

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

Design Info
=====

Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8000118 Tom\8000118 Tom-2 Landing School 30 Aspin A2.des

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

Comments:

Design Data
=====

Asymmetric

Measurements

Luff length (SLU):	10.750m	
Leech length (SLE):	10.825m	
Foot length (SFL):	5.022m	
Headboard Width:	0.025m	
Three-quarter width:	3.547m	Closest Pt: 3.356m
Half width (SHW):	5.838m	Closest Pt: 5.673m
Quarter width:	5.860m	Closest Pt: 6.093m
ORC Area:	51.016m?	
IRC Area:	50.812m?	
Surface Area:	52.602m?	
Hoist height:	9.750m	
J:	2.790m	

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% [0.215m])		Before BSeam
100% (10.623m) :	0.000m	0.000m
82% (8.666m) :	-0.327m	1.969m
69% (7.296m) :	-0.522m	2.226m
59% (6.225m) :	-0.627m	2.279m
50% (5.296m) :	-0.692m	2.180m
42% (4.425m) :	-0.717m	1.977m
34% (3.575m) :	-0.695m	1.689m
26% (2.722m) :	-0.623m	1.330m
17% (1.850m) :	-0.486m	0.924m
9% (0.942m) :	-0.266m	0.482m
0% (0.000m) :	0.000m	0.000m

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

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	17.80
Radial/Vertical	193.99
Bi-Radial Split	6.98

Materials

Material	Area (m ²)	Panels
Material 1	52.62	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\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

