

Asymmetric: 7000811 Chris -2 Top down Asy spinnakerV2.des

Design Info
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Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2023 Order\Need to be Confirmed\7000811 Chris\7000

Initial Design Date: 6/9/2023
Boat:

Comments:

Client:

Design Data
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Asymmetric

Measurements

Luff length (SLU):	11.260m	
Leech length (SLE):	9.669m	
Foot length (SFL):	7.290m	
Headboard Width:	0.010m	
Three-quarter width:	3.766m	Closest Pt: 2.777m
Half width (SHW):	6.553m	Closest Pt: 5.586m
Quarter width:	7.561m	Closest Pt: 7.365m
ORC Area:	58.429m?	
IRC Area:	58.195m?	
Surface Area:	60.636m?	
Hoist height:	12.400m	
J:	4.100m	

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% [0.302m])

100% (11.259m) :	-0.000m	0.000m
87% (9.830m) :	0.051m	0.631m
75% (8.480m) :	0.072m	1.165m
65% (7.266m) :	0.062m	1.528m
55% (6.158m) :	0.044m	1.713m
45% (5.111m) :	0.024m	1.735m
36% (4.096m) :	0.001m	1.604m
27% (3.089m) :	-0.019m	1.335m
18% (2.075m) :	-0.027m	0.958m
9% (1.044m) :	-0.014m	0.503m
0% (0.000m) :	0.000m	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	20.93
Radial/Vertical	207.11
Bi-Radial Split	7.14

Materials

Material	Area (m ²)	Panels
Material 1	60.60	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 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

