

## A Wisp Of Wind Olson 911SE 97661

<b>Spinnaker</b>	<b>GPH: 0.789 / 671.2</b>	<b>IR#: 0.804 / 667.1</b>	<b>PHRF: 130.9</b>
<b>Non-Spin</b>	<b>GPH: 0.755 / 701.2</b>	<b>IR#: 0.789 / 679.3</b>	<b>PHRF: 143.1</b>

Class: Olson 911SE Configuration: Sail Number: 97661 Year Built: 1988 Builder: Ericson Yachts Owner(s): Meihls, John	
Certificate #: EZ11872 Valid Year: 2024 Type: New Cert Issue Date: 2024-01-09 Exp.Date: 2024-12-31 Offsets_file: US19067.OFF Cert Group: ORR-Ez SOCAL Comment:	
Rig Type: Sloop Forestay: Masthead Keel Type: Fin Prop Type: Folding Prop Install: Exposed Prop Blades: 2	
LOA: 29.87 ft LWL: 25.00 ft Rated Length: 27.69 ft Beam Max: 10.29 ft Draft: 5.67 ft Disp Empty: 8519 lbs Disp Sailing: 9960 lbs Crew: 1244 lbs Water Ballast: 0 lbs Wetted Area: 229.6 ft <sup>2</sup> LPS: 116.1 ° RM20: 571.3 ft·lbs Stab Index: 116 °	

Spinnaker:	Asymmetrical only flown with spinnaker pole
Genoa/Jib Leech:	No Roach - Leech is straight
Large Roach Headsail:	No
Jib Furler:	No
Main Roller Furling:	No

Rig Dimensions	Mainsail Meas.	Jib/Genoa Meas.	Asymmetric Spin. Meas.
IG: 42.00 ft	HB: 0.46 ft	LP: 19.02 ft	ASLU: 43.80 ft
ISP: 42.00 ft	MGT: 2.49 ft	LPG %: 154.6 %	ASLE: 39.86 ft
J: 12.30 ft	MGU: 4.46 ft	J Luff: 42.16 ft	AMG: 22.01 ft
P: 36.00 ft	MGM: 7.97 ft	J Leech: 39.25 ft	ASF: 21.75 ft
E: 11.90 ft	MGL: 10.53 ft	Area: 401.0 ft <sup>2</sup>	Area: 765.4 ft <sup>2</sup>
SPL: 12.30 ft	Area: 267.7 ft <sup>2</sup>		

## Spinnaker

### Polar Time Allowances

True Wind Speed	4 kts	6 kts	8 kts	10 kts	12 kts	16 kts	20 kts	24 kts
Opt Beat Angle	46.4	45.3	44.0	41.5	39.1	36.7	35.8	36.2
Beat VMG	1,575.42	1,141.30	937.18	833.26	783.19	737.01	720.71	720.04
52°	993.90	729.79	609.12	565.24	546.34	527.90	520.61	518.27
60°	903.57	677.11	579.76	543.36	527.06	510.56	503.58	498.29
75°	818.67	627.71	553.94	520.02	502.81	481.77	469.86	462.37
90°	787.87	604.75	534.45	500.09	482.40	458.89	443.85	434.27
110°	791.87	610.35	542.46	507.82	481.78	439.37	417.18	402.02
120°	852.23	645.99	561.40	524.58	497.15	452.24	410.83	386.17
135°	1,150.75	797.27	630.14	563.84	528.06	477.83	436.44	392.72
150°	1,409.38	975.19	760.21	631.51	566.89	503.39	460.19	421.27
165°	1,571.96	1,087.69	847.90	704.01	611.02	526.15	478.98	440.86
Run VMG	1,627.41	1,126.06	877.81	728.85	632.58	540.34	490.30	451.71
Opt Run Angle	130.7	137.1	147.6	151.5	164.3	173.1	173.4	172.8

### Benchmark Ratings

	TOT (Spin)	TOD (Spin)
GPH	0.789	671.2
IR#	0.804	667.1

### Performance Metrics

SA/D Dnwind:	35.710
SA/D Average:	29.54
SA/D Upwind:	23.370
D/Length:	209.5
Ave Perf Screen:	14.100
DnWind Perf	17.0
Screen:	

