

US PHRF of Southeast Florida, Inc.
2022 Rating Certificate # 22-1102111
www.phrfsef.com

Date Issued: 1/1/2022
 Valid until 12/31/2022
 US PHRF/SEF

Rating: 150
 Spinnaker: Asymmetric

Boat Name: Echo
 Owner: Michael Lingswiler
 USSA Member #:

Sail #:
 Club Affiliation:

Hull Information

Boat Type: 2005 Custom 40' Cat rigged Sloop Length Overall: 35.5
 Keel Type: Fin Waterline Length: 39.92
 Engine: Inboard Beam: 12.
 Prop type: Fixed 3 Blade Draft Keel/CB: 6.00/
 Displacement: 9,800 lbs. Ballast: 3,000 lbs.

Rig Information

Type: Cat Material: Carbon
 Headsail %: 106 LP: 12.54 Spinnaker girth % of J: 193
 I: 37.75 J: 11.83 P: 44.67 E: 16.
 SPL: ISP: 44.16 Jc: 16.
 Total Upwind SA: 607 Total Downwind SA: 1,058

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:				
6		Accommodation Credit:			0				

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

Base Rating: 142 Adjustments: 8 Final Rating: 150 Crew Limit: 11
 Disp-Ballast Ratio: .31 DLR: 69
 Upwind SA/D: 21.2 Downwind SA/D: 37. SA/D ratio UP/DW: .57

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.