

**US PHRF of Southeast Florida, Inc.**  
**2014 Rating Certificate # 10-1288129**  
[www.phrfsef.com](http://www.phrfsef.com)

Date Issued: 1/1/2014  
 Valid until 12/31/2014  
 US PHRF/SEF  
 PO Box 820003 Pembroke Pines, FL 33082-0003

Rating: **84**  
 Spinnaker: **Asymmetric**

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

Sail #: **50803**  
 Club Affiliation:

**Hull Information**

Boat Type: **1997 J 105**  
 Keel Type: **Fin**  
 Engine: **Inboard**  
 Prop type: **Folding**  
 Displacement: **7750 lbs.**

Length Overall: **34.5**  
 Waterline Length: **29.5**  
 Beam: **11.**  
 Draft Keel/CB: **6.5/**  
 Ballast: **3400 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      | 0       | -2      |
| Prop Mod: |     | Cruising Accom. Credit: |      |      | Modifications: |        |        |         |         |
| 0         |     | 0                       |      |      | -1             |        |        |         |         |

Remarks:

Base Rating: **90** Adjustments: **-6** Final Rating: **84** 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.*

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 (Signature of Owner) (Date)

**NOTE: Utilization of certificate implies that you agree to the terms and conditions contained on each certificate.**