

**US PHRF of Southeast Florida, Inc.**  
**2015 Rating Certificate # 15-7892201**  
[www.phrfsef.com](http://www.phrfsef.com)

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

Rating: 162  
Spinnaker: Flasher

Boat Name: Koru  
Owner: Mark & Deborah Menagh  
USSA Member #:

Sail #: 1885  
Club Affiliation: Hillsboro Inlet Sailing Club

**Hull Information**

Boat Type: 2000 Catalina 36 MK II  
Keel Type: Fin  
Engine: Inboard  
Prop type: Fixed 3 blade  
Displacement: 14100 lbs.

Length Overall: 30.3  
Waterline Length: 36.3  
Beam: 11.9  
Draft Keel/CB: 4.6/  
Ballast: 6600 lbs.

**Rig Information**

Type: Masthead  
Material: Aluminum  
Headsail %: 135  
LP: 19.3  
Spinnaker girth % of J: 165.  
I: 44.8  
J: 14.3  
P: 39.  
E: 12.  
SPL: 14.3  
ISP: 44.8  
Jc: 14.3  
Total Upwind SA: 741.7  
Total Downwind SA: 1140.9

**Penalty/Credit Information**

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

**Remarks:**

Base Rating: 140  
Adjustments: 22  
Final Rating: 162  
Crew Limit: 9  
Disp-Ballast Ratio: .47  
DLR: 131.27  
Upwind SA/D: 20.33  
Downwind SA/D: 31.28  
SA/D ratio UP/DW: .65

**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.