

US PHRF of Southeast Florida, Inc.
2016 Rating Certificate # 11_100209
www.phrfsef.com

Date Issued: 1/1/2016
Valid until: 12/31/2016
US PHRF/SEF
PO Box 820003 Pembroke Pines, FL 33082-0003

Rating: 98
Spinnaker: Symmetric

Boat Name: MACUSHLA
Owner: Joel Andrews
USSA Member #: 411033G

Sail #: 53225
Club Affiliation: US Sailing

Hull Information

Boat Type: 1985 BENETEAU FIRST CLASS 10
Keel Type: Fin
Engine: Inboard
Prop type: Feathering
Displacement: 5500 lbs.

Length Overall: 34.3
Waterline Length: 30.1
Beam: 9.8
Draft Keel/CB: 5.9/
Ballast: 2200 lbs.

Rig Information

Type: Fractional
Headsail %: 135
I: 37.5
SPL: 12.9
Total Upwind SA: 701.4
Material: Aluminum
LP: 17.4
P: 40.
E: 15.1
Jc: .0
Total Downwind SA: 1178.
Spinnaker girth % of J: 180.

Penalty/Credit Information

LP mod	RFH	RFJ	CRFJ	M-HL	M-VB	SFlash	OS-SPL	OS-Spin	OS-Main
6	0	0	0	0	0	0	0	-4	-3
Prop Mod:			Cruising Accom. Credit:			Modifications:			
0			0			0			

Remarks:

Base Rating: 99
Disp-Ballast Ratio: .4
Upwind SA/D: 36.02
Adjustments: -1
DLR: 90.04
Downwind SA/D: 60.49
Final Rating: 98
Crew Limit: 9
SA/D ratio UP/DW: .6

Endorsed by Russ Horn, 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.