

15 Jan 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/A1891170

## CENTERFIRE PATTERNS

# 1

POA

1in circle

2in circle

3in circle

CENTROID \*

# OF SHOTS- 5

# IN CIR

1in = 5

2in = 5

3in = 5

HS= .490

VS= .620

GS= .715

AVG. G.S. = 1.24

# A1091170

XP-22R.

PATTERN #

1

SHOTS (BEST OF)

5

4

3

MAXIMUM X

.292

.071

.029

MINIMUM X

-.198

-.125

-.040

MAXIMUM Y

.331

.389

.312

MINIMUM Y

-.289

-.231

-.269

CENTROID X

-.070

-.143

-.101

CENTROID Y

-.039

-.097

-.020

POA TO CENTROID in.

.080

.173

.103

MIN RADIUS

.075

.034

.059

MEAN RADIUS

.276

.223

.214

MAX RADIUS

.373

.395

.313

HORIZONTAL SPREAD

.490

.196

.069

VERTICAL SPREAD

.620

.620

.581

EXTREME SPREAD

.715

.650

.581

NUMBER IN ONE INCH CIRCLE =

5

NUMBER IN TWO INCH CIRCLE =

5

NUMBER IN THREE INCH CIRCLE =

5

Ammo: ELEY TENE!  
WC 1606SCOPE: BURRIS  
25X7 PISTOLRANGE- 100 YDS.  
BENCH REST

15 Jan 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/A1891170

## CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

CENTROID \*

# OF SHOTS- 5

# IN CIR

1 in = 2

2 in = 5

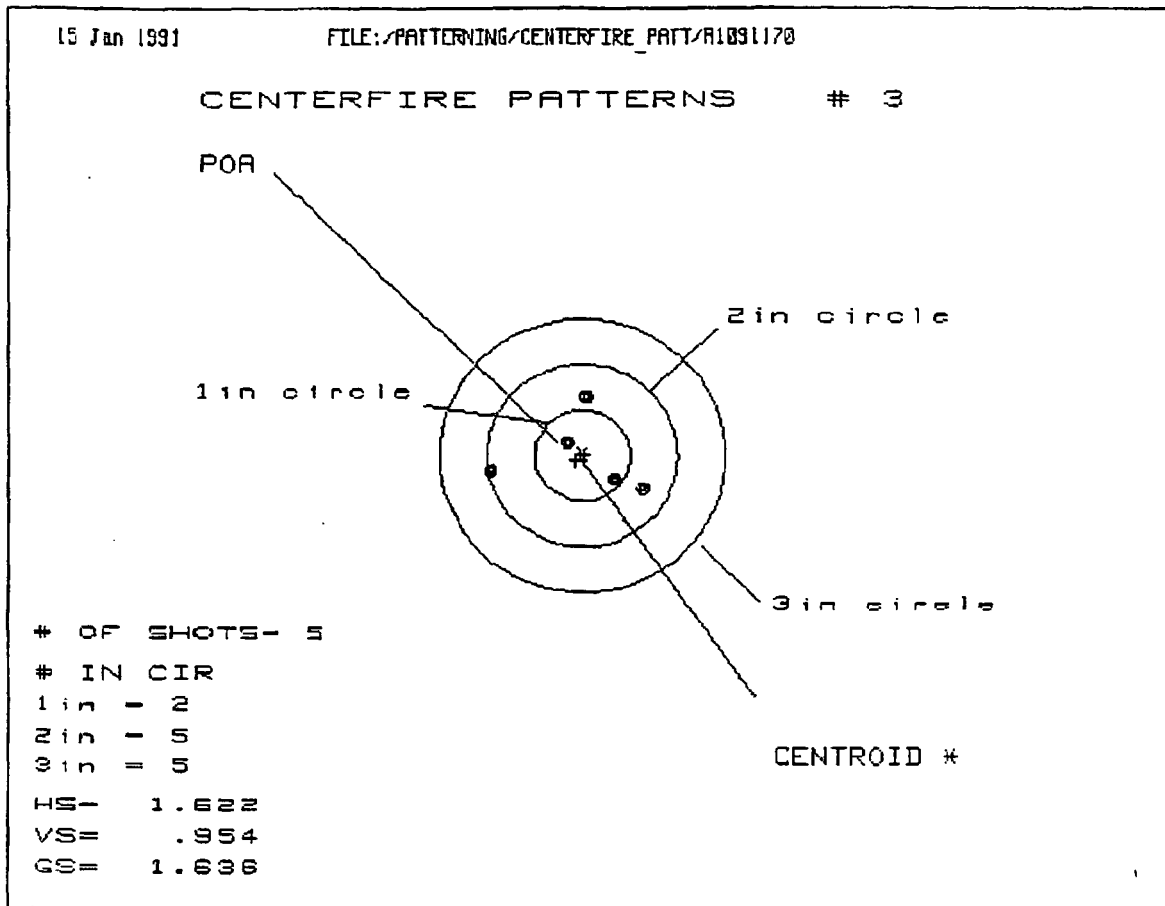
3 in = 5

HS= 1.343

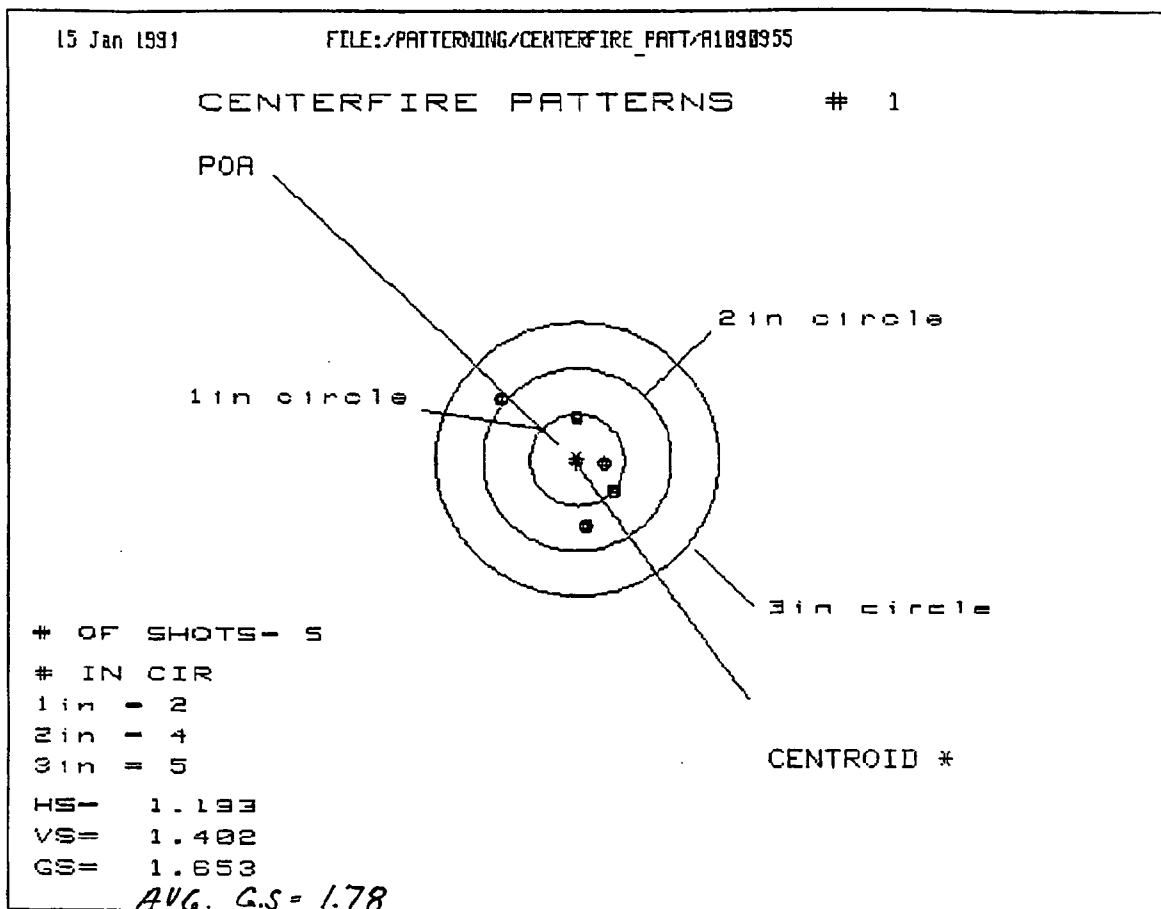
VS= .693

GS= 1.350

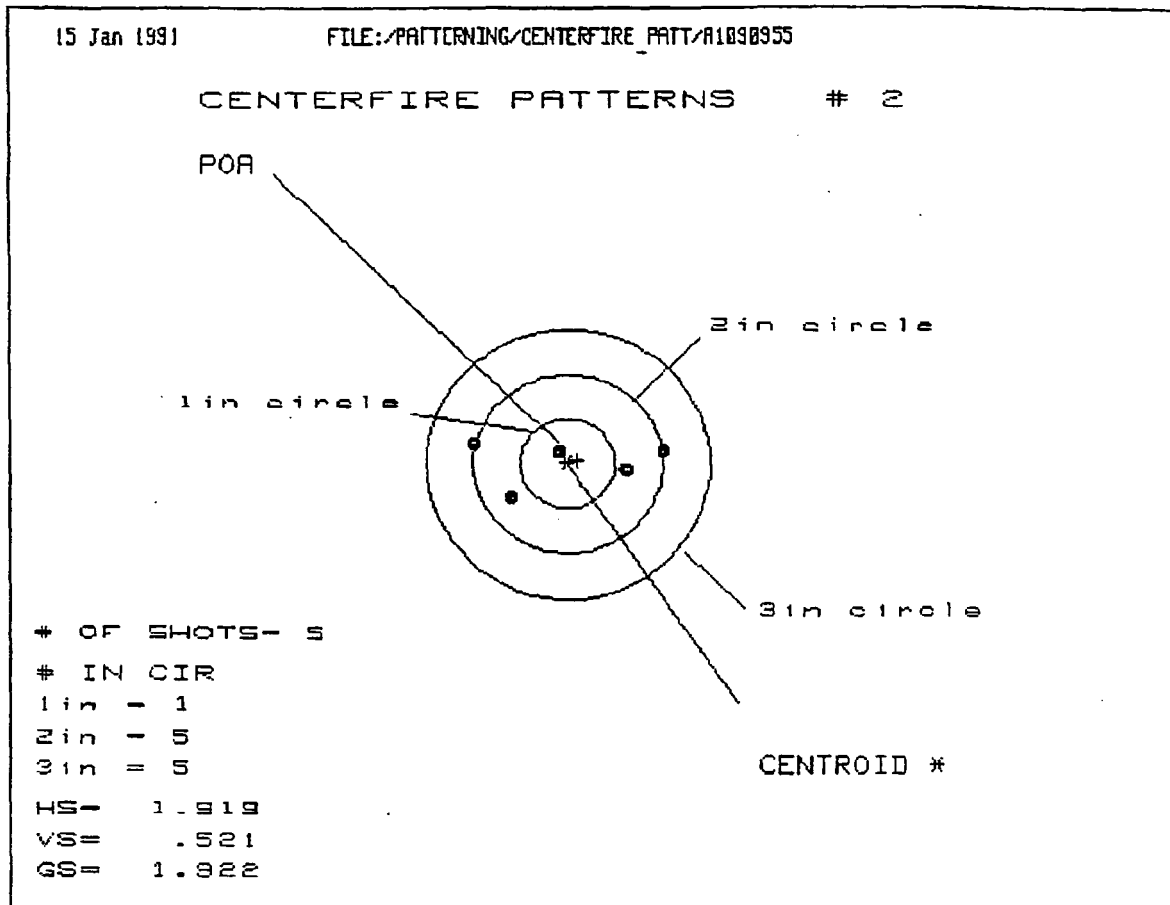
| PATTERN #                     | 2     | 4     | 3     |
|-------------------------------|-------|-------|-------|
| SHOTS (BEST OF)               | 5     | 4     | 3     |
| MAXIMUM X                     | .720  | .605  | .269  |
| MINIMUM X                     | -.623 | -.443 | -.241 |
| MAXIMUM Y                     | .471  | .426  | .063  |
| MINIMUM Y                     | -.222 | -.267 | -.124 |
| CENTROID X                    | -.013 | -.193 | -.395 |
| CENTROID Y                    | -.046 | -.002 | -.144 |
| POA TO CENTROID in.           | .048  | .193  | .420  |
| MIN RADIUS                    | .118  | .105  | .127  |
| MEAN RADIUS                   | .517  | .412  | .217  |
| MAX RADIUS                    | .742  | .740  | .276  |
| HORIZONTAL SPREAD             | 1.343 | 1.048 | .510  |
| VERTICAL SPREAD               | .693  | .693  | .187  |
| EXTREME SPREAD                | 1.350 | 1.164 | .510  |
| NUMBER IN ONE INCH CIRCLE =   | 2     |       |       |
