

# Asymmetric: 7000604 Benjamin 170Code zero.des

Design Info  
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Design File:  
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2023 Order\Need Confrim Order\7000604 Benjamin\70

Initial Design Date: 25/6/2023  
Boat:

Comments:

Client:

Design Data  
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## Asymmetric

### Measurements

Luff length (SLU): 17.000m  
Leech length (SLE): 15.573m  
Foot length (SFL): 10.710m  
Headboard Width: 0.005m  
Three-quarter width: 2.931m  
Half width (SHW): 5.802m  
Quarter width: 8.414m  
ORC Area: 92.064m?  
IRC Area: 91.695m?  
Surface Area: 87.729m?  
Hoist height: 17.000m  
J: 5.200m

Closest Pt: 2.593m  
Closest Pt: 5.188m  
Closest Pt: 7.631m

### Luff Curve

15.500m, 0.000m  
11.625m, 0.000m  
7.750m, 0.000m  
3.875m, 0.000m  
0.000m, 0.000m

### Fanned Luff (@ 5.00% [0.516m])

100% (16.968m) : -0.000m  
90% (15.269m) : -0.169m  
80% (13.571m) : -0.315m  
70% (11.875m) : -0.415m  
60% (10.179m) : -0.460m  
50% (8.483m) : -0.452m  
40% (6.788m) : -0.413m  
30% (5.092m) : -0.346m  
20% (3.395m) : -0.253m  
10% (1.698m) : -0.133m  
0% (0.000m) : 0.000m

### Before BSeam

0.000m  
0.020m  
0.066m  
0.132m  
0.184m  
0.225m  
0.231m  
0.218m  
0.180m  
0.100m  
0.000m

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## Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1/a	0.025m	0.016m	0.025m
Zone: 1/b	0.025m	0.016m	0.025m
Zone: 2/a	0.025m	0.016m	0.025m
Zone: 2/b	0.025m	0.016m	0.025m
Zone: 3/a	0.025m	0.016m	0.025m
Zone: 3/b	0.025m	0.016m	0.025m

## Edge Excesses

Sail:	Luff	Leech	Foot
Sail:	0.000m	0.000m	0.000m

## Total Seam Lengths (m)

Horizontal	11.22
Radial/Vertical	278.00
Bi-Radial Split	16.04

## Materials

Material	Area (m <sup>2</sup> )	Panels
Material 1	87.93	1\1, 1\2, 1\3, 1\4, 1\5 1\6, 1\7, 1\8, 1\9, 1\10 1\11, 1\12, 1\13, 1\14, 1b\1 1b\2, 1b\3, 1b\4, 1b\5, 1b\6 1b\7, 1b\8, 1b\9, 1b\10, 1b\11 1b\12, 1b\13, 1b\14, 2\1, 2\2 2\3, 2\4, 2\5, 2\6, 2\7 2b\7, 2b\6, 2b\5, 2b\4, 2b\3 2b\2, 2b\1, 3\1, 3\2, 3\3 3\4, 3\5, 3\6, 3b\6, 3b\5 3b\4, 3b\3, 3b\2, 3b\1

