

# US PHRF of Southeast Florida, Inc. 2019 Rating Certificate # 10-120110

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Date Issued: 1/1/2019  
Valid until 12/31/2019  
US PHRF/SEF  
PO Box 820003 Pembroke Pines, FL 33082-0003

Rating: 46  
Spinnaker: Asymmetric

Boat Name: THIN ICE  
Owner: Stuart Hebb  
USSA Member #: 7

Sail #: 7  
Club Affiliation: Coral Reef Yacht Club

### Hull Information

Boat Type: Aerodyne 38  
Keel Type: Shoal Draft  
Engine: Saildrive  
Prop type: Folding  
Displacement: 13,250 lbs.

Length Overall: 37.66  
Waterline Length: 34.21  
Beam: 13.  
Draft Keel/CB: 5.92/  
Ballast: 4,650 lbs.

### Rig Information

Type: Fractional  
Material: Carbon  
Headsail %: 105  
LP: 15.23  
I: 50.82 J: 14.5 P: 51.75 E: 16.5  
SPL: .0 ISP: 56.43 Jc: 20.83  
Total Upwind SA: 943  
Total Downwind SA: 2,342

Spinnaker girth % of J: 259

### 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
Prop Mod:		Cruising			Modifications:				
0		Accommodation Credit:			6				

Remarks: Note: Excluding the declaration of Non Spinnaker the maximum adjustments is limited to 30

Base Rating: 42      Adjustments: 4      Final Rating: 46      Crew Limit: 11  
Disp-Ballast Ratio: .35      DLR: 148  
Upwind SA/D: 26.9      Downwind SA/D: 66.9      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 Chief Handicapper 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 this certificate implies that you agree to the terms and conditions contained on this certificate regardless of acknowledge signature.