

Asymmetric: 7000203 James asy.des

Design Info
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Initial Design Date: 9/5/2011
Boat:
T750
Client:

Design File:
F:\Dropbox\Dropbox-20221019\Dropbox20221213\Dropbox\Fareast Sails\2023 Order\Need Confrim Order\7000203 Ja

Comments:
MH Reacher

Chords
Luff 12940 mm
Leech 9850 mm
Foot 7210 mm

Area 81.7 m2

Design Data
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Asymmetric

Measurements

Luff length (SLU): 12.192m
Leech length (SLE): 11.542m
Foot length (SFL): 7.468m
Headboard Width: 0.010m
Three-quarter width: 3.897m
Half width (SHW): 6.909m
Quarter width: 7.629m
ORC Area: 69.428m?
IRC Area: 69.150m?
Surface Area: 72.672m?
Hoist height: 12.750m
J: 4.228m

Closest Pt: 3.206m
Closest Pt: 6.370m
Closest Pt: 7.873m

Luff Curve

10.349m, 0.000m
7.762m, 0.000m
5.175m, 0.000m
2.587m, 0.000m
0.000m, 0.000m

Fanned Luff (@ 5.00% [0.318m])

100% (12.142m) : -0.000m -0.000m
87% (10.594m) : -0.064m 0.649m
75% (9.146m) : -0.137m 1.206m
64% (7.825m) : -0.217m 1.604m
55% (6.632m) : -0.305m 1.760m
45% (5.519m) : -0.389m 1.720m
37% (4.435m) : -0.446m 1.520m
28% (3.353m) : -0.455m 1.202m
19% (2.258m) : -0.387m 0.822m
9% (1.139m) : -0.221m 0.424m
0% (0.000m) : 0.000m 0.000m

Before BSeam

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Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1/a	0.020m	0.020m	0.020m
Zone: 1/b	0.020m	0.020m	0.020m
Zone: 2/a	0.020m	0.020m	0.020m
Zone: 2/b	0.020m	0.020m	0.020m
Zone: 3/a	0.020m	0.020m	0.020m
Zone: 3/b	0.020m	0.020m	0.020m
Zone: 4	0.020m	0.020m	0.020m

Edge Excesses

Sail:	Luff	Leech	Foot
Sail:	0.000m	0.000m	0.000m

Total Seam Lengths (m)

Horizontal	21.64
Radial/Vertical	229.79
Bi-Radial Split	8.36

Materials

Material	Area (m ²)	Panels
Material 1	72.65	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

