

# 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:

Comments:

Client:

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

	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
	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 <sup>2</sup> )	Panels
Material 1	57.72	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\14,1\15 1\16,1b\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 1b\15,1b\16,2\1,2\2,2\3 2\4,2\5,2\6,2\7,2\8 2\9,2b\9,2b\8,2b\7,2b\6 2b\5,2b\4,2b\3,2b\2,2b\1 3\1,3\2,3\3,3\4,3\5 3\6,3\7,3\8,3b\8,3b\7 3b\6,3b\5,3b\4,3b\3,3b\2 3b\1,4\1,4\2,4\3,4\4 4\5,4\6,4\7,4\8,4\9 4\10,4\11,4\12

