

Asymmetric: 8000417 Ryan Runner asy spiV2.des

Design Info
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Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8000417 Ryan De

Initial Design Date: 2/5/2024
Boat:

Comments:

Client:

Design Data
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Asymmetric

Measurements

Luff length (SLU):	42.651Ft	
Leech length (SLE):	38.550Ft	
Foot length (SFL):	26.247Ft	
Headboard Width:	0.098Ft	
Three-quarter width:	17.562Ft	Closest Pt: 12.020Ft
Half width (SHW):	29.518Ft	Closest Pt: 25.440Ft
Quarter width:	31.502Ft	Closest Pt: 32.278Ft
ORC Area:	976.576Ft?	
IRC Area:	972.670Ft?	
Surface Area:	1069.990Ft?	
Hoist height:	46.700Ft	
J:	13.878Ft	

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% [1.028Ft])

100% (42.618Ft) :	0.000Ft	-0.000Ft
85% (36.150Ft) :	-0.424Ft	-3.675Ft
73% (31.074Ft) :	-0.642Ft	-0.795Ft
63% (26.694Ft) :	-0.735Ft	-3.430Ft
53% (22.655Ft) :	-0.745Ft	2.922Ft
44% (18.780Ft) :	-0.694Ft	2.671Ft
35% (14.987Ft) :	-0.600Ft	3.401Ft
26% (11.236Ft) :	-0.473Ft	3.485Ft
18% (7.500Ft) :	-0.321Ft	2.610Ft
9% (3.755Ft) :	-0.159Ft	1.435Ft
0% (0.000Ft) :	0.000Ft	0.000Ft

Before BSeam

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Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1/a	0.098Ft	0.052Ft	0.131Ft
Zone: 1/b	0.098Ft	0.052Ft	0.131Ft
Zone: 2/a	0.098Ft	0.052Ft	0.131Ft
Zone: 2/b	0.098Ft	0.052Ft	0.131Ft
Zone: 3/a	0.098Ft	0.052Ft	0.131Ft
Zone: 3/b	0.098Ft	0.052Ft	0.131Ft
Zone: 4	0.098Ft	0.052Ft	0.131Ft

Edge Excesses

Sail:	Luff	Leech	Foot
	0.000Ft	0.000Ft	0.000Ft

Total Seam Lengths (Ft)

Horizontal	91.22
Radial/Vertical	1021.49
Bi-Radial Split	31.65

Materials

Material	Area (Ft ²)	Panels
red	522.32	1\2,1\4,1\6,1\8,1\10 1\12,1\14,1\16,1\18,1b\1 1b\3,1b\5,1b\7,1b\9,1b\11 1b\13,1b\15,1b\17,2\2,2\4 2\6,2\8,2\10,2b\2,2b\4 2b\6,2b\8,2b\10,3\2,3\4 3\6,3\8,3\10,3b\1,3b\3 3b\5,3b\7,3b\9,4\2,4\4 4\6,4\8,4\11,4\13,4\15 4\17
white	547.47	1\1,1\3,1\5,1\7,1\9 1\11,1\13,1\15,1\17,1\19 1b\2,1b\4,1b\6,1b\8,1b\10 1b\12,1b\14,1b\16,1b\18,2\1 2\3,2\5,2\7,2\9,2\11 2b\1,2b\3,2b\5,2b\7,2b\9 3\1,3\3,3\5,3\7,3\9 3b\2,3b\4,3b\6,3b\8,4\1 4\3,4\5,4\7,4\9,4\10 4\12,4\14,4\16

