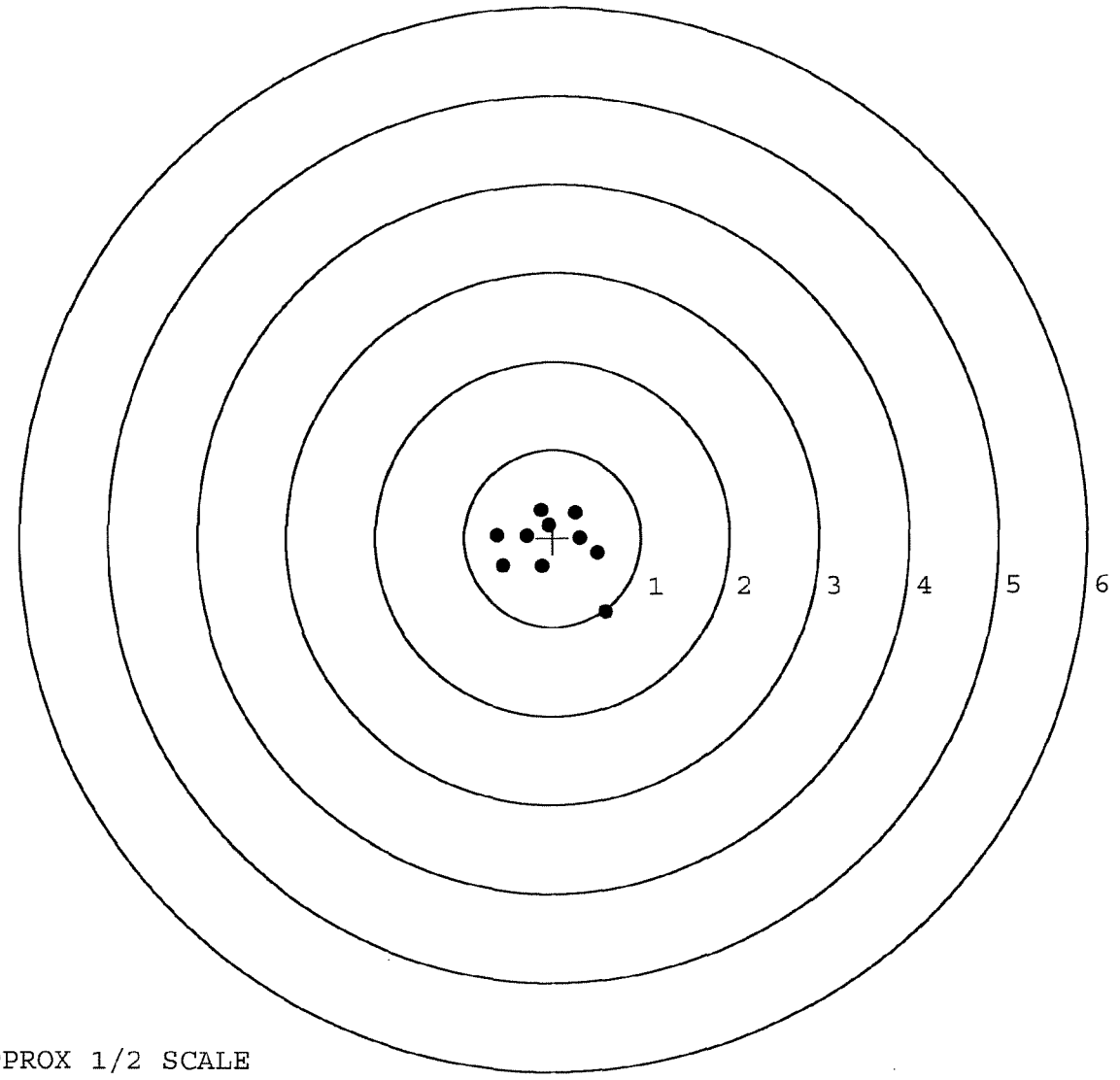


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522223.__0
TARGET NUMBER: 3
FILE DATE: 02/02/2005
FILE TIME: 08:57

X CENTROID:	-0.012
Y CENTROID:	-0.087
POA TO CENTROID:	0.088
HORZ SPREAD:	1.224
VERT SPREAD:	1.154
GROUP SPREAD:	1.497
MIN RADIUS:	0.229
MAX RADIUS:	0.963
MEAN RADIUS:	0.473
# IN 1 IN DIAMETER:	6
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.595	-0.835
2:	0.512	-0.176
3:	0.307	-0.010
4:	0.259	0.286
5:	-0.137	0.319
6:	-0.043	0.140
7:	-0.293	0.021
8:	-0.126	-0.326
9:	-0.563	-0.318
10:	-0.629	0.027

