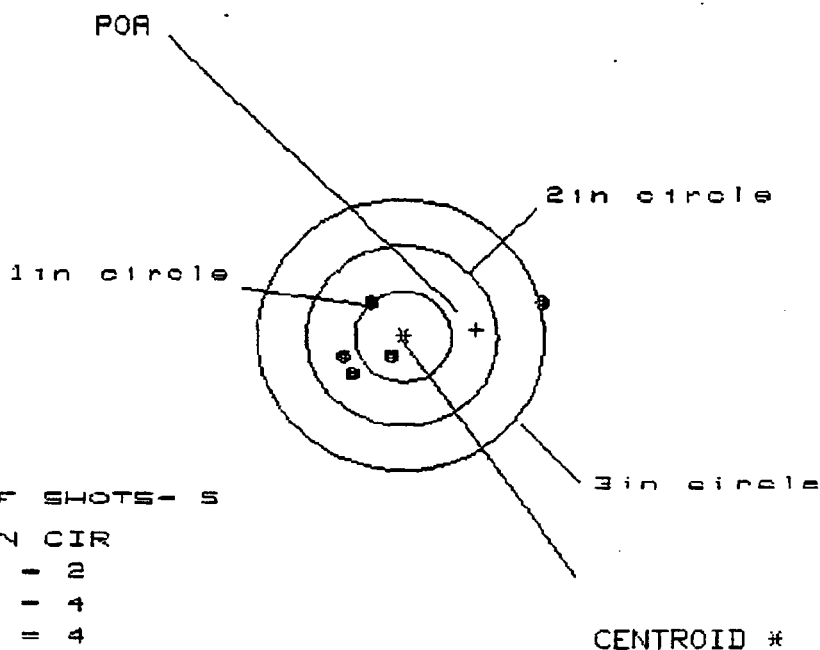


23 May 1991

FILE:/PATTERNING/CENTERFIRE_PAT/XP100R.1.1

CENTERFIRE PATTERNS # 1



OF SHOTS- 5

IN CIR

1 in = 2

2 in = 4

3 in = 4

HS= 2.125

VS= .807

GS= 2.208

AVG. G.S. - 1.88

B. 7534299

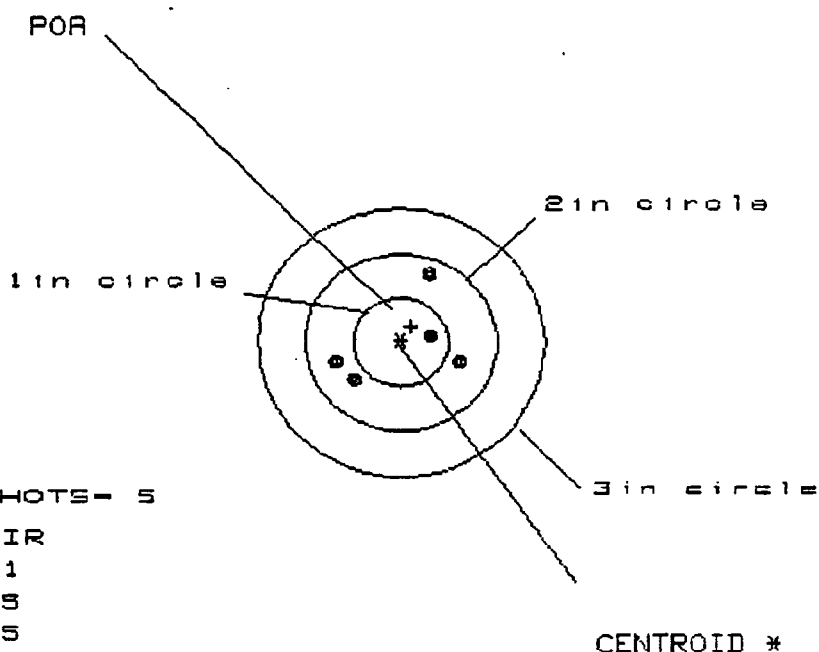
PATTERN #	1	2	3
SHOTS (BEST OF)	5	4	3
MAXIMUM X	1.516	.260	.216
MINIMUM X	-.609	-.230	-.274
MAXIMUM Y	.423	.477	.384
MINIMUM Y	-.384	-.279	-.220
CENTROID X	-.775	-1.154	-1.110
CENTROID Y	-.088	-.193	-.100
POA TO CENTROID in.	.780	1.170	1.114
MIN RADIUS	.261	.241	.308
MEAN RADIUS	.714	.332	.339
MAX RADIUS	1.574	.488	.399
HORIZONTAL SPREAD	2.125	.490	.490
VERTICAL SPREAD	.807	.756	.604
EXTREME SPREAD	2.208	.792	.642
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		4	

XP 100 R
350 REM. MAG.