| NUMBER IN TWO INCH CIRCLE =   | 5     |       |       |
| NUMBER IN THREE INCH CIRCLE = | 5     |       |       |



| PATTERN #                   | 3     | 4     | 3     |
|-----------------------------|-------|-------|-------|
| SHOTS (BEST OF)             | 5     | 4     | 3     |
| MAXIMUM X                   | .678  | .442  | .297  |
| MINIMUM X                   | -.944 | -.434 | -.286 |
| MAXIMUM Y                   | .597  | .562  | .431  |
| MINIMUM Y                   | -.357 | -.392 | -.412 |
| CENTROID X                  | .063  | .299  | .151  |
| CENTROID Y                  | .057  | .092  | .223  |
| POA TO CENTROID in.         | .085  | .313  | .269  |
| MIN RADIUS                  | .246  | .318  | .287  |
| MEAN RADIUS                 | .605  | .485  | .409  |
| MAX RADIUS                  | .954  | .591  | .507  |
| HORIZONTAL SPREAD           | 1.622 | .876  | .583  |
| VERTICAL SPREAD             | .954  | .954  | .843  |
| EXTREME SPREAD              | 1.636 | 1.127 | .897  |
| NUMBER IN ONE INCH CIRCLE   | = 2   |       |       |
| NUMBER IN TWO INCH CIRCLE   | = 5   |       |       |
| NUMBER IN THREE INCH CIRCLE | = 5   |       |       |



| PATTERN #                     | 1     | 2     | 3     |
|-------------------------------|-------|-------|-------|
| SHOTS (BEST OF)               | 5     | 4     | 3     |
| MAXIMUM X                     | .429  | .238  | .211  |
| MINIMUM X                     | -.764 | -.222 | -.249 |
| MAXIMUM Y                     | .690  | .634  | .454  |
| MINIMUM Y                     | -.712 | -.540 | -.374 |
| CENTROID X                    | .012  | .203  | .230  |
| CENTROID Y                    | .030  | -.142 | .038  |
| POA TO CENTROID in.           | .033  | .248  | .233  |
| MIN RADIUS                    | .266  | .119  | .089  |
| MEAN RADIUS                   | .609  | .411  | .345  |
| MAX RADIUS                    | 1.029 | .672  | .518  |
| HORIZONTAL SPREAD             | 1.193 | .460  | .460  |
| VERTICAL SPREAD               | 1.402 | 1.174 | .828  |
| EXTREME SPREAD                | 1.653 | 1.183 | .947  |
| NUMBER IN ONE INCH CIRCLE =   |       | 2     |       |
| NUMBER IN TWO INCH CIRCLE =   |       | 4     |       |
| NUMBER IN THREE INCH CIRCLE = |       | 5     |       |