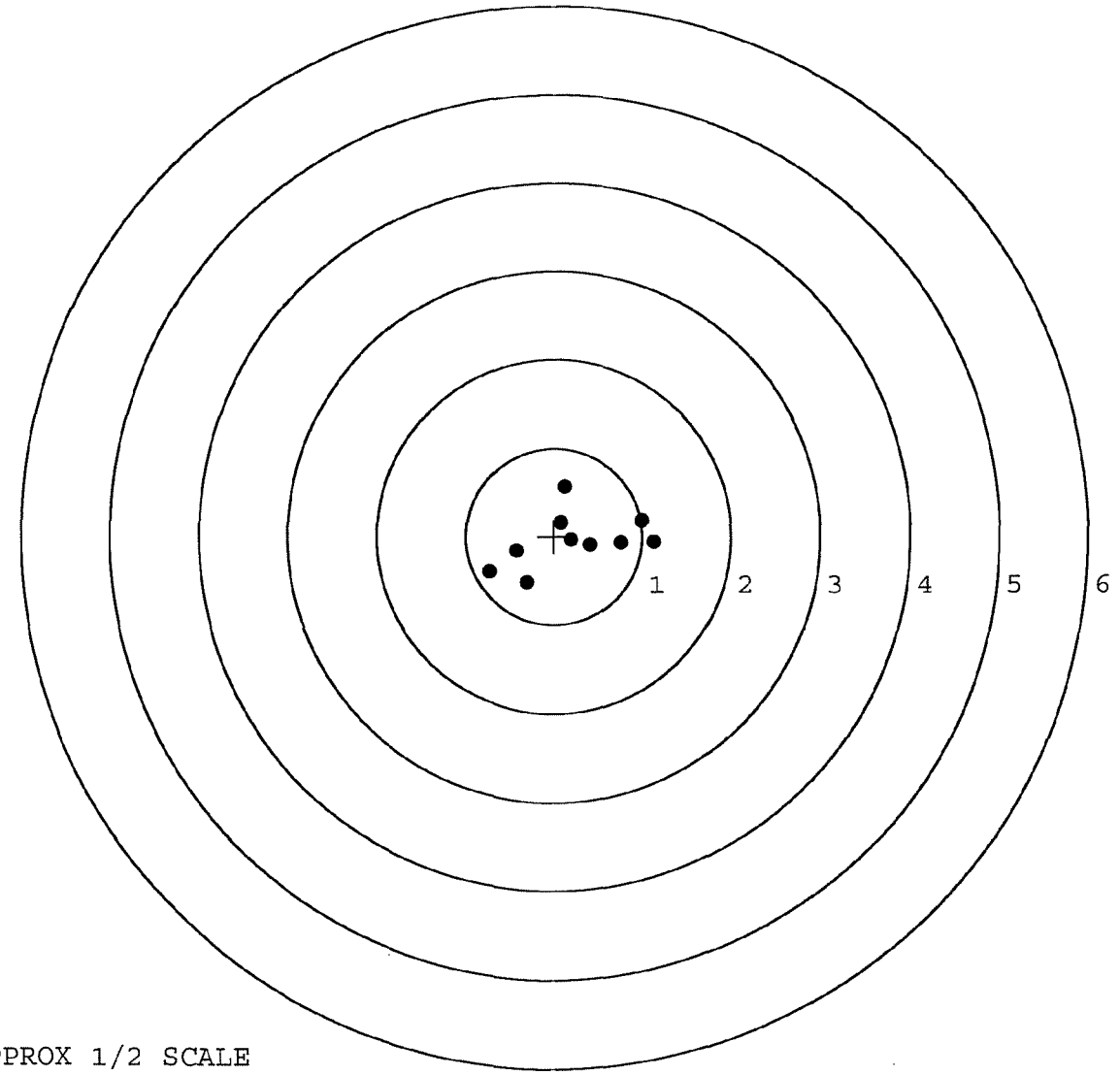


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522223.__0
TARGET NUMBER: 4
FILE DATE: 02/02/2005
FILE TIME: 08:57

X CENTROID:	0.224
Y CENTROID:	-0.048
POA TO CENTROID:	0.229
HORZ SPREAD:	1.869
VERT SPREAD:	1.085
GROUP SPREAD:	1.898
MIN RADIUS:	0.025
MAX RADIUS:	1.023
MEAN RADIUS:	0.574
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.134	-0.073
2:	0.761	-0.077
3:	0.999	0.179
4:	0.411	-0.106
5:	0.083	0.160
6:	0.200	-0.042
7:	0.122	0.565
8:	-0.307	-0.520
9:	-0.425	-0.165
10:	-0.735	-0.403