23 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/XP100R.1.1

CENTERFIRE PATTERNS # 2



OF SHOTS- 5

IN CIR

1in = 1

2in = 5

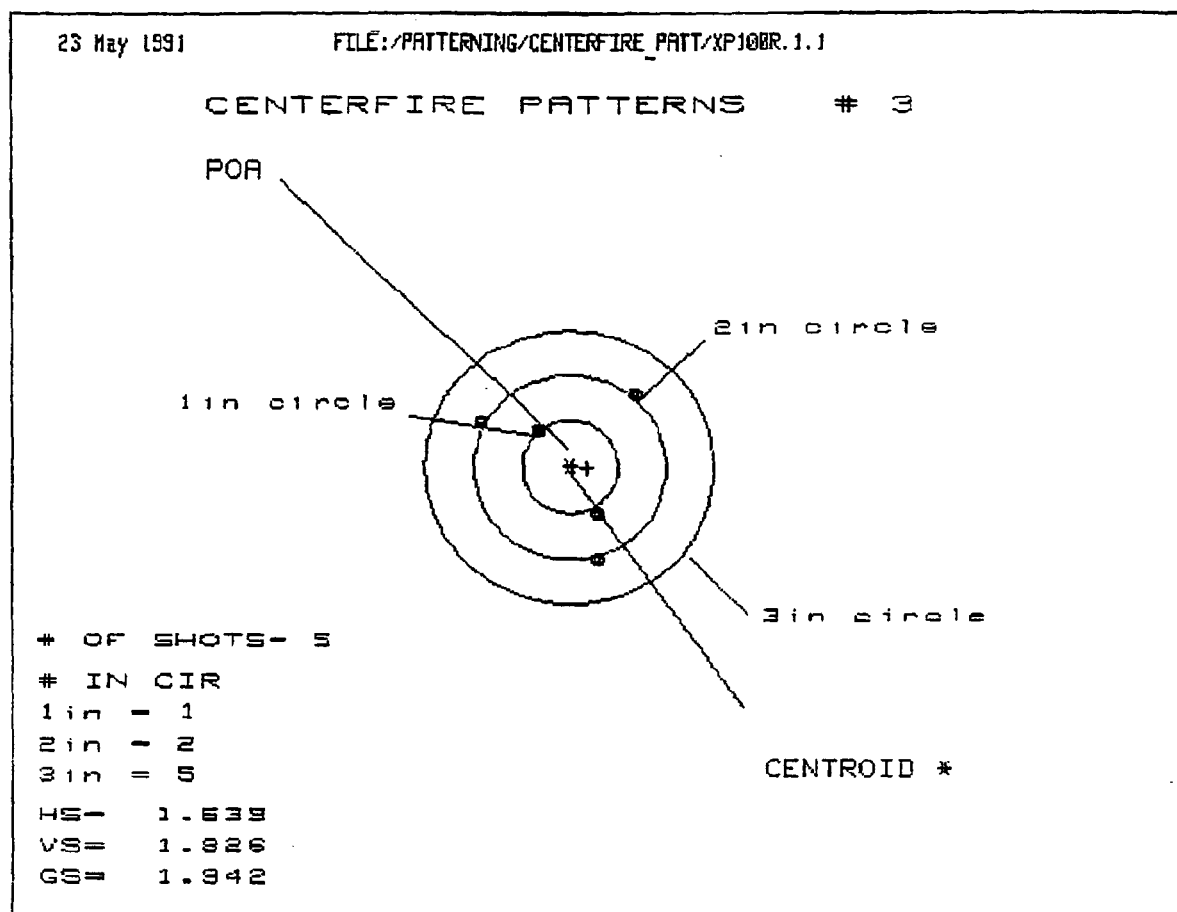
3in = 5

HS= 1.301

VS= 1.217

GS= 1.498

PATTERN #	2	3	4	5
SHOTS (BEST OF)	5	4	3	
MAXIMUM X	.568	.653	.437	
MINIMUM X	-.733	-.648	-.632	
MAXIMUM Y	.796	.310	.293	
MINIMUM Y	-.421	-.221	-.239	
CENTROID X	-.109	-.194	.022	
CENTROID Y	-.176	-.376	-.358	
POA TO CENTROID in.	.208	.423	.358	
MIN RADIUS	.346	.472	.352	
MEAN RADIUS	.651	.573	.489	
MAX RADIUS	.865	.654	.676	
HORIZONTAL SPREAD	1.301	1.301	1.069	
VERTICAL SPREAD	1.217	.532	.532	
EXTREME SPREAD	1.498	1.301	1.085	