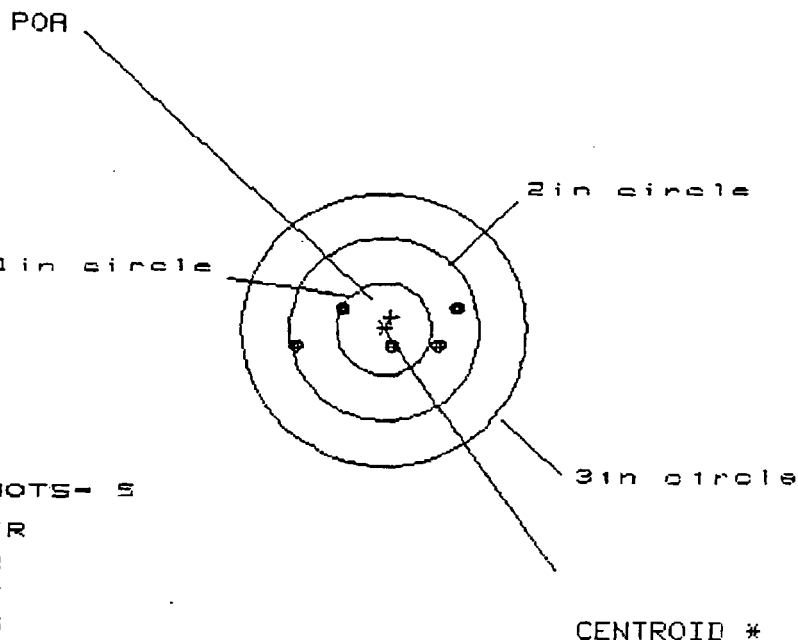


| PATTERN #                   | 2     | 4     | 3     |
|-----------------------------|-------|-------|-------|
| SHOTS (BEST OF)             | 5     | 4     | 3     |
| MAXIMUM X                   | .967  | .728  | .655  |
| MINIMUM X                   | -.952 | -.786 | -.543 |
| MAXIMUM Y                   | .188  | .134  | .177  |
| MINIMUM Y                   | -.333 | -.286 | -.243 |
| CENTROID X                  | -.104 | .135  | -.108 |
| CENTROID Y                  | -.032 | -.079 | -.122 |
| POA TO CENTROID in.         | .108  | .156  | .163  |
| MIN RADIUS                  | .146  | .380  | .210  |
| MEAN RADIUS                 | .676  | .592  | .488  |
| MAX RADIUS                  | .971  | .836  | .659  |
| HORIZONTAL SPREAD           | 1.919 | 1.514 | 1.198 |
| VERTICAL SPREAD             | .521  | .420  | .420  |
| EXTREME SPREAD              | 1.922 | 1.570 | 1.237 |
| NUMBER IN ONE INCH CIRCLE   | = 1   |       |       |
| NUMBER IN TWO INCH CIRCLE   | = 5   |       |       |
| NUMBER IN THREE INCH CIRCLE | = 5   |       |       |