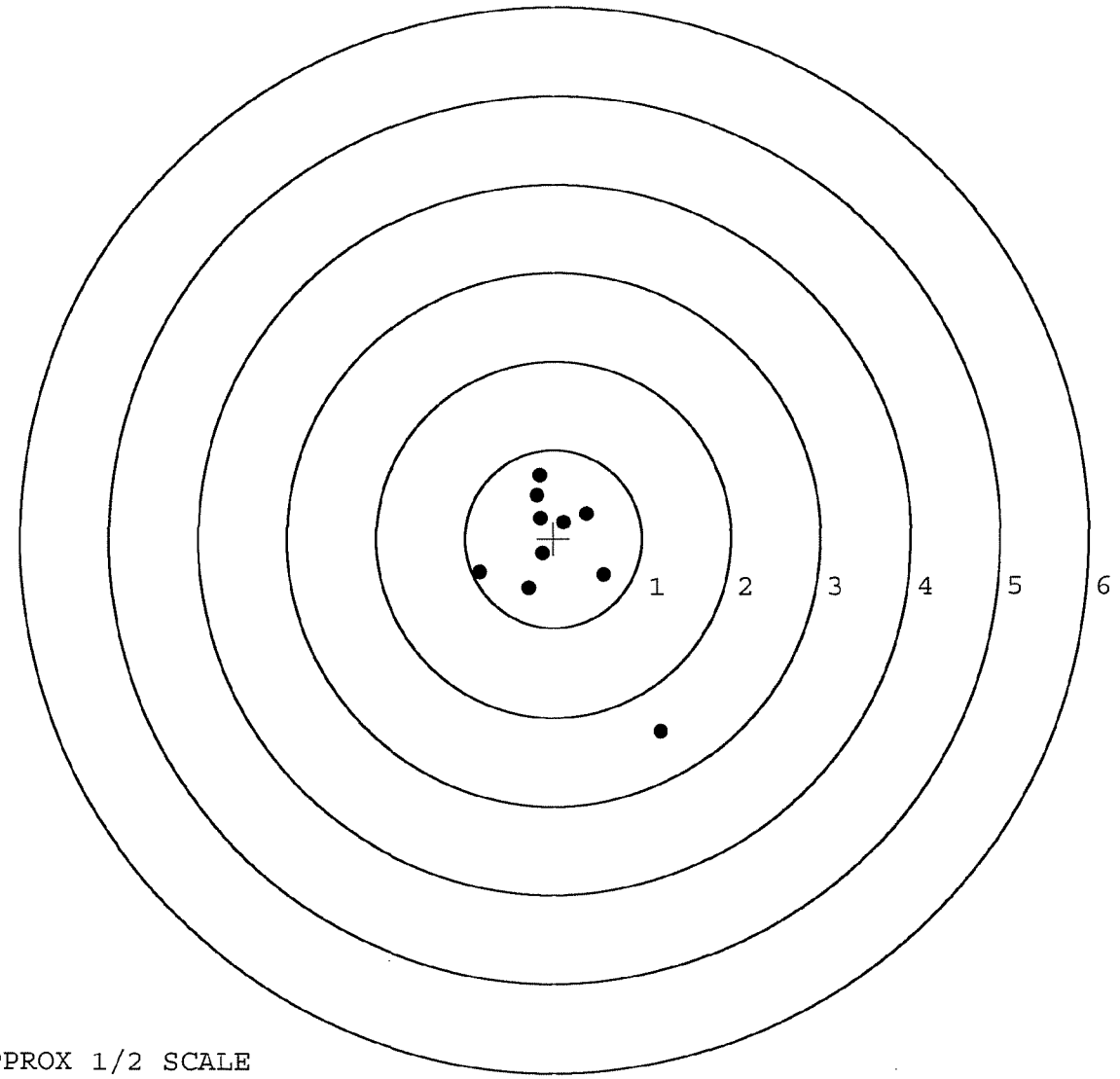


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522223.__0
TARGET NUMBER: 5
FILE DATE: 02/02/2005
FILE TIME: 08:57

X CENTROID:	0.049
Y CENTROID:	-0.180
POA TO CENTROID:	0.187
HORZ SPREAD:	2.035
VERT SPREAD:	2.886
GROUP SPREAD:	3.191
MIN RADIUS:	0.176
MAX RADIUS:	2.296
MEAN RADIUS:	0.748
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.562	-0.419
2:	-0.835	-0.381
3:	1.200	-2.167
4:	-0.161	0.719
5:	-0.198	0.490
6:	-0.155	0.233
7:	0.372	0.276
8:	0.112	0.183
9:	-0.127	-0.172
10:	-0.284	-0.563



