

Asymmetric: 7000124 Manuel code Zero V1(1).des

Design Info
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Design File:
F:\Dropbox\Dropbox-20221019\Dropbox20221213\Dropbox\Fareast Sails\2023 Order\Need Confrim Order\7000124 M

Initial Design Date: 31/1/2023
Boat:

Comments:

Client:

Design Data
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Asymmetric

Measurements

Luff length (SLU): 13.600m
Leech length (SLE): 13.300m
Foot length (SFL): 8.890m
Headboard Width: 0.005m
Three-quarter width: 2.971m
Half width (SHW): 5.548m
Quarter width: 7.407m
ORC Area: 69.672m?
IRC Area: 69.393m?
Surface Area: 66.740m?
Hoist height: 13.230m
J: 3.630m

Closest Pt: 2.627m
Closest Pt: 5.058m
Closest Pt: 6.946m

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% [0.426m])

100% (13.572m) : -0.000m
90% (12.214m) : -0.140m
80% (10.856m) : -0.262m
70% (9.498m) : -0.344m
60% (8.142m) : -0.382m
50% (6.786m) : -0.375m
40% (5.429m) : -0.343m
30% (4.073m) : -0.287m
20% (2.716m) : -0.209m
10% (1.358m) : -0.110m
0% (0.000m) : 0.000m

Before BSeam

0.000m
0.044m
0.106m
0.185m
0.244m
0.269m
0.260m
0.220m
0.174m
0.104m
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	10.86
Radial/Vertical	229.33
Bi-Radial Split	13.29

Materials

Material	Area (m ²)	Panels
Material 1	33.37	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\7,3b\6,3b\5,3b\4,3b\3 3b\2,3b\1
Material 2	32.78	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\14,2b\7 2b\6,2b\5,2b\4,2b\3,2b\2 2b\1,3\1,3\2,3\3,3\4 3\6 3\5
Material 3	0.71	3\6 3\5