15 Jan 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/A1030955

## CENTERFIRE PATTERNS # 3



# OF SHOTS- 5

# IN CIR

1in = 2

2in = 5

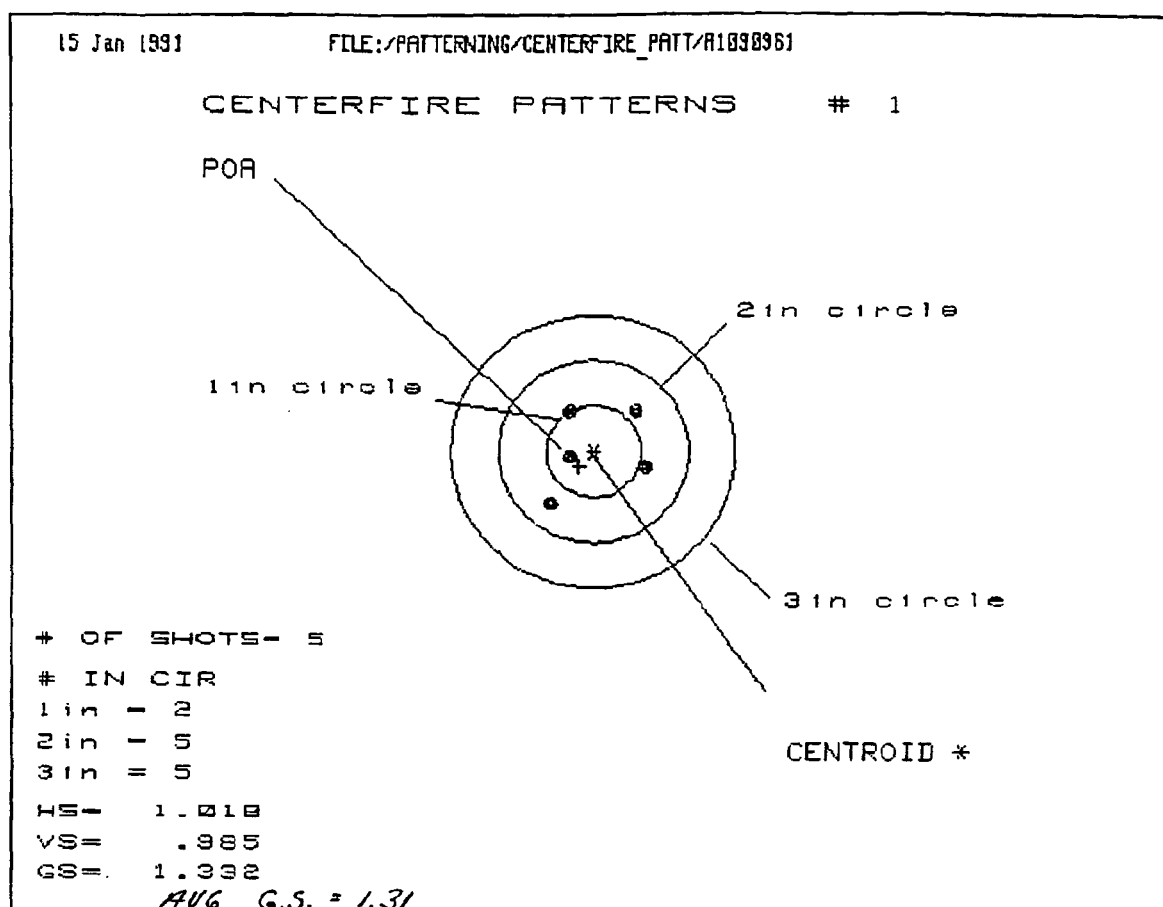
3in = 5

HS= 1.724

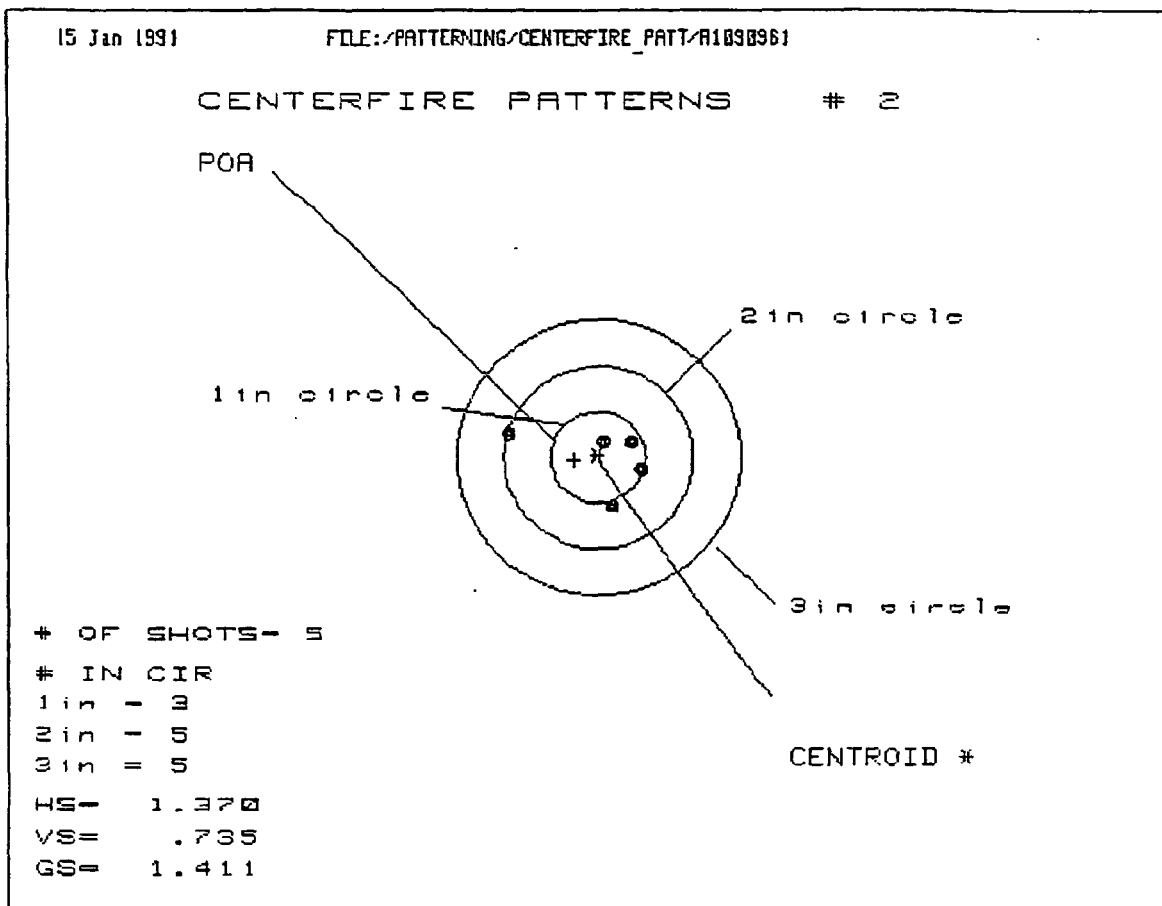
VS= .480

GS= 1.768

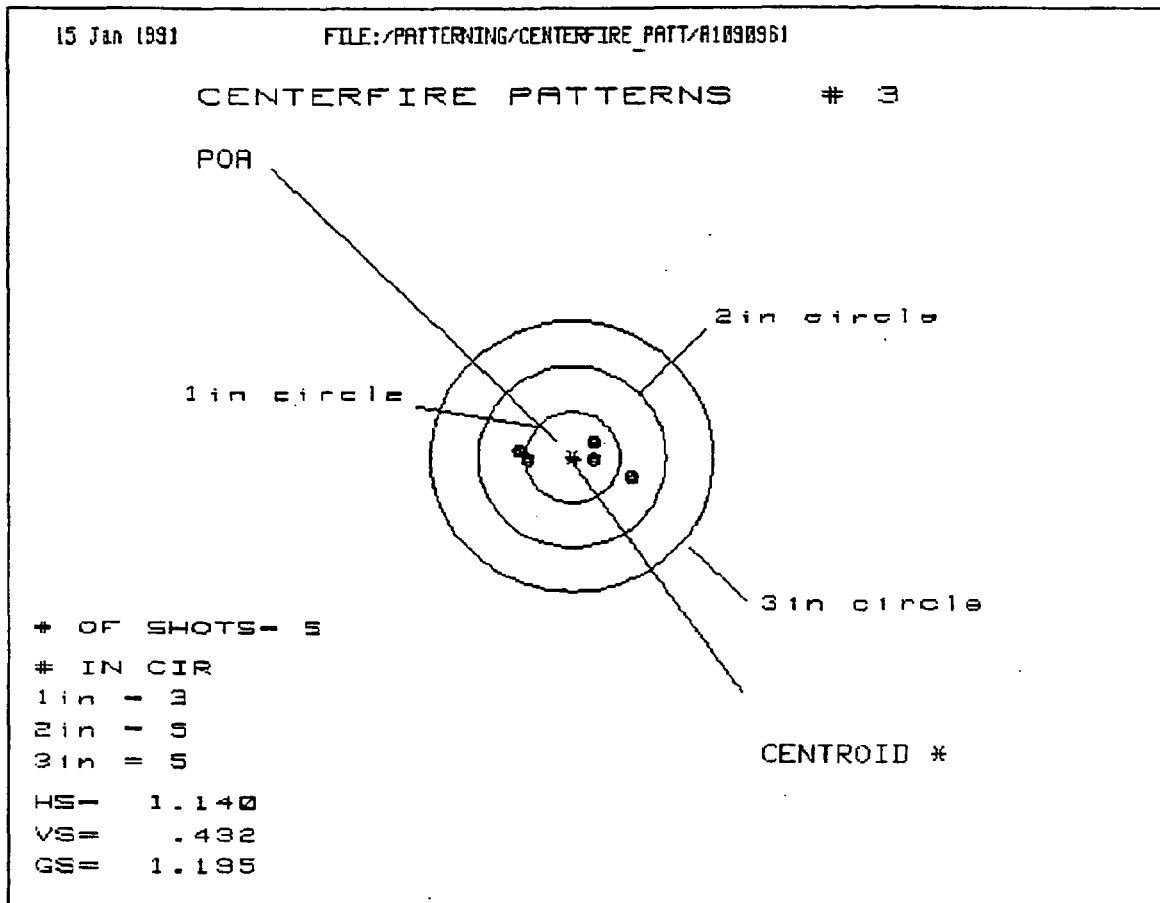
| PATTERN #                   | : | 3     |       |       |
|-----------------------------|---|-------|-------|-------|
| SHOTS (BEST OF)             | : | 5     | 4     | 3     |
| MAXIMUM X                   | : | .761  | .520  | .540  |
| MINIMUM X                   | : | -.963 | -.689 | -.516 |
| MAXIMUM Y                   | : | .262  | .230  | .261  |
| MINIMUM Y                   | : | -.218 | -.251 | -.174 |
| CENTROID X                  | : | -.063 | .178  | .005  |
| CENTROID Y                  | : | -.123 | -.090 | -.167 |
| POA TO CENTROID in.         | : | .138  | .200  | .167  |
| MIN RADIUS                  | : | .222  | .319  | .176  |
| MEAN RADIUS                 | : | .624  | .501  | .434  |
| MAX RADIUS                  | : | .972  | .714  | .578  |
| HORIZONTAL SPREAD           | : | 1.724 | 1.209 | 1.056 |
| VERTICAL SPREAD             | : | .480  | .480  | .435  |
| EXTREME SPREAD              | : | 1.768 | 1.210 | 1.112 |
| NUMBER IN ONE INCH CIRCLE   | = |       | 2     |       |
| NUMBER IN TWO INCH CIRCLE   | = |       | 5     |       |
| NUMBER IN THREE INCH CIRCLE | = |       | 5     |       |