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	91476		
SERIAL NUMBER	C6522223		
LOG-IN DATE	1-19-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	1-21-05	RTL
560 A	RE-BARREL	1-21-05	RTL
B	DRILL AND TAP	1-26-05	TRW
575	ASSEMBLE	1-21-05	RTL
600	PROOF	1-26-05 MAGNA-FLUX INSPECTED JAN 27 2005	TRW
605	CHECK HEADSPACE	1-26-05	TRW
610	DIS-ASSEMBLE GUN	1-24-05	RTL
612	MAGNAFLUX	OPERATOR	
615	ROLLMARK CALIBER	1-27-05	CW
618	ROTO-BLAST	1-27-05	LB
620	APPLY COATINGS	1/29/05	HP
625 A	FINAL ASSEMBLY	1-31-05	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	N/A	
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	2-2-05	TRW
655	FINAL INSPECT	2-11-05	RTL
660	PACK	2-11-05	DPR
		SHIP DATE	
	QAR INSPECTION DATE		

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6522223

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		6/24/90	KA
600	Proof		6/26/90	KA
607	Check Headspace		6/26/90	KA
610	Dis-assemble Gun		6/24/90	KA
612	Magnaflux Barrel Action		7/10/90	KR
	Magnaflux Bolt		7/10/90	KR.
615	Rollmark Caliber		7/10/90	S.S.
617	Drill and Tap Sight Holes		7/11/90	RB
618	Polish Barrel RB		7/13/90	WB
620	Apply Coatings (Barrel Action)		7/23/90	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/6/90	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/6/90	KS
	C) Inspect Ejector Hole for Chamfer		8/6/90	KS
	D) Oil Firing Pin Ass'y		8/6/90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		9-6-90	JL

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	5½	6	5½		
	G) Safety Off Force	3	3	3		
	H) Trigger Pull Test & Retainability				9-6-90	
	I) Firing Pin Indent	.023	.0225	.0235		
	J) Assemble Stock				8/7/90	KS
	K) Assemble Swivel Studs				9/8/90	
	L) Attach Front and Rear Sight Assemblies				8/7/90	KS
	M) Iron Sight Alignment				8/7/90	KS
	N) Detach Front & Rear Sights & place in numbered container				8/7/90	KS
	O) Attach Scope to Rifle				8/7/90	KS
	P) Detach & Attach Scope 20 Times				8/7/90	KS
640	Gallery Target & Test				8-9-90	NF
	A) Time				8-9-90	NF
	B) Malfunctions				8-9-90	NF
	C) Pierced Primers				8-9-90	NF
	D) Optical Clearity of Scope				8-9-90	NF
645	Inspect for Live Ammo				8-9-90	NF
655	Final Inspection A) Headspace				9/8/90	
	B) Trigger Pull	2.33	2.45	2.48	2.51	2.14	9-6-90	
	C) Function				9/2/90	
660	Pack				9-19-90	DH

SWS TRIGGER PULL TEST

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

SERIAL NO C6522223

DATE 9-6-90

TESTER JZ.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.41	2.49	2.41	2.33	MIN. SETTING,
PULL #2	2.48	2.16	2.26	2.45	NO AVG. OF 5
PULL #3	2.45	2.19	2.27	2.48	READINGS ACCEPT-
PULL #4	2.30	2.23	2.31	2.51	ABLE LESS THAN 2#
PULL #5	2.16	2.42	2.21	2.14	
TOTAL	11.80	11.49	11.46	11.91	
AVG.	2.36	2.298	2.292	2.382	

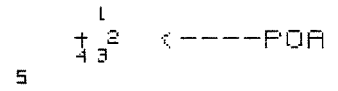
	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.41	3.37		
PULL #2	3.33	3.29		
PULL #3	3.50	3.15		
PULL #4	3.39	3.22		
PULL #5	3.25	3.30		
TOTAL	16.88	16.33		
AVG.	3.376	3.266		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.16	4.41		4.14
PULL #2	4.50	4.38		4.23
PULL #3	4.46	4.39		4.37
PULL #4	4.16	4.29		4.34
PULL #5	4.19	4.23		4.27
TOTAL	21.47	21.70		21.35
AVG.	4.294	4.34		4.27

