

Asymmetric: 8000402 Jost-Peter Albin Stratus 35 A2 spi.des

Design Info
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Initial Design Date: 11/4/2024
Boat:
Albin Stratus 35
Client:

Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8000402 Jost-Pete

Comments:

Design Data
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Asymmetric

Measurements

Luff length (SLU): 14.500m
Leech length (SLE): 13.188m
Foot length (SFL): 7.866m
Headboard Width: 0.015m
Three-quarter width: 4.723m
Half width (SHW): 7.955m
Quarter width: 8.499m
ORC Area: 91.570m?
IRC Area: 91.203m?
Surface Area: 93.578m?
Hoist height: 13.000m
J: 4.370m

Closest Pt: 3.773m
Closest Pt: 7.347m
Closest Pt: 8.578m

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% [0.327m])

100% (14.392m) : 0.000m
82% (11.858m) : -0.340m
69% (9.931m) : -0.640m
59% (8.448m) : -0.789m
50% (7.164m) : -0.818m
41% (5.957m) : -0.776m
33% (4.774m) : -0.680m
25% (3.593m) : -0.545m
17% (2.405m) : -0.386m
8% (1.206m) : -0.202m
0% (0.000m) : 0.000m

Before BSeam

0.000m
1.030m
1.612m
1.904m
1.996m
1.925m
1.709m
1.368m
0.946m
0.481m
0.000m

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Seam Allowances

Zone:	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
Sail:	0.000m	0.000m	0.000m

Total Seam Lengths (m)

Horizontal	24.98
Radial/Vertical	260.26
Bi-Radial Split	8.80

Materials

Material	Area (m ²)	Panels
Material 1	93.64	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\16,1b\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\16,2\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

