

# Asymmetric: 8000417 Ryan Runner spi.des

Design Info  
=====

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

Initial Design Date: 26/4/2024  
Boat:

Comments:

Client:

Design Data  
=====

## 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

# Asymmetric: 8000417 Ryan Runner spi.des

## 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	989.18
Bi-Radial Split	29.54

## Materials

Material	Area (Ft <sup>2</sup> )	Panels
Material 1	1080.92	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 1\16,1\17,1b\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\16,1b\17,2\1 2\2,2\3,2\4,2\5,2\6 2\7,2\8,2\9,2\10,2b\1 2b\2,2b\3,2b\4,2b\5,2b\6 2b\7,2b\8,2b\9,2b\10,3\1 3\2,3\3,3\4,3\5,3\6 3\7,3\8,3\9,3b\1,3b\2 3b\3,3b\4,3b\5,3b\6,3b\7 3b\8,3b\9,4\1,4\2,4\3 4\4,4\5,4\6,4\7,4\8 4\9,4\10,4\11,4\12,4\13 4\14,4\15,4\16