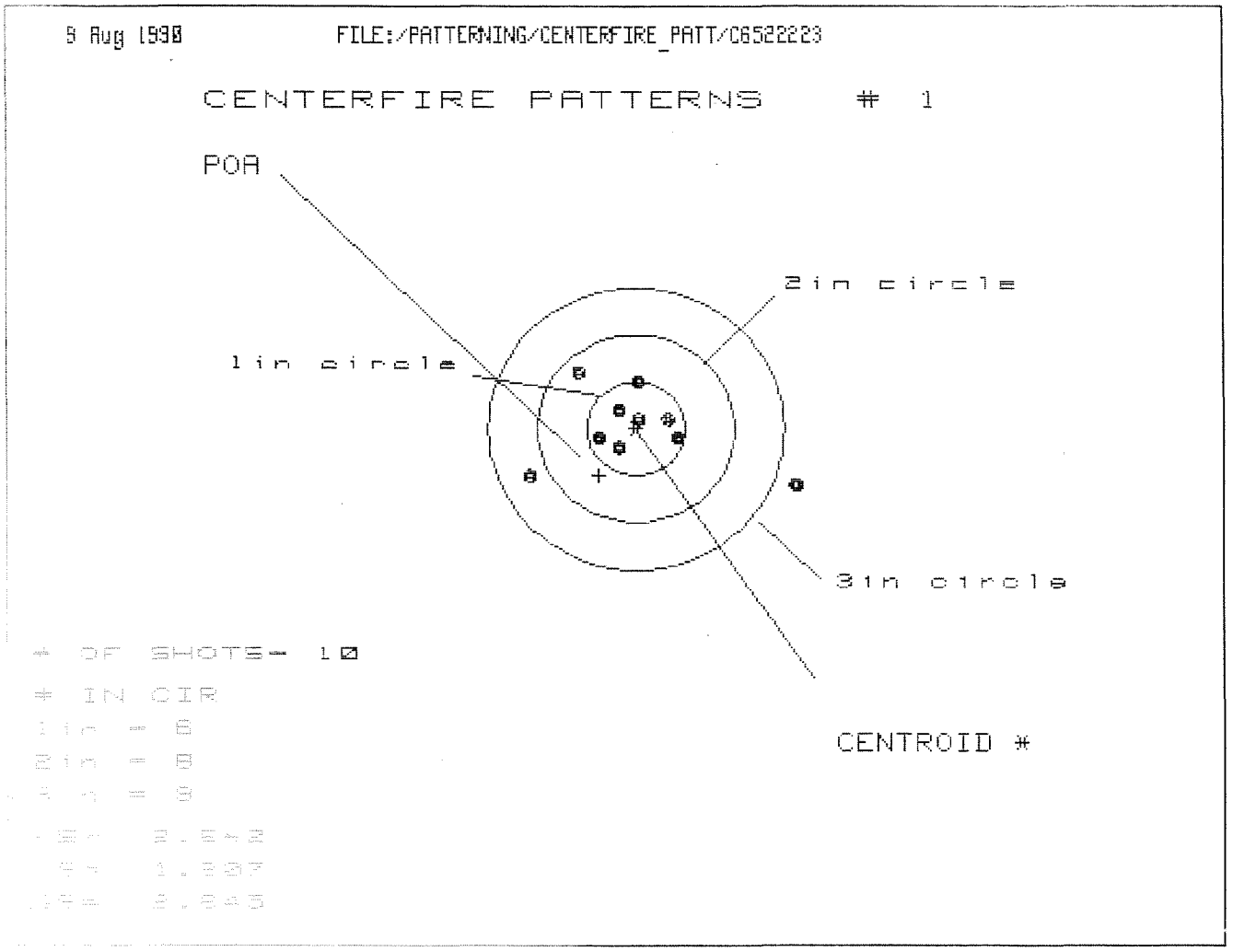
CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6522223
9 Aug 1990

CENTROIDAL DISTANCES

Ø	TO	1	.62521
1	TO	2	.51257
1	TO	3	.793252
1	TO	4	.887929
1	TO	5	1.896



THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0624
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1568
THE RESULTANT OFFSET FOR RADIUS FOR THIS RIFLE IS: .16876

