

Asymmetric: 8000611 Pierre-James-4 Crealock37 150%Drifter.des

Design Info

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Initial Design Date: 12/7/2024
Boat:
Crealock 37
Client:

Design File:

\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8000611 Pierre-Ja

Comments:

Design Data

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Asymmetric

Measurements

Luff length (SLU): 12.500m
Leech length (SLE): 11.300m
Foot length (SFL): 6.855m
Headboard Width: 0.015m
Three-quarter width: 2.288m
Half width (SHW): 4.168m
Quarter width: 5.692m
ORC Area: 46.659m?
IRC Area: 46.473m?
Surface Area: 46.121m?
Hoist height: 11.950m
J: 4.570m

Closest Pt: 2.015m
Closest Pt: 3.751m
Closest Pt: 5.223m

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% [0.331m])

100% (12.496m) : -0.000m -0.000m
90% (11.227m) : -0.056m 0.136m
80% (9.963m) : -0.096m 0.220m
70% (8.706m) : -0.118m 0.286m
60% (7.454m) : -0.128m 0.327m
50% (6.206m) : -0.126m 0.341m
40% (4.961m) : -0.115m 0.329m
30% (3.718m) : -0.095m 0.292m
20% (2.477m) : -0.069m 0.227m
10% (1.238m) : -0.037m 0.130m
0% (0.000m) : 0.000m 0.000m

Before BSeam

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Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1/a	0.025m	0.013m	0.025m
Zone: 1/b	0.025m	0.013m	0.025m
Zone: 2/a	0.025m	0.013m	0.025m
Zone: 2/b	0.025m	0.013m	0.025m
Zone: 3/a	0.025m	0.013m	0.025m
Zone: 3/b	0.025m	0.013m	0.025m

Edge Excesses

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

Total Seam Lengths (m)

Horizontal	8.96
Radial/Vertical	144.16
Bi-Radial Split	12.04

Materials

Material	Area (m ²)	Panels
Material 1	33.89	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\4,3b\1,3b\2,3b\3,3b\4
Material 2	12.17	1\1,1\2,1\3,1\4,1\5 1\6,1\7,1\8,1\9,1\10 1\11,1\12

