

**US PHRF of Southeast Florida, Inc.  
2017 Rating Certificate # 10-120110**

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

**Rating:** 46  
**Spinnaker:** Asymmetric

**Boat Name:** THIN ICE  
**Owner:** Stuart Hebb  
**USSA Member #:**

**Sail #:** 7  
**Club Affiliation:** Coral Reef Yacht Club

**Hull Information**

**Boat Type:** Aerodyne 38  
**Keel Type:** Shoal Draft  
**Engine:** Saildrive  
**Prop type:** Folding  
**Displacement:** 13250 lbs.

**Length Overall:** 37.7  
**Waterline Length:** 34.2  
**Beam:** 13.  
**Draft Keel/CB:** 5.9/  
**Ballast:** 4650 lbs.

**Rig Information**

**Type:** Fractional **Material:** Carbon  
**Headsail %:** 105 **LP:** 15.2 **Spinnaker girth % of J:** 258.6  
**I:** 50.8 **J:** 14.5 **P:** 51.8 **E:** 16.5  
**SPL:** .0 **ISP:** 56.4 **Jc:** 20.8  
**Total Upwind SA:** 943. **Total Downwind SA:** 2342.1

**Penalty/Credit Information**

LP mod	RFH	RFJ	CRFJ	M-HL	M-VB	SFlash	OS-SPL	OS-Spin	OS-Main
0	-2	0	0	0	0	0	0	0	0
<b>Prop Mod:</b>		<b>Cruising Accom. Credit:</b>			<b>Modifications:</b>				
0		0			6				

**Remarks:**

**Base Rating:** 42 **Adjustments:** 4 **Final Rating:** 46 **Crew Limit:** 11  
**Disp-Ballast Ratio:** .35 **DLR:** 147.74  
**Upwind SA/D:** 26.94 **Downwind SA/D:** 66.93 **SA/D ratio UP/DW:** .4

**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.*

(Signature of Owner) (Date)

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