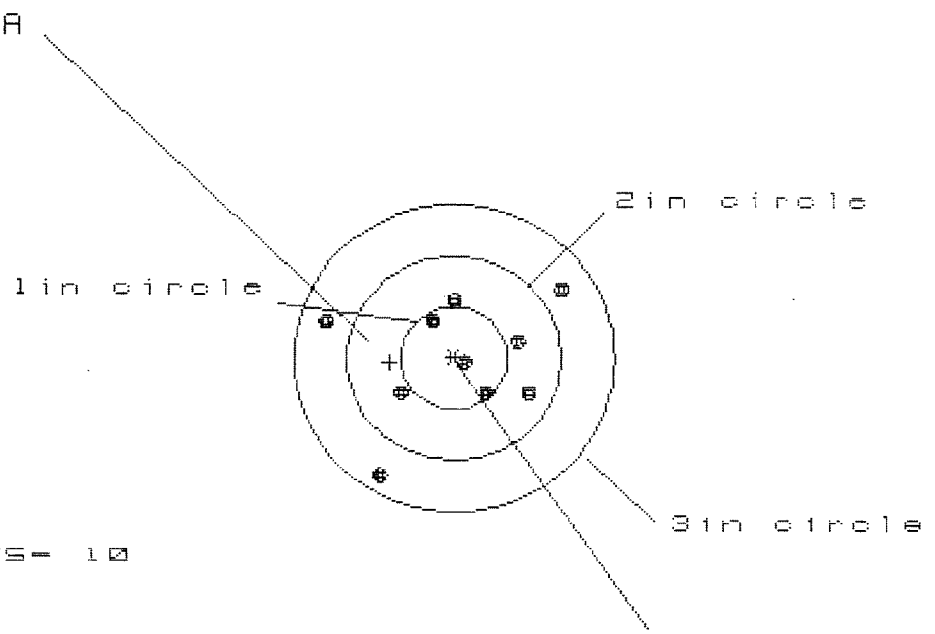


	1
# IN 3" CIRCLE	10
MAXIMUM X	1.614
MINIMUM Y	-1.028
MAXIMUM Y	.581
MINIMUM Y	-.626
STANDARD DEVIATION X	.378
STANDARD DEVIATION Y	.495
MEAN RADIUS	.625
EXTREME SPREAD	.882
MEAN RADIUS	.594
90% RADIUS	1.701
HORIZONTAL SPREAD	2.642
VERTICAL SPREAD	1.207
EXTREME SPREAD	2.645
# IN 1" CIRCLE	6
# IN 2" CIRCLE	8
# IN 3" CIRCLE	9

9	8
.552	.446
-.849	-.460
.512	.439
-.580	-.369
.199	.305
.567	.640
.601	.708
.155	.098
.456	.360
1.028	.636
1.401	.906
1.092	.808
1.465	1.124

9 Aug 1990 FILE:/PATTERNING/CENTERFIRE_PATT/C6522223

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

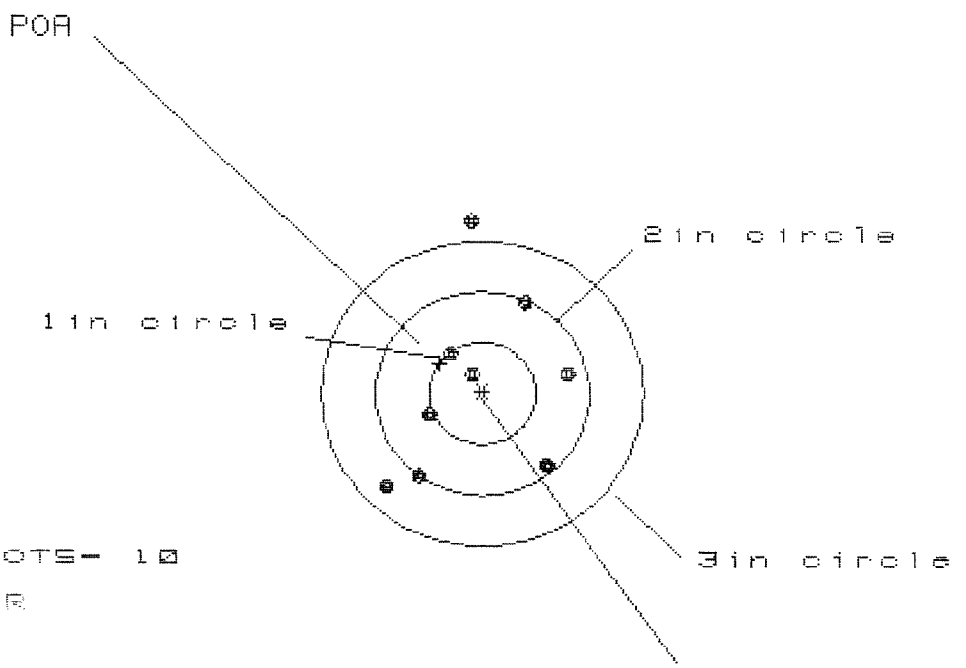
IN CIR
1 in = 3
2 in = 7
3 in = 10

-ES= 2.304
-E= 1.517
-E= 2.465

[illegible]	:	[redacted]		
[illegible]	:	10	9	8
MAXIMUM X	:	.966	.888	.723
MINIMUM X	:	-1.238	-1.316	-.774
MAXIMUM Y	:	.681	.555	.584
MINIMUM Y	:	-1.136	-.496	-.467
CENTROID X	:	.600	.678	.843
CENTROID Y	:	.986	.162	.133
POA TO CENTROID [illegible]	:	.601	.697	.853
MIN RADIUS	:	.062	.150	.220
MEAN RADIUS	:	.727	.650	.555
[illegible] RADIUS	:	1.334	1.336	.930
HORIZONTAL SPREAD	:	2.204	2.204	1.497
VERTICAL SPREAD	:	1.817	1.051	1.051
EXTREME SPREAD	:	2.465	2.228	1.784
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

