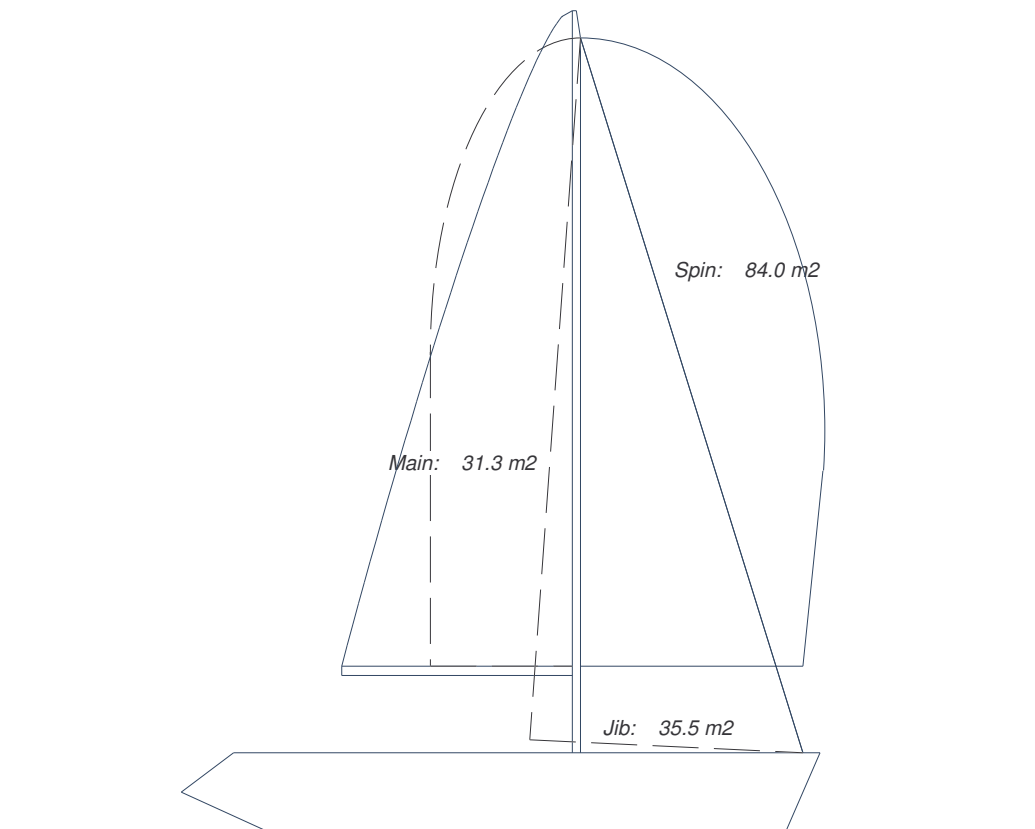


Rig and Sail Plan Cartoon





**Rig and Sail Plan Dimensions**

	<u>Main</u>		<u>Fore</u>		<u>Spin</u>
P	12.500	IG	13.630	SPL	4.240
E	4.400	J	4.240	SMW	7.630
BAD	1.650	LP	5.520	SLU	13.540
		HBI	1.500	SLE	13.540
				ISP	13.630

**Sail Inventory**

<u>Name</u>	<u>Area</u>	<u>Span</u>	<u>BaseHt</u>	<u>AFx</u>	<u>Aero</u>	<u>Base</u>
Spin	84.000	11.980	1.650	0.750	Spin_0	SPIN
Jib	35.500	13.630	0.000	1.000	Jib_0	HEAD
Main	31.250	12.500	1.650	1.000	Main_0	MAIN

**Windage Elements**

<u>Name</u>	<u>Ax</u>	<u>Ay</u>	<u>Cdx</u>	<u>Cdy</u>	<u>Ht</u>	<u>Type</u>
MastSail	1.698	2.547	0.400	1.000	5.943	mast w/sail
Hull	4.299	14.828	0.400	0.900	-0.600	hull
MainRigging	1.019	1.019	1.000	1.000	5.943	other
MastBare	1.698	2.547	0.800	1.100	5.943	mast bare

**Sail Sets and Member Sails**

<u>Downwind</u>	<u>Upwind</u>
<u>[Dn]</u>	<u>[Up]</u>
Spin	Jib
Main	Main

**Opsets**

<u>Name</u>	<u>Flotation</u>	<u>SailSet</u>	<u>VtLo</u>	<u>VtHi</u>	<u>BtLo</u>	<u>BtHi</u>	<u>VaLim</u>	<u>UpOpt</u>	<u>DnOpt</u>
Ops_Upwind	Oc 373	Upwind	4.0	30.0	0.0	130.0	99.0	*	
Ops_Downwind	Oc 373	Downwind	4.0	30.0	70.0	180.0	99.0		*

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**Notes**

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## Best Boatspeeds (kt)

	4	6	8	10	12	16	20	25	30
32.0	2.08	3.12	3.96	4.52	4.85	5.10	5.08	4.65	4.22
36.0	2.47	3.67	4.54	5.08	5.40	5.67	5.75	5.61	5.12
40.0	2.80	4.11	5.01	5.51	5.82	6.11	6.23	6.20	5.98
45.0	3.15	4.56	5.46	5.95	6.23	6.51	6.63	6.67	6.59
52.0	3.55	5.02	5.95	6.40	6.62	6.86	6.99	7.06	7.06
60.0	3.87	5.37	6.32	6.73	6.91	7.14	7.28	7.37	7.41
75.0	4.16	5.68	6.62	7.05	7.27	7.50	7.66	7.79	7.87
90.0	4.51	6.08	6.76	7.08	7.40	7.75	7.93	8.08	8.19
120.0	4.11	5.68	6.71	7.24	7.59	8.00	8.32	8.65	8.92
135.0	3.34	4.89	6.10	6.88	7.37	8.09	8.67	9.16	9.64
150.0	2.59	3.92	5.09	6.09	6.80	7.69	8.45	9.46	10.70
165.0	2.18	3.30	4.38	5.36	6.22	7.31	8.04	9.02	10.43
180.0	1.94	2.95	3.93	4.86	5.69	6.96	7.70	8.54	9.59
Up.Vs	3.26	4.55	5.31	5.69	5.92	6.15	6.28	6.41	6.46
Up.Bt	46.8	44.9	43.2	41.9	41.1	40.4	40.6	41.9	43.7
Up.Vmg	2.23	3.22	3.87	4.24	4.46	4.68	4.77	4.77	4.68
Dn.Vs	3.23	4.56	5.50	6.14	6.37	7.22	7.93	8.93	10.55
Dn.Bt	137.2	140.2	144.0	149.4	161.2	168.9	170.0	167.4	163.0
Dn.Vmg	2.37	3.50	4.45	5.28	6.03	7.08	7.81	8.71	10.09