

**US PHRF of Southeast Florida, Inc.  
2015 Rating Certificate # 15-2145699**

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Date Issued: 1/1/2015  
Valid until 12/31/2015  
US PHRF/SEF  
PO Box 820003 Pembroke Pines, FL 33082-0003

Rating: 174  
Spinnaker: Symmetric

Boat Name: Xanadu  
Owner: Michael O'Brien  
USSA Member #:

Sail #: 2665  
Club Affiliation:

**Hull Information**

Boat Type: 1967 Morgan 40  
Keel Type: Full  
Engine: Inboard  
Prop type: Fixed 2 blade  
Displacement: 19200 lbs.

Length Overall: 39.3  
Waterline Length: 27.8  
Beam: 10.7  
Draft Keel/CB: 4.5/  
Ballast: 7400 lbs.

**Rig Information**

Type: Masthead  
Headsail %: 180  
I: 43.5  
SPL: 15.  
Total Upwind SA: 1093.9

Material: Aluminum  
LP: 27.  
P: 39.5  
J: 15.  
E: 19.5  
Jc: .0  
Total Downwind SA: 1392.8

Spinnaker girth % of J: 176.7

**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	0	0
Prop Mod:		Cruising Accom. Credit:			Modifications:				
3		3		0					

Remarks:

Base Rating: 174  
Disp-Ballast Ratio: .39  
Upwind SA/D: 24.41

Adjustments: 0  
DLR: 401.11  
Downwind SA/D: 31.08

Final Rating: 174  
SA/D ratio UP/DW: .79

Crew Limit: 11

**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.