9 Aug 1990 FILE:/PATTERNING/CENTERFIRE_PATT/C6522223

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

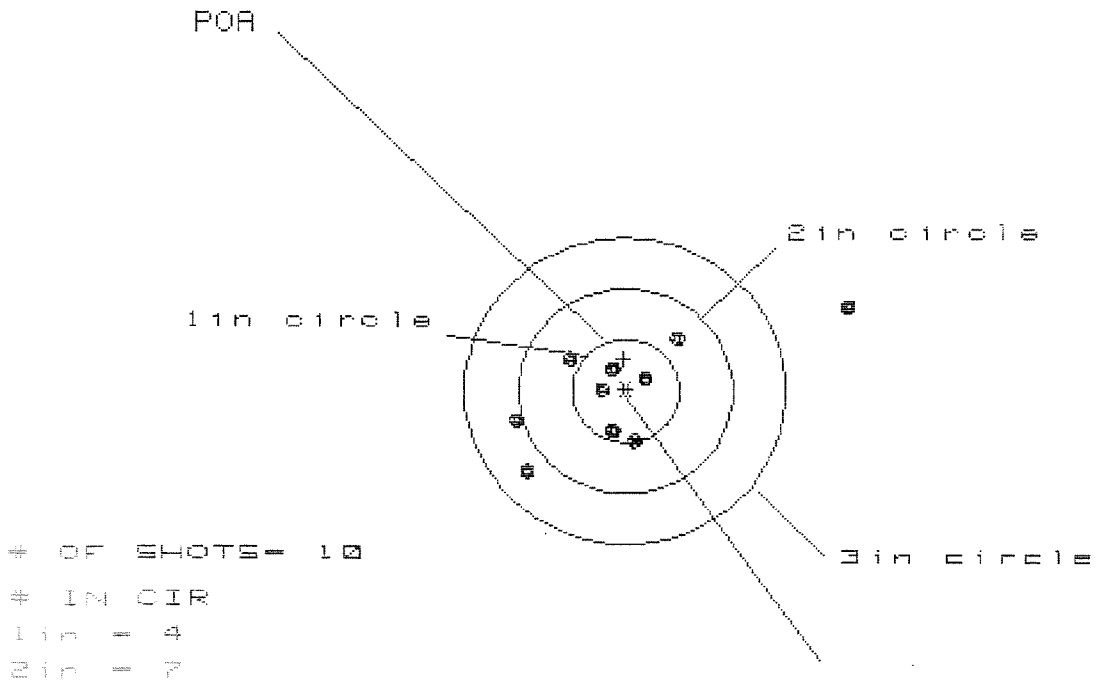
# IN CIR
1in = 2
2in = 6
3in = 8

MS= 1.702
VS= 2.585
DS= 2.710

PATTERN #	:	3		
SHOTS (FEET OF)	:	10	9	8
MAXIMUM X	:	.808	.800	.687
MINIMUM X	:	-.894	-.902	-.678
MAXIMUM Y	:	1.654	1.122	1.028
MINIMUM Y	:	-.931	-.747	-.762
CENTROID X	:	.398	.406	.519
CENTROID Y	:	-.295	-.479	-.385
POA TO CENTROID (R.)	:	.495	.628	.647
MIN RADIUS	:	.226	.397	.371
MEAN RADIUS	:	.801	.817	.766
MAX RADIUS	:	1.656	1.195	1.071
HORIZONTAL SPREAD	:	1.702	1.702	1.365
VERTICAL SPREAD	:	2.585	1.869	1.791
EXTREME SPREAD	:	2.710	2.285	2.040
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