NUMBER IN ONE INCH CIRCLE =		1		
NUMBER IN TWO INCH CIRCLE =		5		
NUMBER IN THREE INCH CIRCLE =		5		

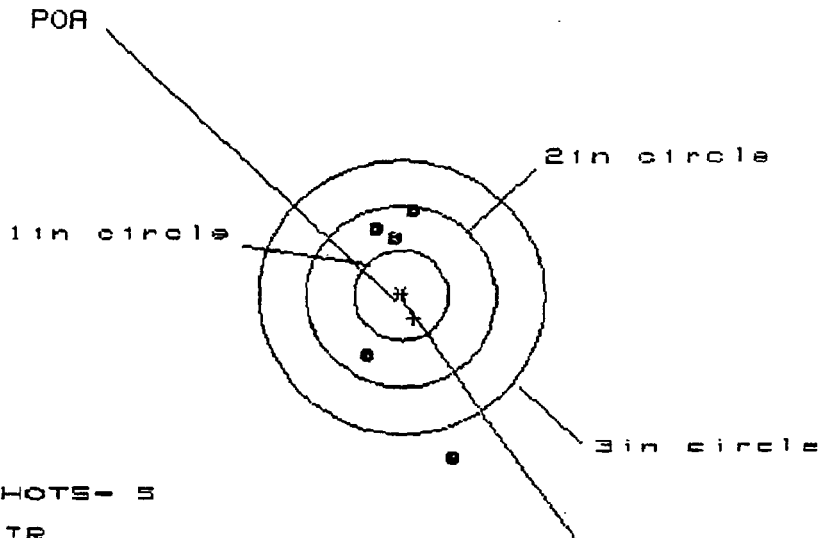


PATTERN #	3	4	3
SHOTS (BEST OF)	5	4	3
MAXIMUM X	.707	.779	.610
MINIMUM X	-.932	-.860	-.601
MAXIMUM Y	.781	.520	.379
MINIMUM Y	-1.045	-.816	-.642
CENTROID X	-.177	-.249	-.508
CENTROID Y	.006	.267	.093
POA TO CENTROID in.	.177	.365	.517
MIN RADIUS	.490	.284	.264
MEAN RADIUS	.858	.748	.620
MAX RADIUS	1.084	.937	.886
HORIZONTAL SPREAD	1.639	1.639	1.211
VERTICAL SPREAD	1.826	1.336	1.021
EXTREME SPREAD	1.942	1.669	1.584
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	2		
NUMBER IN THREE INCH CIRCLE =	5		