### PCS Ratings

	4 kts	6 kts	8 kts	10 kts	12 kts	16 kts	20 kts	24 kts
RANDOM LEG	1,286.8	921.0	745.6	651.8	597.9	542.6	514.8	497.4
W50/L50	1,632.4	1,154.2	921.6	793.0	718.0	645.6	611.5	591.7
W60/L40	1,628.4	1,156.6	928.2	804.0	733.1	665.4	634.8	618.8
MOSTLY WW	1,663.2	1,188.3	960.0	837.8	769.4	704.5	680.6	674.6
MOSTLY LW	1,432.0	1,009.0	802.4	686.9	615.3	534.4	488.8	459.2
MOSTLY REACH	1,174.4	846.3	690.7	609.5	563.3	515.6	489.8	471.4

## Non-Spinnaker

### Polar Time Allowances

True Wind Speed	4 kts	6 kts	8 kts	10 kts	12 kts	16 kts	20 kts	24 kts
Opt Beat Angle	46.4	45.3	44.0	41.5	39.1	36.7	35.8	36.2
Beat VMG	1,575.42	1,141.30	937.18	833.26	783.19	737.01	720.71	720.04
52°	993.90	729.79	609.12	565.24	546.34	527.90	520.61	518.27
60°	903.57	677.11	579.76	543.36	527.06	510.56	503.58	500.92
75°	816.64	627.71	555.80	521.99	503.41	486.79	478.77	474.71
90°	808.64	623.50	554.42	521.31	497.75	470.86	460.56	454.26
110°	923.95	691.18	590.47	550.58	523.18	482.39	449.92	435.30
120°	1,052.45	770.94	641.59	577.78	544.11	497.64	461.82	431.69
135°	1,430.16	983.23	761.20	649.18	582.00	518.13	476.47	441.17
150°	1,704.87	1,140.90	858.94	712.10	618.63	533.05	486.35	449.53
165°	1,774.97	1,193.52	902.91	738.89	636.92	536.61	485.42	445.91
Run VMG	1,793.99	1,205.87	911.92	746.01	642.96	541.96	490.84	451.71
Opt Run Angle	171.9	171.9	172.0	172.1	172.0	173.2	173.4	172.8

### Benchmark Ratings

	TOT (Non-Spin)	TOD (Non-Spin)
GPH	0.755	701.2
IR#	0.789	679.3

### Performance Metrics

SA/D:	23.37
D/Length:	209.5
Perf Screen:	11.2

### PCS Ratings

	4 kts	6 kts	8 kts	10 kts	12 kts	16 kts	20 kts	24 kts
RANDOM LEG	1,374.4	976.4	783.7	680.2	619.8	558.8	530.1	513.9
W50/L50	1,706.8	1,192.5	939.5	802.1	723.2	646.6	611.8	591.6
W60/L40	1,687.5	1,187.3	942.6	811.3	737.2	666.2	635.0	618.8
MOSTLY WW	1,678.1	1,197.3	965.8	841.9	772.2	706.3	682.4	676.5
MOSTLY LW	1,562.1	1,087.5	853.4	722.5	642.7	555.4	508.5	475.6
MOSTLY REACH	1,267.6	906.0	732.4	640.9	588.0	534.8	508.4	493.2

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Spinnaker

Standard 5 Winds

	TOT (Spin)					TOD (Spin)				
	V.Light <5	Light 5-7	Lt/Med 7-9	Medium 9-15	Heavy >15	V.Light <5	Light 5-7	Lt/Med 7-9	Medium 9-15	Heavy >15
RANDOM LEG	0.404	0.529	0.674	0.812	1.004	1,286.8	984.5	772.8	641.4	518.3
W50/L50	0.389	0.513	0.664	0.815	1.030	1,632.4	1,236.1	956.3	778.6	616.2
W60/L40	0.398	0.523	0.673	0.819	1.013	1,628.4	1,237.7	962.9	791.1	639.7
MOSTLY WW	0.413	0.541	0.690	0.832	1.001	1,663.2	1,270.5	995.4	826.0	686.6
MOSTLY LW	0.369	0.489	0.635	0.789	1.070	1,432.0	1,081.1	832.8	669.9	494.1
MOSTLY REACH	0.413	0.537	0.679	0.808	0.986	1,174.4	903.8	715.5	600.7	492.3

Standard Single Wind

	TOT (Spin) Single	TOD (Spin) Single
RANDOM LEG	0.786	662.3
W50/L50	0.786	807.3
W60/L40	0.790	820.3
MOSTLY WW	0.802	856.8
MOSTLY LW	0.767	689.5
MOSTLY REACH	0.784	619.2