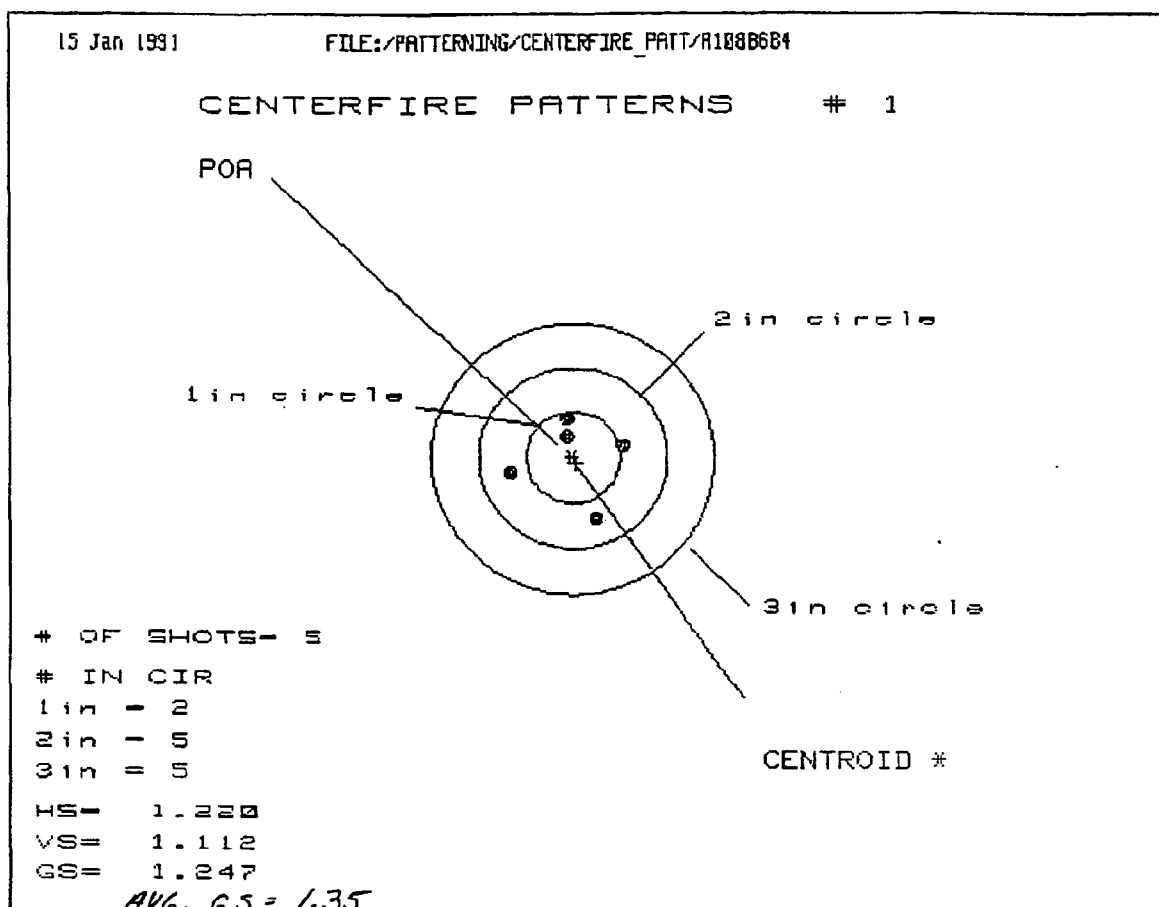
| PATTERN #                   | 1     | 2     | 3     |
|-----------------------------|-------|-------|-------|
| SHOTS (BEST OF)             | 5     | 4     | 3     |
| MAXIMUM X                   | .549  | .432  | .535  |
| MINIMUM X                   | -.469 | -.393 | -.290 |
| MAXIMUM Y                   | .421  | .280  | .344  |
| MINIMUM Y                   | -.564 | -.339 | -.246 |
| CENTROID X                  | .153  | .270  | .167  |
| CENTROID Y                  | .162  | .302  | .209  |
| POA TO CENTROID in.         | .223  | .406  | .267  |
| MIN RADIUS                  | .237  | .398  | .264  |
| MEAN RADIUS                 | .527  | .458  | .434  |
| MAX RADIUS                  | .733  | .549  | .589  |
| HORIZONTAL SPREAD           | 1.018 | .825  | .825  |
| VERTICAL SPREAD             | .985  | .620  | .590  |
| EXTREME SPREAD              | 1.332 | 1.014 | 1.014 |
| NUMBER IN ONE INCH CIRCLE   | = 2   |       |       |
| NUMBER IN TWO INCH CIRCLE   | = 5   |       |       |
| NUMBER IN THREE INCH CIRCLE | = 5   |       |       |



| PATTERN #                     | 2     | 4     | 3     |
|-------------------------------|-------|-------|-------|
| SHOTS (BEST OF)               | 5     | 4     | 3     |
| MAXIMUM X                     | .409  | .169  | .130  |
| MINIMUM X                     | -.961 | -.152 | -.191 |
| MAXIMUM Y                     | .216  | .265  | .111  |
| MINIMUM Y                     | -.519 | -.465 | -.220 |
| CENTROID X                    | .252  | .492  | .531  |
| CENTROID Y                    | .034  | -.020 | .134  |
| POA TO CENTROID in.           | .254  | .493  | .547  |
| MIN RADIUS                    | .229  | .181  | .125  |
| MEAN RADIUS                   | .515  | .312  | .201  |
| MAX RADIUS                    | .985  | .479  | .256  |
| HORIZONTAL SPREAD             | 1.370 | .321  | .321  |
| VERTICAL SPREAD               | .735  | .730  | .331  |
| EXTREME SPREAD                | 1.411 | .760  | .461  |
| NUMBER IN ONE INCH CIRCLE =   |       | 3     |       |
| NUMBER IN TWO INCH CIRCLE =   |       | 5     |       |
| NUMBER IN THREE INCH CIRCLE = |       | 5     |       |



| PATTERN #                   | 3     | 4     | 3     |
|-----------------------------|-------|-------|-------|
| SHOTS (BEST OF)             | 5     | 4     | 3     |
| MAXIMUM X                   | .578  | .381  | .242  |
| MINIMUM X                   | -.562 | -.417 | -.470 |
| MAXIMUM Y                   | .192  | .132  | .151  |
| MINIMUM Y                   | -.240 | -.129 | -.108 |
| CENTROID X                  | -.026 | -.171 | -.032 |
| CENTROID Y                  | .020  | .081  | .061  |
| POA TO CENTROID in.         | .033  | .189  | .069  |
| MIN RADIUS                  | .236  | .355  | .246  |
| MEAN RADIUS                 | .442  | .388  | .334  |
| MAX RADIUS                  | .626  | .421  | .482  |
| HORIZONTAL SPREAD           | 1.140 | .798  | .712  |
| VERTICAL SPREAD             | .432  | .259  | .259  |
| EXTREME SPREAD              | 1.195 | .807  | .745  |
| NUMBER IN ONE INCH CIRCLE   | = 3   |       |       |
| NUMBER IN TWO INCH CIRCLE   | = 5   |       |       |
| NUMBER IN THREE INCH CIRCLE | = 5   |       |       |

