

**US PHRF of Southeast Florida, Inc.**  
**2017 Rating Certificate # 17-0129112**  
[www.phrfsef.com](http://www.phrfsef.com)

**Date Issued:** 1/1/2017  
**Valid until** 12/31/2017  
**US PHRF/SEF**  
**PO Box 820003** Pembroke Pines, FL 33082-0003

**Rating:** 90  
**Spinnaker:** Asymetrical

**Boat Name:** KIVA  
**Owner:** John Bell  
**USSA Member #:** 166698m

**Sail #:** 60168  
**Club Affiliation:** Bristol Yacht Club

**Hull Information**

*Boat Type:* 2000 Aerodyne 47      *Length Overall:* 46.6  
*Keel Type:* Fin      *Waterline Length:* 42.1  
*Engine:* SailDrive      *Beam:* 14.3  
*Prop type:* Feathering      *Draft Keel/CB:* 6.7  
*Displacement:* 31500 lbs.      *Ballast:* 10330 lbs.

**Rig Information**

*Type:* Fractional      *Material:* Aluminum  
*Headsail %:* 100      *LP:* 18.2      *Spinnaker girth % of J:* 167.  
*I:* 53.8      *J:* 18.2      *P:* 51.7      *E:* 18.4  
*SPL:* .0      *ISP:* 53.8      *Jc:* 18.2  
*Total Upwind SA:* 1172.3      *Total Downwind SA:* 2035.1

**Penalty/Credit Information**

LP mod	RFH	RFJ	CRFJ	M-HL	M-VB	SFlash	OS-SPL	OS-Spin	OS-Main
0	0	4	0	0	0	0	0	0	0
<i>Prop Mod:</i>		<i>Cruising Accom. Credit:</i>			<i>Modifications:</i>				
0		6			-1				

**Remarks:**

*Base Rating:* 81      *Adjustments:* 9      *Final Rating:* 90      *Crew Limit:* 12  
*Disp-Ballast Ratio:* .33      *DLR:* 188.73  
*Upwind SA/D:* 18.81      *Downwind SA/D:* 32.65      *SA/D ratio UP/DW:* .58

**Endorsed by, US PHRF/SEF Chief Handicapper**

**Inspect this document carefully; you are obligated to immediately report in writing any errors to the US PHRF/SEF Chief Handicapper or your Regional Handicapper. Owner Certification, Waiver, Release and Covenant not to sue:** I agree to race the boat described in this document as specified under regulations and rules of UNITED STATES PERFORMANCE HANDICAP RACING FLEET / SOUTHEAST FLORIDA, INC. (herein and hereafter designated PHRF/SEF) and rules in the latest edition of the *Racing Rules of Sailing* as published by *US Sailing*. Furthermore, I will immediately inform the PHRF/SEF President in writing of any changes to the boat's description and its specifications as they appear in this document. *Moreover, I understand that I may not sail competitively until a new certificate is issued by PHRF/SEF which reflects any change. I also acknowledge that all activities of PHRF/SEF are undertaken by volunteers using their own time and funds for their efforts in consideration and assignment of the handicap and waive, releases, and cancels any and all claims I may have against PHRF/SEF, its officers, directors, trustees, and committee members, measurers, agents, and representatives arising out of the functions and activities of PHRF/SEF and actions of persons fulfilling the offices named above, and I do further covenant and agree not to sue or bring claim of any nature whatsoever against PHRF/SEF and all other persons acting on behalf of PHRF/SEF relating to any performance of PHRF/SEF functions and activities. I further acknowledge that participation in the sport of sailing wind driven boats in competitive events is an inherently dangerous sport in which I have freely chosen to engage.*

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*(Signature of Owner) (Date)*

**NOTE:** Utilization of certificate implies that you agree to the terms and conditions contained on each certificate.