

US PHRF of Southeast Florida, Inc.
2013 Rating Certificate # 10-1288129
www.phrfsef.com

Date Issued: 1/1/2013
 Valid until 12/31/2013
 US PHRF/SEF
 PO Box 820003 Pembroke Pines, FL 33082-0003

Rating: **81**
 Spinnaker: **Asymmetric**

Boat Name: **Loki**
 Owner: **David Bond**
 USSA Member #: **663229S**

Sail #: **50803**
 Club Affiliation:

Hull Information

Boat Type: **J 105**
 Keel Type: **Fin**
 Engine: **Inboard**
 Prop type: **Folding**
 Displacement: **7,750 lbs.**

Length Overall: **34.5**
 Waterline Length: **29.5**
 Beam: **11.**
 Draft Keel/CB: **6.5/**
 Ballast: **3,400 lbs.**

Rig Information

Type: **Fractional** Material: **Aluminum**
 Headsail %: **135** LP: **18.2** Spinnaker girth % of J: **221.5**
 I: **40.6** J: **13.5** P: **41.5** E: **14.6**
 SPL: **19.** ISP: **42.1** Jc: **19.**
 Total Upwind SA: **771.7** Total Downwind SA: **1523.2**

Penalty/Credit Information

| LP mod | RFH | RFJ | CRFJ | M-HL | M-VB | SFlash | OS-SPL | OS-Spin | OS-Main |
|-----------|-----|-------------------------|------|------|----------------|--------|--------|---------|---------|
| -3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -6 | -2 |
| Prop Mod: | | Cruising Accom. Credit: | | | Modifications: | | | | |
| 0 | | 0 | | | -1 | | | | |

Remarks: Sailing with no drum or swivel

Base Rating: **93** Adjustments: **-12** Final Rating: **81** Crew Limit: **9**
 Disp-Ballast Ratio: **.44** DLR: **134.77**
 Upwind SA/D: **31.53** Downwind SA/D: **62.23** SA/D ratio UP/DW: **.51**

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.