

**US PHRF of Southeast Florida, Inc.  
2018 Rating Certificate # 16-0133231**

[www.phrfsef.com](http://www.phrfsef.com)

Date Issued: 1/1/2018  
Valid until 12/31/2018  
US PHRF/SEF  
PO Box 820003 Pembroke Pines, FL 33082-0003

Rating: -11  
Spinnaker: ASYMMETRIC

Boat Name: Longbow  
Owner: FK Day  
USSA Member #: 143

Sail #: 143  
Club Affiliation: Columbia Yacht Club

**Hull Information**

Boat Type: Class 40  
Keel Type: Fin  
Engine: Saildrive  
Prop type: Folding  
Displacement: 10,000 lbs.

Length Overall: 40.  
Waterline Length: 39.7  
Beam: 13.58  
Draft Keel/CB: 10.00/  
Ballast: 4,000 lbs.

**Rig Information**

Type: Fractional  
Material: Carbon  
Headsail %: 105  
LP: 20.21  
I: 56.31 J: 19.25 P: 55.03 E: 16.3  
SPL: .0 ISP: 58.3 Jc: 18.08  
Total Upwind SA: 1,286 Total Downwind SA: 2,292

Spinnaker girth % of J: 169

**Penalty/Credit Information**

LP mod	RFH	RFJ	CRFJ	M-HL	M-VB	SFlash	OS-SPL	OS-Spin	OS-Main
0	0	0	0	0	0	0	0	0	0
Prop Mod:		Cruising			Modifications:				
		Accommodation Credit:							
0	0	0	0	0	0	0	0	0	0

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

Base Rating: -11      Adjustments: 0      Final Rating: -11      Crew Limit: 12  
Disp-Ballast Ratio: .4      DLR: 71  
Upwind SA/D: 44.3      Downwind SA/D: 79.      SA/D ratio UP/DW: .56

**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.