

Asymmetric: 8000118 Tom-2 Landing School 30 Aspin A2 V1.des

Design Info
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Initial Design Date: 23/1/2024
Boat:
Landing School 30
Client:

Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8000118 Tom\8000

Comments:

Design Data
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Asymmetric

Measurements

Luff length (SLU):	11.000m	
Leech length (SLE):	9.607m	
Foot length (SFL):	6.222m	
Headboard Width:	0.025m	
Three-quarter width:	3.422m	Closest Pt: 2.863m
Half width (SHW):	5.789m	Closest Pt: 5.326m
Quarter width:	6.406m	Closest Pt: 6.457m
ORC Area:	50.452m?	
IRC Area:	50.251m?	
Surface Area:	53.356m?	
Hoist height:	10.640m	
J:	3.660m	

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% [0.268m])

100% (10.930m) :	0.000m	-0.000m
81% (8.890m) :	-0.207m	1.192m
68% (7.455m) :	-0.341m	1.571m
58% (6.337m) :	-0.423m	1.744m
49% (5.374m) :	-0.488m	1.754m
41% (4.481m) :	-0.526m	1.651m
33% (3.617m) :	-0.528m	1.454m
25% (2.754m) :	-0.488m	1.176m
17% (1.872m) :	-0.389m	0.838m
9% (0.953m) :	-0.216m	0.449m
0% (0.000m) :	0.000m	0.000m

Before BSeam

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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	18.46
Radial/Vertical	198.26
Bi-Radial Split	6.96

Materials

Material	Area (m ²)	Panels
orange	15.56	1\3,1\4,1\12,1\13,1\14 1b\3,1b\4,1b\12,1b\13,1b\14 2\3,2\4,2b\4,2b\3,3\3 3\4,3b\4,3b\3,4\3,4\4 4\9,4\10
yellow	13.90	1\1,1\2,1\15,1\16,1b\1 1b\2,1b\15,1b\16,2\1,2\2 2b\2,2b\1,3\1,3\2,3b\2 3b\1,4\1,4\2,4\11,4\12
light blue	23.92	1\5,1\6,1\7,1\8,1\9 1\10,1\11,1b\5,1b\6,1b\7 1b\8,1b\9,1b\10,1b\11,2\5 2\6,2\7,2\8,2\9,2b\9 2b\8,2b\7,2b\6,2b\5,3\5 3\6,3\7,3\8,3b\8,3b\7 3b\6,3b\5,4\5,4\6,4\7 4\8