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CENTERFIRE PATTERNS # 1



OF SHOTS - 5

IN CIR

1 in = 0

2 in = 4

3 in = 4

HS = .890

VS = 2.716

GS = 2.746

AUG. G.S. = 2.35

B7532019

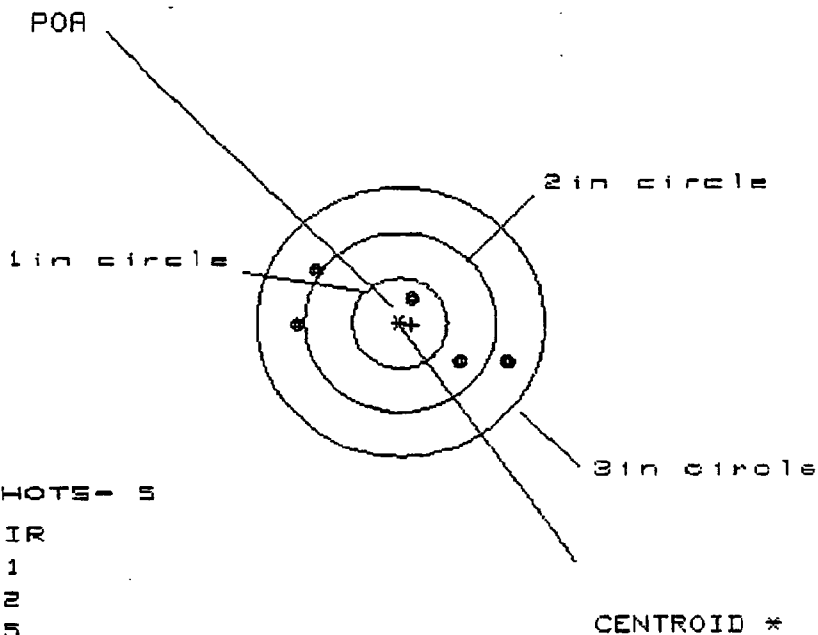
PATTERN #	1	2	3
SHOTS (BEST OF)	5	4	3
MAXIMUM X	.541	.273	.183
MINIMUM X	-.349	-.214	-.123
MAXIMUM Y	.989	.557	.488
MINIMUM Y	-1.727	-1.052	-.866
CENTROID X	-.127	-.262	-.353
CENTROID Y	.260	.692	.506
POA TO CENTROID in.	.289	.739	.617
MIN RADIUS	.625	.212	.419
MEAN RADIUS	.986	.561	.595
MAX RADIUS	1.810	1.073	.874
HORIZONTAL SPREAD	.890	.487	.306
VERTICAL SPREAD	2.716	1.609	1.354
EXTREME SPREAD	2.746	1.681	1.355
NUMBER IN ONE INCH CIRCLE	=	0	
NUMBER IN TWO INCH CIRCLE	=	4	
NUMBER IN THREE INCH CIRCLE	=	4	

XP 100 R
.350 REM. MAG.

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CENTERFIRE PATTERNS # 2



OF SHOTS- 5

IN CIR

1 in = 1

2 in = 2

3 in = 5

HS= 2.257

VS= 1.049

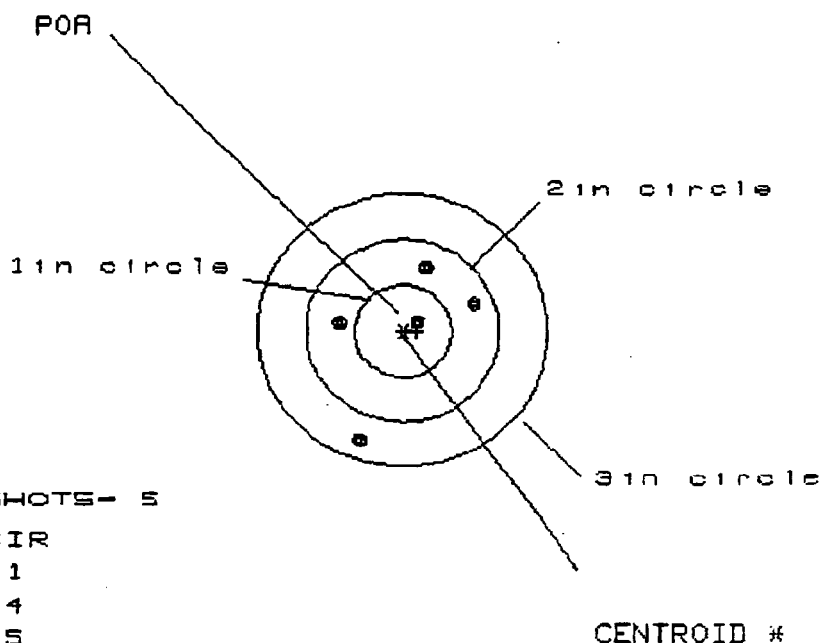
QS= 2.303

PATTERN #	1	2	3
SHOTS (BEST OF)	5	4	3
MAXIMUM X	1.161	.941	.672
MINIMUM X	-1.096	-.806	-.841
MAXIMUM Y	.587	.475	.442
MINIMUM Y	-.462	-.574	-.607
CENTROID X	-.122	-.412	-.143
CENTROID Y	.019	.131	.164
POA TO CENTROID in.	.123	.432	.218
MIN RADIUS	.343	.480	.236
MEAN RADIUS	.905	.785	.697
MAX RADIUS	1.244	1.102	.950
HORIZONTAL SPREAD	2.257	1.747	1.513
VERTICAL SPREAD	1.049	1.049	1.049
EXTREME SPREAD	2.303	1.841	1.841
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		2	
NUMBER IN THREE INCH CIRCLE =		5	

