

Asymmetric: 7000204 Patrick Jensen Cal40 code 0.des

Design Info
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Design File:
F:\Dropbox\Dropbox-20221019\Dropbox20221213\Dropbox\Fareast Sails\2023 Order\Need Confrim Order\7000204 Pa

Initial Design Date: 17/2/2023
Boat:

Comments:

Client:

Design Data
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Asymmetric

Measurements

Luff length (SLU):	44.291Ft	
Leech length (SLE):	41.610Ft	
Foot length (SFL):	26.621Ft	
Headboard Width:	0.016Ft	
Three-quarter width:	11.650Ft	Closest Pt: 9.816Ft
Half width (SHW):	20.030Ft	Closest Pt: 18.373Ft
Quarter width:	24.311Ft	Closest Pt: 23.563Ft
ORC Area:	764.110Ft?	
IRC Area:	761.053Ft?	
Surface Area:	759.969Ft?	
Hoist height:	44.750Ft	
J:	16.410Ft	

Luff Curve

50.853Ft,	0.000Ft
38.140Ft,	0.000Ft
25.427Ft,	0.000Ft
12.713Ft,	0.000Ft
0.000Ft,	0.000Ft

Fanned Luff (@ 5.00% [1.272Ft])

100% (44.287Ft) :	0.000Ft
89% (39.275Ft) :	-0.006Ft
78% (34.373Ft) :	-0.031Ft
67% (29.747Ft) :	-0.113Ft
57% (25.324Ft) :	-0.191Ft
47% (20.999Ft) :	-0.210Ft
38% (16.758Ft) :	-0.237Ft
28% (12.553Ft) :	-0.236Ft
19% (8.363Ft) :	-0.196Ft
9% (4.181Ft) :	-0.112Ft
0% (0.000Ft) :	0.000Ft

Before BSeam

0.000Ft
1.103Ft
2.136Ft
2.838Ft
3.092Ft
3.018Ft
2.645Ft
2.078Ft
1.449Ft
0.760Ft
0.000Ft

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Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1/a	0.082Ft	0.052Ft	0.082Ft
Zone: 1/b	0.082Ft	0.052Ft	0.082Ft
Zone: 2/a	0.082Ft	0.052Ft	0.082Ft
Zone: 2/b	0.082Ft	0.052Ft	0.082Ft
Zone: 3/a	0.082Ft	0.052Ft	0.082Ft
Zone: 3/b	0.082Ft	0.052Ft	0.082Ft

Edge Excesses

Sail:	Luff	Leech	Foot
Sail:	0.000Ft	0.000Ft	0.000Ft

Total Seam Lengths (Ft)

Horizontal	41.00
Radial/Vertical	710.25
Bi-Radial Split	43.89

Materials

Material	Area (Ft ²)	Panels
Orange	558.64	1\1,1\2,1\3,1\4,1\5 1\9,1\10,1\11,1\12,1\13 1\14,1b\1,1b\2,1b\3,1b\4 1b\5,1b\9,1b\10,1b\11,1b\12 1b\13,1b\14,2\1,2\2,2\3 2\4,2\5,2b\5,2b\4,2b\3 2b\2,2b\1,3\1,3\2,3\3 3\4,3\5,3b\5,3b\4,3b\3 3b\2,3b\1
yellow	202.77	1\6,1\7,1\8,1b\6,1b\7 1b\8,2\6,2\7,2b\7,2b\6 3\6,3b\6

