

US PHRF of Southeast Florida, Inc.
2024 Rating Certificate # 24-0410443
www.phrfsef.com

Date Issued: 1/1/2024
Valid until 12/31/2024
US PHRF/SEF

Rating: 114
Spinnaker: Asymmetric

Boat Name: Makai
Owner: Cork Friedman
USSA Member #: 315

Sail #: 315

Club Affiliation: Palm Beach Sailing Club

Hull Information

Boat Type: Open 5.70
Keel Type: Fin
Engine: Outboard
Prop type:
Displacement: 992 lbs.

Length Overall: 18.75
Waterline Length: 18.75
Beam: 8.
Draft Keel/CB: 4.00/
Ballast: 397 lbs.

Rig Information

Type: Fractional **Material:** Carbon
Headsail %: 100 **LP:** 7.30
I: 21.52 **J:** 7.3 **P:** 25.33 **E:** 10.24
SPL: .0 **ISP:** 22. **Jc:** 11.
Total Upwind SA: 272 **Total Downwind SA:** 599

Spinnaker girth % of J: 271

Penalty/Credit Information

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

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

Base Rating: 114
Disp-Ballast Ratio: .4
Upwind SA/D: 43.8

Adjustments: 0
DLR: 67
Downwind SA/D: 96.3

Final Rating: 114
SA/D ratio UP/DW: .45

Crew Limit: 3

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.