

Asymmetric: 7001230 Paul custom26 Code zeroV1.des

Design Info
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Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\7001230 Paul\700

Initial Design Date: 4/1/2024
Boat:

Comments:

Client:

Design Data
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Asymmetric

Measurements

Luff length (SLU): 10.564m
Leech length (SLE): 9.750m
Foot length (SFL): 4.750m
Headboard Width: 0.005m
Three-quarter width: 1.689m
Half width (SHW): 3.022m
Quarter width: 3.993m
ORC Area: 28.502m?
IRC Area: 28.388m?
Surface Area: 27.623m?
Hoist height: 10.564m
J: 3.124m

Closest Pt: 1.518m
Closest Pt: 2.769m
Closest Pt: 3.703m

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% [0.229m])

100% (10.555m) : 0.000m
90% (9.499m) : -0.071m
80% (8.443m) : -0.134m
70% (7.387m) : -0.176m
60% (6.332m) : -0.195m
50% (5.277m) : -0.191m
40% (4.222m) : -0.174m
30% (3.167m) : -0.145m
20% (2.111m) : -0.106m
10% (1.056m) : -0.056m
0% (0.000m) : 0.000m

Before BSeam

0.000m
0.020m
0.050m
0.087m
0.112m
0.122m
0.118m
0.099m
0.077m
0.046m
0.000m

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Seam Allowances

	Split	Radial	Cross
Zone: 1/a	0.025m	0.014m	0.025m
Zone: 1/b	0.025m	0.014m	0.025m
Zone: 2/a	0.025m	0.014m	0.025m
Zone: 2/b	0.025m	0.014m	0.025m
Zone: 3	0.025m	0.014m	0.025m

Edge Excesses

Sail:	Luff	Leech	Foot
	0.000m	0.000m	0.000m

Total Seam Lengths (m)

Horizontal	6.09
Radial/Vertical	110.58
Bi-Radial Split	6.54

Materials

Material	Area (m ²)	Panels
Material 1	27.67	1\1,1\2,1\3,1\4,1\5 1\6,1\7,1\8,1\9,1\10 1\11,1\12,1b\1,1b\2,1b\3 1b\4,1b\5,1b\6,1b\7,1b\8 1b\9,1b\10,1b\11,1b\12,2\1 2\2,2\3,2\4,2\5,2b\1 2b\2,2b\3,2b\4,2b\5,3\1 3\2,3\3,3\4,3\5,3\6