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CENTERFIRE PATTERNS # 3



OF SHOTS- 5

IN CIR

1in = 1

2in = 4

3in = 5

HS= 1.324

VS= 1.839

GS= 1.992

PATTERN #	3	4	3
SHOTS (BEST OF)	5	4	3
MAXIMUM X	.712	.585	.327
MINIMUM X	-.612	-.739	-.544
MAXIMUM Y	.678	.388	.398
MINIMUM Y	-1.161	-.239	-.229
CENTROID X	-.140	-.013	-.208
CENTROID Y	.001	.291	.201
POA TO CENTROID in.	.140	.291	.350
MIN RADIUS	.157	.240	.316
MEAN RADIUS	.710	.499	.467
MAX RADIUS	1.266	.760	.569
HORIZONTAL SPREAD	1.324	1.324	.871
VERTICAL SPREAD	1.839	.627	.627
EXTREME SPREAD	1.992	1.340	1.039
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	5		

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CENTERFIRE PATTERNS

1

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS - 5

IN CIR

1in = 2

2in = 5

3in = 5

HS = 1.106

VS = .855

GS = 1.292

AVG G.S. = 1.89

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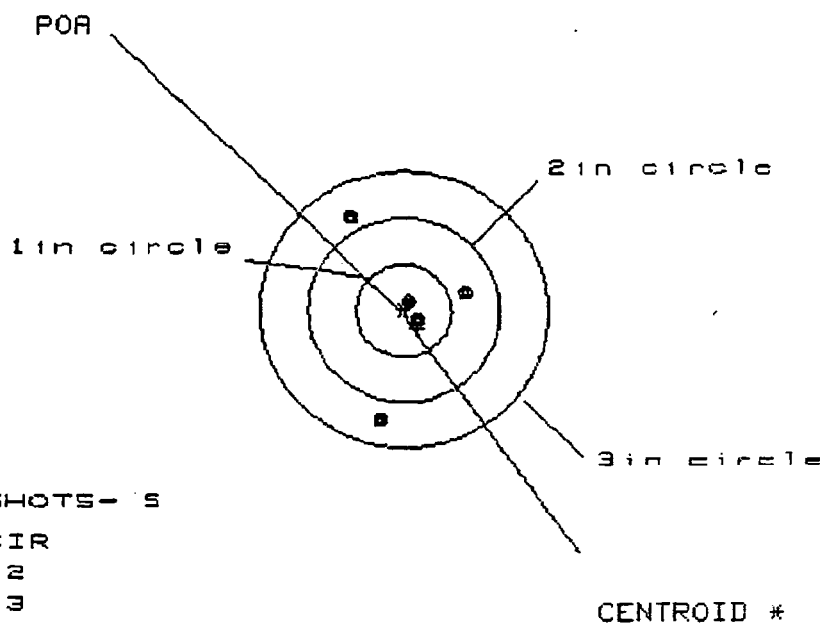
PATTERN #	1	2	3
SHOTS (BEST OF)	5	4	3
MAXIMUM X	.525	.655	.220
MINIMUM X	-.591	-.452	-.233
MAXIMUM Y	.312	.176	.107
MINIMUM Y	-.543	-.226	-.168
CENTROID X	-.202	-.332	-.550
CENTROID Y	-.087	.049	-.009
POA TO CENTROID in.	.220	.335	.550
MIN RADIUS	.157	.210	.108
MEAN RADIUS	.499	.391	.209
MAX RADIUS	.750	.678	.276
HORIZONTAL SPREAD	1.106	1.106	.453
VERTICAL SPREAD	.855	.402	.275
EXTREME SPREAD	1.292	1.120	.507
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		5	

XP 100 R
350 REM. MAG.