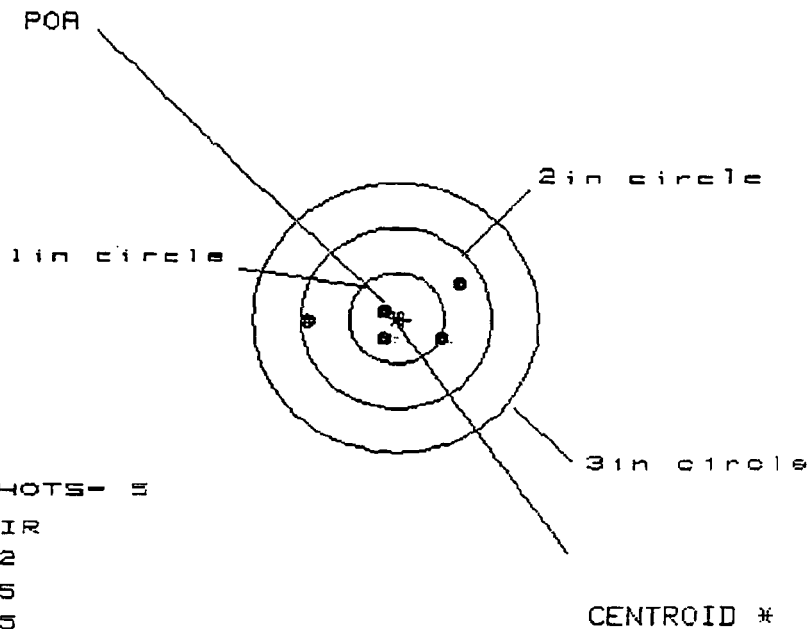


| PATTERN #                   | 1     | 2     | 3     |
|-----------------------------|-------|-------|-------|
| SHOTS (BEST OF)             | 5     | 4     | 3     |
| MAXIMUM X                   | .507  | .329  | .354  |
| MINIMUM X                   | -.713 | -.205 | -.190 |
| MAXIMUM Y                   | .464  | .423  | .193  |
| MINIMUM Y                   | -.648 | -.689 | -.176 |
| CENTROID X                  | -.032 | .146  | .121  |
| CENTROID Y                  | .066  | .107  | .337  |
| POA TO CENTROID in.         | .074  | .181  | .358  |
| MIN RADIUS                  | .254  | .295  | .181  |
| MEAN RADIUS                 | .532  | .447  | .279  |
| MAX RADIUS                  | .731  | .693  | .395  |
| HORIZONTAL SPREAD           | 1.220 | .534  | .534  |
| VERTICAL SPREAD             | 1.112 | 1.112 | .369  |
| EXTREME SPREAD              | 1.247 | 1.145 | .643  |
| NUMBER IN ONE INCH CIRCLE   | = 2   |       |       |
| NUMBER IN TWO INCH CIRCLE   | = 5   |       |       |
| NUMBER IN THREE INCH CIRCLE | = 5   |       |       |

15 Jan 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/A1088664

## CENTERFIRE PATTERNS # 2



# OF SHOTS- 5

# IN CIR

1 in = 2

2 in = 5

3 in = 5

HS= 1.591

VS= .628

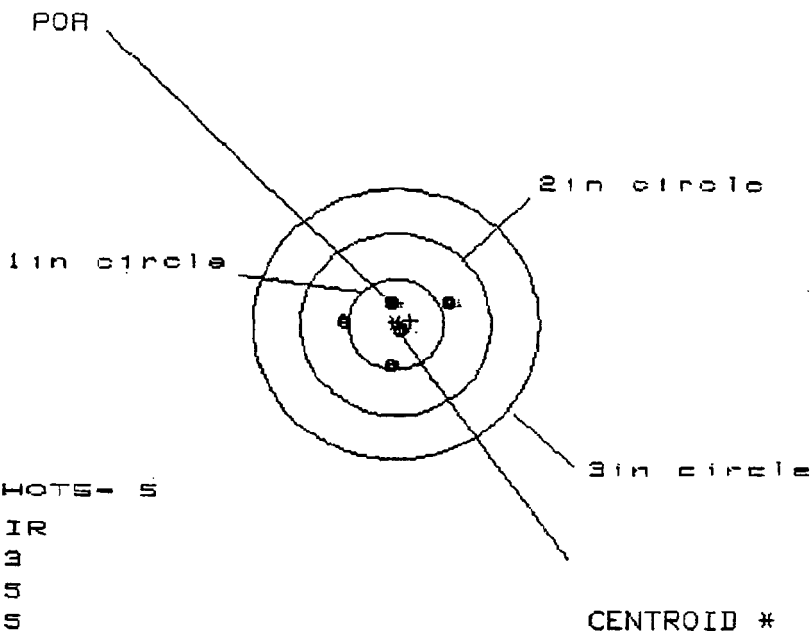
GS= 1.644

| PATTERN #                   | 5     | 4     | 3     |
|-----------------------------|-------|-------|-------|
| SHOTS (BEST OF)             | 5     | 4     | 3     |
| MAXIMUM X                   | .697  | .473  | .441  |
| MINIMUM X                   | -.894 | -.402 | -.244 |
| MAXIMUM Y                   | .377  | .368  | .194  |
| MINIMUM Y                   | -.251 | -.260 | -.137 |
| CENTROID X                  | -.065 | .159  | .001  |
| CENTROID Y                  | .018  | .027  | -.096 |
| POA TO CENTROID in.         | .067  | .161  | .096  |
| MIN RADIUS                  | .155  | .363  | .250  |
| MEAN RADIUS                 | .531  | .447  | .330  |
| MAX RADIUS                  | .895  | .600  | .462  |
| HORIZONTAL SPREAD           | 1.591 | .875  | .685  |
| VERTICAL SPREAD             | .628  | .628  | .331  |
| EXTREME SPREAD              | 1.644 | 1.032 | .720  |
| NUMBER IN ONE INCH CIRCLE   | = 2   |       |       |
| NUMBER IN TWO INCH CIRCLE   | = 5   |       |       |
| NUMBER IN THREE INCH CIRCLE | = 5   |       |       |

