

Asymmetric: 8000118 Tom-2 Landing School 30 Aspin A2 V1.des

Design Info
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Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8000118 Tom\8000118 Tom-2 Landing School 30 Aspin A2 V1.des

Initial Design Date: 23/1/2024
Boat:
Landing School 30
Client:

Comments:

Design Data
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Asymmetric

Measurements

| | | |
|----------------------|----------------------|--------------------|
| Luff length (SLU): | 11.000m | |
| Leech length (SLE): | 9.607m | |
| Foot length (SFL): | 6.222m | |
| Headboard Width: | 0.025m | |
| Three-quarter width: | 3.422m | Closest Pt: 2.863m |
| Half width (SHW): | 5.789m | Closest Pt: 5.326m |
| Quarter width: | 6.406m | Closest Pt: 6.457m |
| ORC Area: | 50.452m ² | |
| IRC Area: | 50.251m ² | |
| Surface Area: | 53.356m ² | |
| Hoist height: | 10.640m | |
| J: | 3.660m | |

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% [0.268m])

| | | |
|------------------|---------|---------|
| 100% (10.930m) : | 0.000m | -0.000m |
| 81% (8.890m) : | -0.207m | 1.192m |
| 68% (7.455m) : | -0.341m | 1.571m |
| 58% (6.337m) : | -0.423m | 1.744m |
| 49% (5.374m) : | -0.488m | 1.754m |
| 41% (4.481m) : | -0.526m | 1.651m |
| 33% (3.617m) : | -0.528m | 1.454m |
| 25% (2.754m) : | -0.488m | 1.176m |
| 17% (1.872m) : | -0.389m | 0.838m |
| 9% (0.953m) : | -0.216m | 0.449m |
| 0% (0.000m) : | 0.000m | 0.000m |

Before BSeam

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Seam Allowances

| | 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 |
|-------|--------|--------|--------|
| | 0.000m | 0.000m | 0.000m |

Total Seam Lengths (m)

| | |
|-----------------|--------|
| Horizontal | 18.46 |
| Radial/Vertical | 198.26 |
| Bi-Radial Split | 6.96 |

Materials

| Material | Area (m ²) | Panels |
|------------|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Material 1 | 53.38 | 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 |

