

# Bay Area Multihull Association 2011 Rating Certificate



The BAMA Ratings Committee has no responsibility for the seaworthiness or safety of yachts rated, but cites US SAILING Fundamental Rule 4, "It shall be the sole responsibility of each yacht to decide whether or not to start or to continue to race."

PHRF **0** provisional

TCF **0.892** preliminary

May 25, 2011

Boat Name	<b>Water Wings</b>	Name	<b>J. Lawson</b>
Sail Number	<b>173</b>	Street	
Boat Model	<b>Corsair 31RS</b>	City, State, Zip	<b>Klamath Falls, OR</b>
Manufacturer	<b>Corsair Marine</b>	Email Address:	

Descriptions of terms used below for sails, hull measurement and sailing weight are on following pages. Where possible, please give measurements in metric or feet and decimals. Please provide accurate drawings or pictures showing side and end views of your boat from deck to bottom and attach to this application if a modified or custom boat.

Mainsail Calvert		Jib / Genoa Elliott Pattison		Screacher	
Area: 435ft <sup>2</sup> imperial	<b>435</b>	40.39	Area: imperial,ctoa	<b>214</b>	19.88 yes/no <b>no</b>
P (luff, S1 VLM)	<b>40.58</b>	12.37	Luff Length (S1)	<b>34.30</b>	10.45 Area:
E (foot, S2)	<b>14.30</b>	4.36	LPG (H1)	<b>12.00</b>	3.66 Scr.Luff1
MGH	<b>3.17</b>	0.97	Leach (S2)	<b>0.00</b>	0.00 LPG
MGT	<b>6.00</b>	1.83	Foot (S3)	<b>0.00</b>	0.00 Scr.Luff2 (leach)
MGU	<b>8.92</b>	2.72	Lu.roach (+/- P1)	<b>0.00</b>	0.00 Scr.MG
MGM	<b>12.05</b>	3.67	Le.roach (+/- P2)	<b>0.00</b>	0.00 Scr.Foot
MastCirc (if rotating)	<b>0.554</b>		Ft.roach (+/- P3)	<b>0.00</b>	0.00
Full Batten or Soft	<b>Full</b>		Mid-Girth		SMG as % SF <b>0%</b>

Asymmetric Spin		Symmetric Spin (largest)		Other	
Area: imperial	<b>1005</b>	93.37	Area:		MastheadSpin(yes/no) <b>no</b>
SLU (luff perimeter)	<b>45.20</b>	13.78	SL		MastheadScr.(yes/no) <b>no</b>
SLU (leech perimeter)	<b>39.70</b>	12.10	SSMG		
SF (foot.perimeter)	<b>29.75</b>	9.07	SSF (foot.perimeter)		Rigging (SS, synthetic) <b>synthetic</b>
SMG	<b>28.07</b>	8.56			Holding Tank(s) <b>yes</b>
					Canting Rig <b>no</b>
SMG as % SF	<b>94%</b>		SMG as % SF	<b>0%</b>	

US Sailing and/or ISAF ERS methods of sail measurement may apply above, not class rules. Maximum Sail Areas and Longest Luff Lengths from Class Rules will be assumed if not provided. Weight Sailing will be lightest boat in Class unless weighed.

Hull		Hull - Foils		Displacement (Load,cell metric or Mfg Displ)	
Length Overall	<b>30.83</b>	9.40	Daggerboard (y/n)	<b>yes</b>	WM: boat sails, motor <b>4,122</b>
Waterline	<b>30.00</b>	9.14	Centerboard (y/n)	<b>no</b>	CG Safety, dry(gas,h2o)
Maximum Beam	<b>22.42</b>	6.83	Ctbd Fairing (y/n)		WE included
Maximum Draft	<b>5.50</b>	1.68	Keel(s) (y/n)		Wt Sailing <b>4,122</b>
FOC Fwd Overhang	<b>0.14</b>		Lifting Foils (y/n)	<b>no</b>	WCD Weight Crew <b>auto.calc</b>
AOC Aft Overhang	<b>0.00</b>	0.00			Declared
					Rated Weight <b>4,122</b>

Engine(s)		Propeller (s)	
Inboard (hp x type)	<b>none</b>	1 x feather/fold	2 x feather/fold (0.970)
Outboard (hp x type)	<b>1 x 9.9 hp</b>	1 x fixed (blades)	2 x fixed (blades)

**Notes/modifications** Describe modifications / comments/ trapeze(#) or hiking straps below  
 05/24/11: WM 4,122 lb assumed equal to Roshambo, C-31R #135 head, holding tank, curtain enclosed, Aluminum Mast, Leneman section, MC ok. Calvert Main, Asym at Class Max Areas, Elliott Patison jib not max. Class Sail Area; it is medium Le.Roach, w/o roller-furling. No screacher. 2011 Delta Ditch Run: offer load cell before race.

I certify that my vessel conforms to the configuration indicated above and understand that a BAMA ratings certificate will be issued based on this information, valid only for the indicated configuration.  
 Electronically  
 Signature of Owner **J. Lawson** Date **5/20/2011**

**Certificate Expires December 31, 2011.**

Authorized Signature

Jon Green  
 2011 Ratings Chair  
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