

Genoa: 8000808 Jeff-2 Flicka 20 Headsail.des

Design Info
=====

Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8000808 Jeff Pacif

Initial Design Date: 14/8/2024
Boat:
Flicka 20
Client:

Comments:

Design Data
=====

Genoa

Measurements

Luff geodesic:	24.409Ft
Leech geodesic:	23.713Ft
Foot geodesic:	14.228Ft
Headboard width:	0.098Ft
Luff perpendicular (HLP):	13.500Ft
Upper width (HUW):	1.524Ft
Three-quarter width (HTW):	3.047Ft
Half width (HHW):	6.377Ft
Quarter width (HQW):	9.902Ft
Foot median:	23.411Ft
ORC Headsail area:	159.849Ft?
IRC Headsail area:	159.349Ft?
Surface area:	160.997Ft?
Forestay height:	25.420Ft
J:	10.000Ft

Draft Stripes

1, Luff: 8.102Ft ; Leech: 8.121Ft ;
2, Luff: 16.163Ft ; Leech: 15.753Ft ;

Luff Curve

		Fanned Luff (@ 5.00% [0.701Ft])	Before BSeam
24.407Ft,	0.000Ft	100% (24.407Ft) :	0.000Ft -0.000Ft
19.513Ft,	0.104Ft	90% (21.963Ft) :	-0.057Ft 0.013Ft
14.622Ft,	0.143Ft	80% (19.528Ft) :	-0.104Ft 0.034Ft
9.739Ft,	0.130Ft	70% (17.085Ft) :	-0.131Ft 0.070Ft
4.865Ft,	0.082Ft	60% (14.645Ft) :	-0.141Ft 0.109Ft
0.000Ft,	0.000Ft	50% (12.204Ft) :	-0.140Ft 0.141Ft
		40% (9.763Ft) :	-0.130Ft 0.157Ft
		30% (7.321Ft) :	-0.114Ft 0.154Ft
		20% (4.883Ft) :	-0.087Ft 0.121Ft
		10% (2.437Ft) :	-0.049Ft 0.061Ft
		0% (0.000Ft) :	0.000Ft 0.000Ft

Genoa: 8000808 Jeff-2 Flicka 20 Headsail.des

Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1	0.082Ft	0.082Ft	0.082Ft
Cover 1	0.082Ft	0.082Ft	0.082Ft
Cover 2	0.082Ft	0.082Ft	0.082Ft
Cover 3	0.000Ft	0.000Ft	0.000Ft
Cover 4	0.000Ft	0.000Ft	0.000Ft

Edge Excesses

Sail:	Luff	Leech	Foot
Sail:	0.000Ft	0.000Ft	0.000Ft
Cover 0	0.230Ft	0.262Ft	0.230Ft
Cover 1	0.230Ft	0.230Ft	0.262Ft
Cover 2	0.000Ft	0.230Ft	0.230Ft
Cover 3	0.000Ft	0.230Ft	0.230Ft

Total Seam Lengths (Ft)

Horizontal	50.23
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (Ft ²)	Panels
Material 1	161.37	1,2,3,4,5 6,7

