

**US PHRF of Southeast Florida, Inc.**  
**2025 Rating Certificate # 15-1109445**  
[www.phrfsef.com](http://www.phrfsef.com)

Date Issued: 1/1/2025  
 Valid until 12/31/2025  
 US PHRF/SEF

Rating: 162  
 Spinnaker: Symmetric

Boat Name: Sudaka  
 Owner: Carlos Mandiola  
 USSA Member #: 22838

Sail #: 22838  
 Club Affiliation: Key Biscayne Yacht Club

**Hull Information**

Boat Type: 1979 J 30  
 Keel Type: Fin  
 Engine: inboard  
 Prop type: Folding  
 Displacement: 6,500 lbs.

Length Overall: 29.92  
 Waterline Length: 25.  
 Beam: 11.18  
 Draft Keel/CB: 5.30/  
 Ballast: 2,100 lbs.

**Rig Information**

Type: Fractional  
 Headsail %: 110  
 I: 34. J: 11.5 P: 38. E: 13.  
 SPL: 11.5 ISP: 34. Jc: .0  
 Total Upwind SA: 530  
 Material: Aluminum  
 LP: 12.65  
 Total Downwind SA: 889

Spinnaker girth % of J: 180

**Penalty/Credit Information**

LP mod	RFH	RFJ	CRFJ	M-HL	M-VB	SFlash	OS-SPL	OS-Spin	OS-Main
9	0	0	9	0	0	0	0	0	0
Prop Mod:		Cruising Accommodation Credit:			Modifications:				
0		0			0				

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

Base Rating: 144      Adjustments: 18      Final Rating: 162      Crew Limit: 13  
 Disp-Ballast Ratio: .32      DLR: 186  
 Upwind SA/D: 24.4      Downwind SA/D: 40.8      SA/D ratio UP/DW: .6

**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.