15 Jan 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/A1088684

## CENTERFIRE PATTERNS # 3



# OF SHOTS- 5

# IN CIR

1in = 3

2in = 5

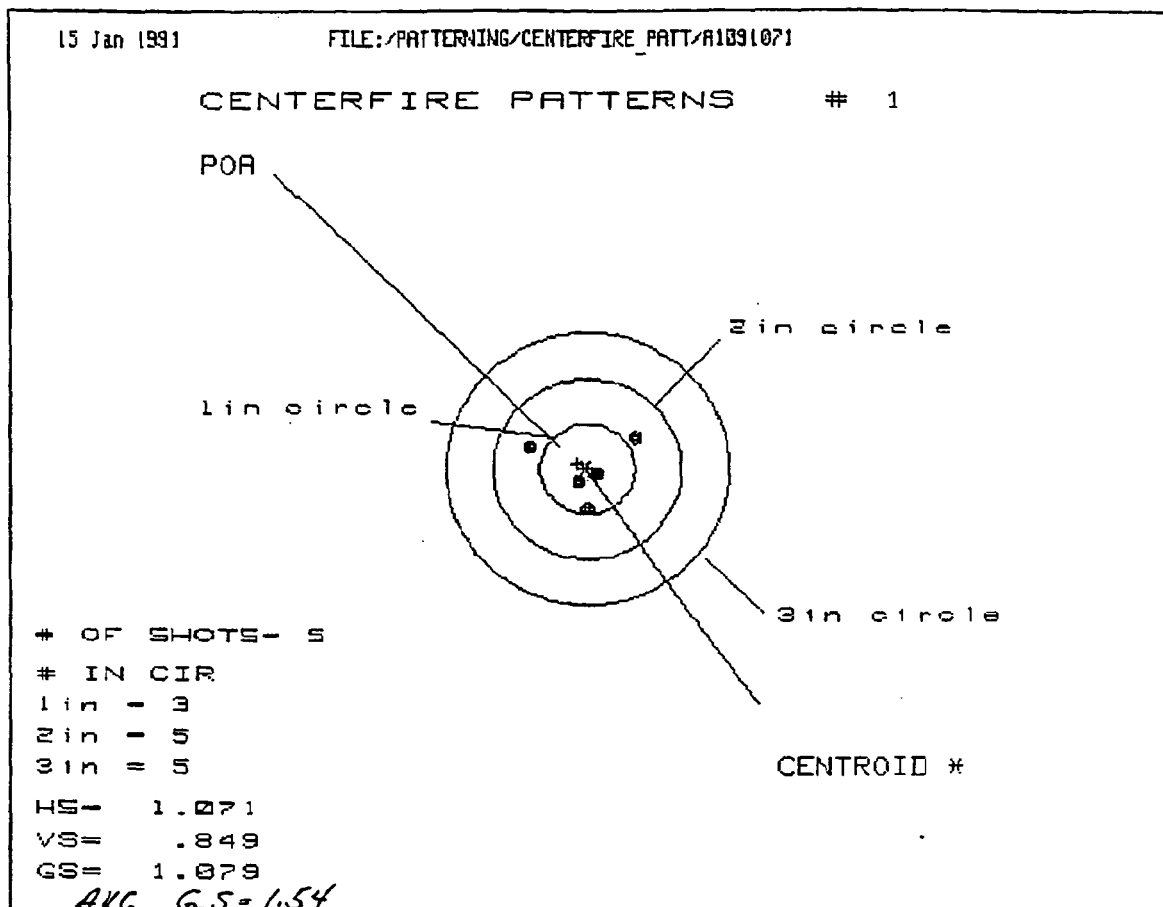
3in = 5

HS= 1.146

VS= .672

GS= 1.163

| PATTERN #                   | 3     | 4     | 3     |
|-----------------------------|-------|-------|-------|
| SHOTS (BEST OF)             | 5     | 4     | 3     |
| MAXIMUM X                   | .596  | .154  | .020  |
| MINIMUM X                   | -.550 | -.401 | -.019 |
| MAXIMUM Y                   | .231  | .286  | .312  |
| MINIMUM Y                   | -.441 | -.386 | -.360 |
| CENTROID X                  | -.149 | -.298 | -.164 |
| CENTROID Y                  | -.036 | -.091 | -.117 |
| POA TO CENTROID in.         | .153  | .312  | .202  |
| MIN RADIUS                  | .033  | .156  | .052  |
| MEAN RADIUS                 | .370  | .320  | .242  |
| MAX RADIUS                  | .635  | .408  | .360  |
| HORIZONTAL SPREAD           | 1.146 | .555  | .039  |
| VERTICAL SPREAD             | .672  | .672  | .672  |
| EXTREME SPREAD              | 1.163 | .693  | .672  |
| NUMBER IN ONE INCH CIRCLE   | = 3   |       |       |
| NUMBER IN TWO INCH CIRCLE   | = 5   |       |       |
| NUMBER IN THREE INCH CIRCLE | = 5   |       |       |

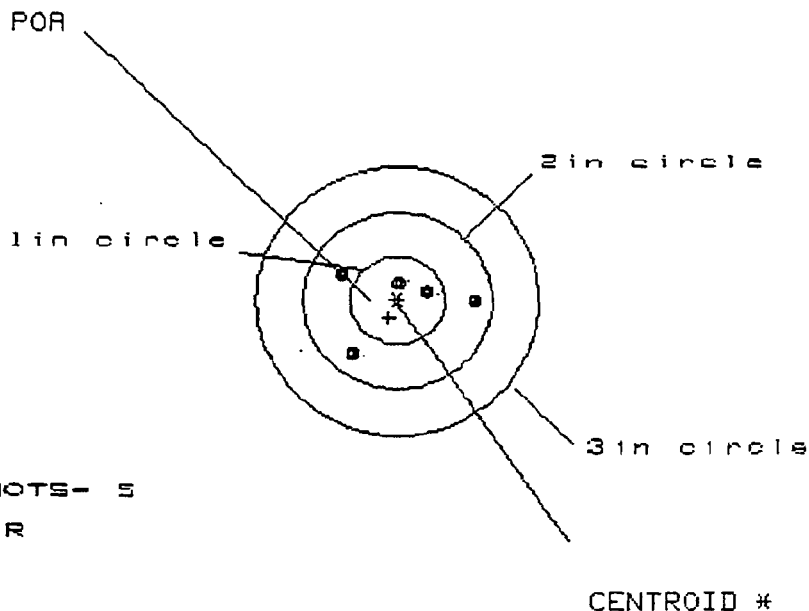


| PATTERN #                     | 1     | 2     | 3     |
|-------------------------------|-------|-------|-------|
| SHOTS (BEST OF)               | 5     | 4     | 3     |
| MAXIMUM X                     | .521  | .235  | .096  |
| MINIMUM X                     | -.550 | -.419 | -.107 |
| MAXIMUM Y                     | .385  | .349  | .214  |
| MINIMUM Y                     | -.464 | -.367 | -.251 |
| CENTROID X                    | .100  | -.031 | .109  |
| CENTROID Y                    | -.055 | -.152 | -.260 |
| POA TO CENTROID in.           | .114  | .155  | .289  |
| MIN RADIUS                    | .105  | .085  | .114  |
| MEAN RADIUS                   | .405  | .321  | .200  |
| MAX RADIUS                    | .648  | .545  | .252  |
| HORIZONTAL SPREAD             | 1.071 | .655  | .203  |
| VERTICAL SPREAD               | .849  | .716  | .465  |
| EXTREME SPREAD                | 1.079 | .916  | .473  |
| NUMBER IN ONE INCH CIRCLE =   |       | 3     |       |
| NUMBER IN TWO INCH CIRCLE =   |       | 5     |       |
| NUMBER IN THREE INCH CIRCLE = |       | 5     |       |