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CENTERFIRE PATTERNS # 2



OF SHOTS - 5

IN CIR

1in = 2

2in = 3

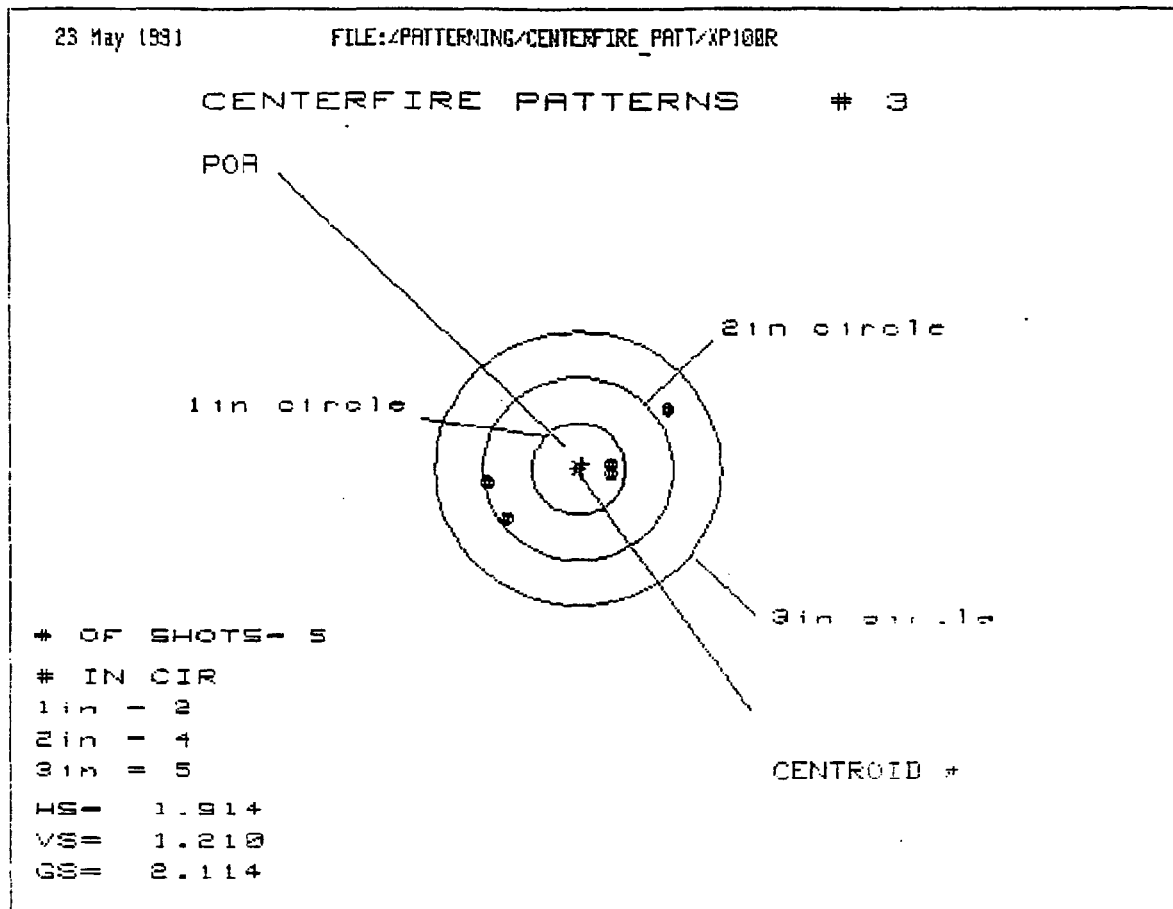
3in = 5

HS = 1.200

VS = 2.210

GS = 2.250

PATTERN #	2	4	3
SHOTS (BEST OF)	5	4	3
MAXIMUM X	.615	.564	.352
MINIMUM X	-.585	-.636	-.252
MAXIMUM Y	.989	.681	.154
MINIMUM Y	-1.229	-.399	-.172
CENTROID X	-.143	-.092	.120
CENTROID Y	.193	.501	.274
POA TO CENTROID in.	.241	.509	.299
MIN RADIUS	.098	.214	.198
MEAN RADIUS	.668	.532	.278
MAX RADIUS	1.247	.932	.384
HORIZONTAL SPREAD	1.200	1.200	.604
VERTICAL SPREAD	2.210	1.080	.326
EXTREME SPREAD	2.250	1.417	.619
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	5		



PATTERN #	3	4	3
SHOTS (BEST OF)	5	4	3
MAXIMUM X	.984	.597	.369
MINIMUM X	-.930	-.684	-.731
MAXIMUM Y	.668	.269	.271
MINIMUM Y	-.542	-.375	-.373
CENTROID X	-.042	-.288	-.060
CENTROID Y	-.059	-.226	-.228
POA TO CENTROID in.	.072	.366	.235
MIN RADIUS	.357	.605	.383
MEAN RADIUS	.755	.641	.552
MAX RADIUS	1.189	.684	.821
HORIZONTAL SPREAD	1.914	1.281	1.100
VERTICAL SPREAD	1.210	.644	.644
EXTREME SPREAD	2.114	1.301	1.269
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	5		