

# Asymmetric: 8000417 Ryan Runner asy spiV1.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: 27/4/2024  
Boat:

Comments:

Client:

Design Data  
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## Asymmetric

### Measurements

Luff length (SLU):	43.963Ft	
Leech length (SLE):	44.521Ft	
Foot length (SFL):	24.324Ft	
Headboard Width:	0.098Ft	
Three-quarter width:	17.026Ft	Closest Pt: 12.600Ft
Half width (SHW):	29.081Ft	Closest Pt: 27.367Ft
Quarter width:	29.083Ft	Closest Pt: 30.859Ft
ORC Area:	1037.092Ft?	
IRC Area:	1032.943Ft?	
Surface Area:	1080.507Ft?	
Hoist height:	37.330Ft	
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% [0.947Ft])

100% (43.141Ft) :	0.000Ft	-0.000Ft
78% (33.768Ft) :	-1.950Ft	11.349Ft
66% (28.501Ft) :	-3.148Ft	17.835Ft
56% (24.356Ft) :	-3.757Ft	16.894Ft
48% (20.660Ft) :	-3.892Ft	15.478Ft
40% (17.172Ft) :	-3.721Ft	13.578Ft
32% (13.764Ft) :	-3.323Ft	11.288Ft
24% (10.367Ft) :	-2.732Ft	8.678Ft
16% (6.941Ft) :	-1.945Ft	5.846Ft
8% (3.476Ft) :	-0.997Ft	2.928Ft
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
Sail:	0.000Ft	0.000Ft	0.000Ft

## Total Seam Lengths (Ft)

Horizontal	88.47
Radial/Vertical	1020.38
Bi-Radial Split	29.61

## Materials

Material	Area (Ft <sup>2</sup> )	Panels
red	439.57	1\5,1\7,1\9,1\11,1\13 1\15,1\17,1b2,1b4,1b6 1b8,1b11,1b13,1b15,1b17 2\5,2\7,2\9,2b1,2b3 2b5,2b7,2b9,3\5,3\7 3\9,3b2,3b4,3b6,3b8 4\5,4\7,4\9,4\11,4\13 4\15
white	641.49	1\1,1\2,1\3,1\4,1\6 1\8,1\10,1\12,1\14,1\16 1\18,1b1,1b3,1b5,1b7 1b9,1b10,1b12,1b14,1b16 1b18,2\1,2\2,2\3,2\4 2\6,2\8,2\10,2b2,2b4 2b6,2b8,2b10,3\1,3\2 3\3,3\4,3\6,3\8,3b1 3b3,3b5,3b7,3b9,4\1 4\2,4\3,4\4,4\6,4\8 4\10,4\12,4\14,4\16