15 Jan 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/R1891071

## CENTERFIRE PATTERNS # 2



# OF SHOTS- 5

# IN CIR

1 in = 2

2 in = 5

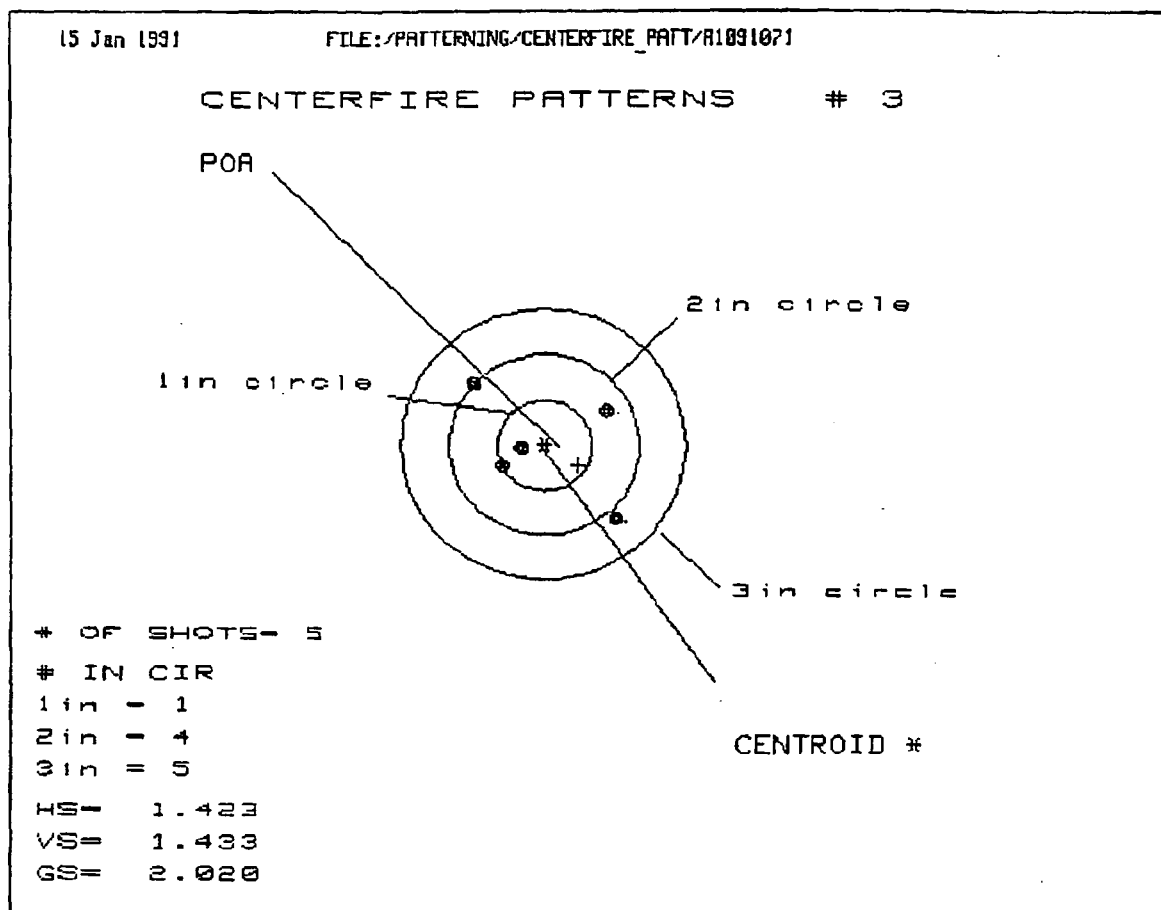
3 in = 5

HS= 1.473

VS= .876

GS= 1.512

| PATTERN #                     | 2     | 4     | 3     |
|-------------------------------|-------|-------|-------|
| SHOTS (BEST OF)               | 5     | 4     | 3     |
| MAXIMUM X                     | .843  | .494  | .390  |
| MINIMUM X                     | -.630 | -.419 | -.523 |
| MAXIMUM Y                     | .303  | .294  | .100  |
| MINIMUM Y                     | -.573 | -.582 | -.075 |
| CENTROID X                    | .087  | -.124 | -.020 |
| CENTROID Y                    | .197  | .206  | .400  |
| POA TO CENTROID in.           | .215  | .240  | .401  |
| MIN RADIUS                    | .180  | .290  | .135  |
| MEAN RADIUS                   | .562  | .493  | .355  |
| MAX RADIUS                    | .844  | .660  | .532  |
| HORIZONTAL SPREAD             | 1.473 | .913  | .913  |
| VERTICAL SPREAD               | .876  | .876  | .175  |
| EXTREME SPREAD                | 1.512 | 1.067 | .930  |
| NUMBER IN ONE INCH CIRCLE =   | 2     |       |       |
| NUMBER IN TWO INCH CIRCLE =   | 5     |       |       |
| NUMBER IN THREE INCH CIRCLE = | 5     |       |       |



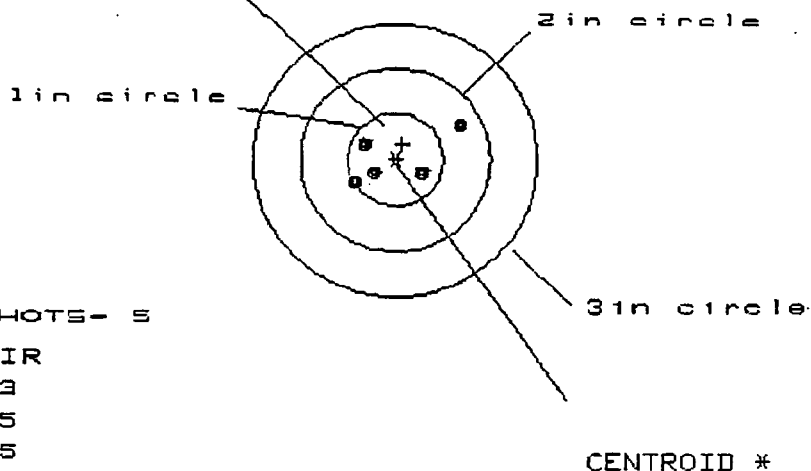
| PATTERN #                     | 3     | 4     | 3     |
|-------------------------------|-------|-------|-------|
| SHOTS (BEST OF)               | 5     | 4     | 3     |
| MAXIMUM X                     | .708  | .837  | .657  |
| MINIMUM X                     | -.715 | -.538 | -.453 |
| MAXIMUM Y                     | .639  | .440  | .350  |
| MINIMUM Y                     | -.794 | -.458 | -.311 |
| CENTROID X                    | -.352 | -.529 | -.349 |
| CENTROID Y                    | .214  | .413  | .266  |
| POA TO CENTROID in.           | .412  | .671  | .439  |
| MIN RADIUS                    | .203  | .187  | .208  |
| MEAN RADIUS                   | .703  | .569  | .501  |
| MAX RADIUS                    | 1.064 | .861  | .745  |
| HORIZONTAL SPREAD             | 1.423 | 1.375 | 1.110 |
| VERTICAL SPREAD               | 1.433 | .898  | .661  |
| EXTREME SPREAD                | 2.020 | 1.395 | 1.292 |
| NUMBER IN ONE INCH CIRCLE =   | 1     |       |       |
| NUMBER IN TWO INCH CIRCLE =   | 4     |       |       |
| NUMBER IN THREE INCH CIRCLE = | 5     |       |       |

15 Jan 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/A1891279

## CENTERFIRE PATTERNS # 1

POA



# OF SHOTS- 5

# IN CIR

1in - 3

2in - 5

3in - 5

HS- 1.105

VS- .558

GS- 1.238

AUG. G.S. 1.19

| PATTERN #                     | 1     | 2     | 3     |
|-------------------------------|-------|-------|-------|
| SHOTS (BEST OF)               | 5     | 4     | 3     |
| MAXIMUM X                     | .653  | .445  | .349  |
| MINIMUM X                     | -.452 | -.288 | -.220 |
| MAXIMUM Y                     | .338  | .244  | .199  |
| MINIMUM Y                     | -.220 | -.135 | -.123 |
| CENTROID X                    | -.072 | -.236 | -.140 |
| CENTROID Y                    | -.168 | -.253 | -.208 |
| POA TO CENTROID in.           | .183  | .346  | .251  |
| MIN RADIUS                    | .254  | .084  | .178  |
| MEAN RADIUS                   | .425  | .281  | .277  |
| MAX RADIUS                    | .736  | .446  | .357  |
| HORIZONTAL SPREAD             | 1.105 | .733  | .569  |
| VERTICAL SPREAD               | .558  | .379  | .322  |
| EXTREME SPREAD                | 1.238 | .740  | .632  |
| NUMBER IN ONE INCH CIRCLE =   | 3     |       |       |
| NUMBER IN TWO INCH CIRCLE =   | 5     |       |       |
| NUMBER IN THREE INCH CIRCLE = | 5     |       |       |