

**US PHRF of Southeast Florida, Inc.**  
**2021 Rating Certificate # 12-2357321**  
[www.phrfsef.com](http://www.phrfsef.com)

**Date Issued:** 1/1/2021  
**Valid until** 12/31/2021  
**US PHRF/SEF**  
**PO Box 820003 Pembroke Pines, FL 33082-0003**

**Rating:** 144  
**Spinnaker:** Asymmetric

**Boat Name:** Silhouette  
**Owner:** David Caso  
**USSA Member #:** 42605

**Sail #:** 42605  
**Club Affiliation:** Duxbury Ocean Racing Club

**Hull Information**

**Boat Type:** 1989 Cherubini 44 Ketch  
**Keel Type:** Fin  
**Engine:** Inboard  
**Prop type:** Feathering  
**Displacement:** 29,800 lbs.

**Length Overall:** 43.71  
**Waterline Length:** 40.  
**Beam:** 12.  
**Draft Keel/CB:** 4.87/  
**Ballast:** 12,000 lbs.

**Rig Information**

**Type:** Ketch **Material:** Aluminum  
**Headsail %:** 123 **LP:** 24.39  
**I:** 51.78 **J:** 19.83 **P:** 45.15 **E:** 15.9  
**SPL:** 19.93 **ISP:** 51.78 **Jc:** .0  
**Total Upwind SA:** 1,117 **Total Downwind SA:** 1,869

**Spinnaker girth % of J:** 173

**Penalty/Credit Information**

LP mod	RFH	RFJ	CRFJ	M-HL	M-VB	SFlash	OS-SPL	OS-Spin	OS-Main
6	0	0	9	0	0	0	0	0	0
<b>Prop Mod:</b>		<b>Cruising</b>			<b>Modifications:</b>				
0		<b>Accommodation Credit:</b>			0				

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

**Base Rating:** 129 **Adjustments:** 15 **Final Rating:** 144 **Crew Limit:** 12  
**Disp-Ballast Ratio:** .4 **DLR:** 208  
**Upwind SA/D:** 18.6 **Downwind SA/D:** 31.1 **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.**