Legacy 4 Winds

	TOT (Spin)				TOD (Spin)			
	V.Light	Light	Medium	Heavy	V.Light	Light	Medium	Heavy
RANDOM LEG	0.374	0.594	0.795	0.929	1,286.8	809.9	604.4	517.4
W50/L50	0.360	0.585	0.808	0.956	1,632.4	1,005.8	727.7	615.1
W60/L40	0.369	0.594	0.809	0.941	1,628.4	1,011.3	742.3	638.5
MOSTLY WW	0.378	0.603	0.808	0.919	1,663.2	1,043.6	778.4	685.1
MOSTLY LW	0.339	0.554	0.780	0.986	1,432.0	876.8	623.1	492.8
MOSTLY REACH	0.384	0.602	0.792	0.916	1,174.4	748.2	568.9	491.6

Non-Spinnaker

Standard 5 Winds

	TOT (Non-Spin)					TOD (Non-Spin)				
	V.Light <5	Light 5-7	Lt/Med 7-9	Medium 9-15	Heavy >15	V.Light <5	Light 5-7	Lt/Med 7-9	Medium 9-15	Heavy >15
RANDOM LEG	0.379	0.498	0.640	0.779	0.974	1,374.4	1,044.8	813.4	668.3	534.3
W50/L50	0.372	0.496	0.649	0.806	1.029	1,706.8	1,279.6	978.1	787.4	616.7
W60/L40	0.384	0.509	0.661	0.812	1.012	1,687.5	1,272.5	980.4	798.2	640.0
MOSTLY WW	0.409	0.537	0.686	0.828	0.998	1,678.2	1,280.4	1,001.7	829.8	688.4
MOSTLY LW	0.339	0.453	0.596	0.751	1.030	1,562.1	1,167.7	887.8	704.4	513.2
MOSTLY REACH	0.383	0.501	0.639	0.770	0.948	1,267.6	968.7	759.8	630.7	512.1

Standard Single Wind

	TOT (Non-Spin) Single	TOD (Non-Spin) Single
RANDOM LEG	0.753	691.5
W50/L50	0.775	819.3
W60/L40	0.781	829.9
MOSTLY WW	0.798	861.0
MOSTLY LW	0.726	728.3
MOSTLY REACH	0.745	651.8

Legacy 4 Winds

	TOT (Non-Spin)				TOD (Non-Spin)			
	V.Light	Light	Medium	Heavy	V.Light	Light	Medium	Heavy
RANDOM LEG	0.350	0.563	0.766	0.902	1,374.4	854.2	627.3	533.2
W50/L50	0.345	0.570	0.802	0.956	1,706.8	1,031.7	733.3	615.4
W60/L40	0.356	0.582	0.804	0.940	1,687.5	1,032.1	746.9	638.8
MOSTLY WW	0.375	0.599	0.805	0.916	1,678.2	1,050.6	781.4	686.9
MOSTLY LW	0.311	0.518	0.746	0.949	1,562.1	937.7	651.7	512.0
MOSTLY REACH	0.355	0.566	0.758	0.881	1,267.6	796.3	594.6	511.2

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## Spinnaker

### PHRF Benchmark

130.9

*Aligned Ratings are based on the Farr 40 MH as Scratch Boat.*

### PHRF Single Wind

RANDOM LEG	141.8
W50/L50	172.6
W60/L40	172.5
MOSTLY WW	169.7
MOSTLY LW	160.7
MOSTLY REACH	133.7

### PHRF 5 Winds

	V.Light <5	Light 5-7	Lt/Med 7-9	Medium 9-15	Heavy >15
RANDOM LEG	297.9	222.3	168.1	133.7	115.2
W50/L50	424.9	307.5	219.9	159.0	128.3
W60/L40	408.9	299.2	217.4	160.2	129.6
MOSTLY WW	356.6	268.5	204.8	162.0	132.3
MOSTLY LW	370.2	270.1	198.3	151.0	123.1
MOSTLY REACH	267.6	201.8	155.0	126.6	110.7

## Non-Spinnaker

### PHRF Benchmark

143.1

*Aligned Ratings are based on the Farr 40 MH as Scratch Boat.*

### PHRF Single Wind

RANDOM LEG	171.0
W50/L50	184.6
W60/L40	182.1
MOSTLY WW	173.9
MOSTLY LW	199.5
MOSTLY REACH	166.3

### PHRF 5 Winds

	V.Light <5	Light 5-7	Lt/Med 7-9	Medium 9-15	Heavy >15
RANDOM LEG	385.5	282.6	208.7	160.6	131.2
W50/L50	499.3	351.0	241.7	167.8	128.8
W60/L40	468.0	334.0	234.9	167.3	129.9
MOSTLY WW	371.6	278.4	211.1	165.8	134.1
MOSTLY LW	500.3	356.7	253.3	185.5	142.2
MOSTLY REACH	360.8	266.7	199.3	156.6	130.5