

Asymmetric: 8000331 David Corsair Dash760 asy spi.des

Design Info
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Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8000331 David Co

Initial Design Date: 30/3/2024
Boat:

Client:

Comments:

Design Data
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Asymmetric

Measurements

Luff length (SLU): 11.470m
Leech length (SLE): 9.490m
Foot length (SFL): 6.590m
Headboard Width: 0.015m
Three-quarter width: 3.676m
Half width (SHW): 6.431m
Quarter width: 7.118m
ORC Area: 56.441m?
IRC Area: 56.215m?
Surface Area: 57.625m?
Hoist height: 11.000m
J: 4.290m

Closest Pt: 2.645m
Closest Pt: 5.540m
Closest Pt: 7.705m

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% [0.272m])

100% (11.364m) : 0.000m
80% (9.103m) : -0.312m
67% (7.565m) : -0.536m
56% (6.370m) : -0.660m
47% (5.338m) : -0.701m
39% (4.391m) : -0.685m
31% (3.490m) : -0.625m
23% (2.611m) : -0.524m
15% (1.740m) : -0.376m
8% (0.870m) : -0.191m
0% (0.000m) : 0.000m

Before BSeam

0.000m
-0.054m
1.078m
1.384m
1.498m
1.454m
1.310m
1.079m
0.764m
0.392m
0.000m

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Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1/a	0.025m	0.015m	0.025m
Zone: 1/b	0.025m	0.015m	0.025m
Zone: 2/a	0.025m	0.015m	0.025m
Zone: 2/b	0.025m	0.015m	0.025m
Zone: 3/a	0.025m	0.015m	0.025m
Zone: 3/b	0.025m	0.015m	0.025m
Zone: 4	0.025m	0.015m	0.025m

Edge Excesses

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

Total Seam Lengths (m)

Horizontal	20.95
Radial/Vertical	202.95
Bi-Radial Split	6.82

Materials

Material	Area (m ²)	Panels
dark blue	27.81	1\1,1\3,1\5,1\7,1\10 1\12,1\14,1\16,1b\1,1b\3 1b\5,1b\7,1b\10,1b\12,1b\14 1b\16,2\1,2\3,2\5,2\7 2b\7,2b\5,2b\3,2b\1,3\1 3\3,3\5,3\7,3b\7,3b\5 3b\3,3b\1,4\1,4\3,4\5 4\8,4\10,4\12
Fl. yellow	29.91	1\2,1\4,1\6,1\8,1\9 1\11,1\13,1\15,1b\2,1b\4 1b\6,1b\8,1b\9,1b\11,1b\13 1b\15,2\2,2\4,2\6,2\8 2\9,2b\9,2b\8,2b\6,2b\4 2b\2,3\2,3\4,3\6,3\8 3b\8,3b\6,3b\4,3b\2,4\2 4\4,4\6,4\7,4\9,4\11