9 Aug 1990 FILE:/PATTERNING/CENTERFIRE_PATT/C6522223

CENTERFIRE PATTERNS # 4

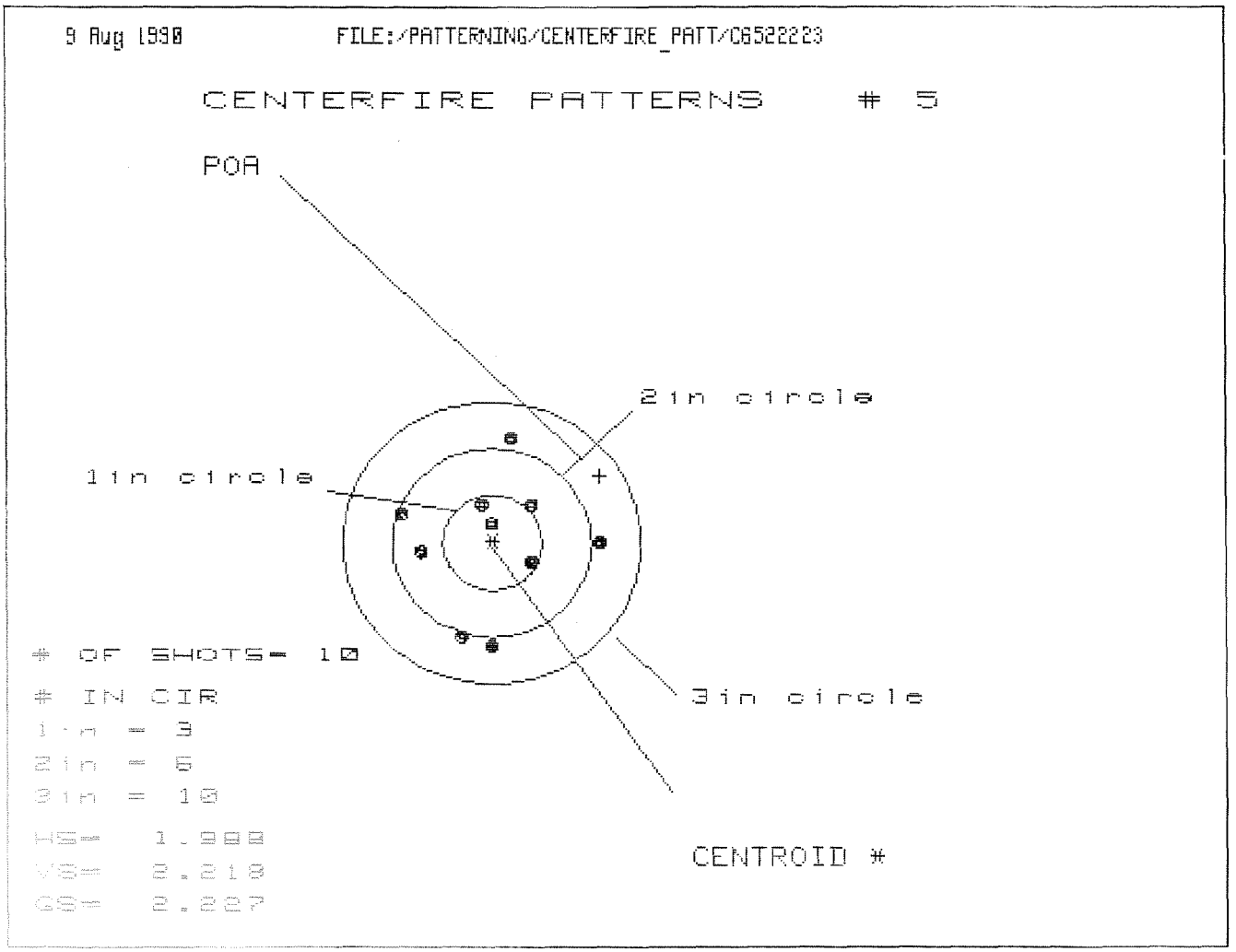


OF SHOTS= 10

# IN CIR
1in = 4
2in = 7
3in = 9

HS= 3.068
VS= 1.595
GS= 3.382

PATTERN #	:	[redacted]		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.095	.747	.665
MINIMUM X	:	-.970	-.740	-.821
MAXIMUM Y	:	.776	.599	.507
MINIMUM Y	:	-.819	-.733	-.526
CENTROID X	:	.021	-.212	-.131
CENTROID Y	:	-.315	-.401	-.309
POA TO CENTROID (in.)	:	.315	.454	.336
MIN RADIUS	:	.210	.149	.074
MEAN RADIUS	:	.741	.554	.474
MAX RADIUS	:	2.234	.982	.868
HORIZONTAL SPREAD	:	3.066	1.487	1.487
VERTICAL SPREAD	:	1.595	1.332	1.033
EXTREME SPREAD	:	3.382	1.933	1.683
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.117	1.115	.550
MINIMUM X	:	-.871	-.873	-.733
MAXIMUM Y	:	1.088	.962	.951
MINIMUM Y	:	-1.130	-1.092	-1.103
CENTROID X	:	-1.085	-1.083	-1.223
CENTROID Y	:	-.708	-.582	-.571
POA TO CENTROID in.	:	1.296	1.230	1.350
MIN RADIUS	:	.192	.073	.117
MEAN RADIUS	:	.759	.690	.635
MAX RADIUS	:	1.130	1.143	1.121
HORIZONTAL SPREAD	:	1.988	1.988	1.283
VERTICAL SPREAD	:	2.218	2.054	2.054
EXTREME SPREAD	:	2.227	2.118	2.118
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10