

US PHRF of Southeast Florida, Inc.
2012 Rating Certificate # 10_28049

www.phrfsef.com

Date Issued: 1/1/2012
Valid until 12/31/2012
US PHRF/SEF
PO Box 820003 Pembroke Pines, FL 33082-0003

Rating: 162
Spinnaker: Symmetric

Boat Name: NAMU
Owner: Gordon Rowse
USSA Member #:

Sail #: 23109
Club Affiliation: *Castaways Sailing Club*

Hull Information

Boat Type: Ranger 33
Keel Type: Fin
Engine: Inboard
Prop type: Folding
Displacement: 10,500 lbs.

Length Overall: 33.2
Waterline Length: 26.3
Beam: 9.6
Draft Keel/CB: 5. /
Ballast: 4,500 lbs.

Rig Information

Type: Masthead
Headsail %: 155
I: 41.5 J: 13.7
SPL: 13.9 ISP: 41.5
Total Upwind SA: 803.3

Material: Aluminum
LP: 21.5 Spinnaker % of J: 180.
P: 35. E: 13.8
Jc: .0
Total Downwind SA: 1182.8

Penalty/Credit Information

| <i>LP mod</i> | <i>RFH</i> | <i>RFJ</i> | <i>CRFJ</i> | <i>M-HL</i> | <i>M-VB</i> | <i>SFlash</i> | <i>OS-SPL</i> | <i>OS-Spin</i> | <i>OS-Main</i> |
|------------------|------------|------------|--------------------------------|-------------|-------------|-----------------------|---------------|----------------|----------------|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <i>Prop Mod:</i> | | | <i>Cruising Accom. Credit:</i> | | | <i>Modifications:</i> | | | |
| 0 | | | 0 | | | 0 | | | |

Remarks:

Base Rating: 162
Disp-Ballast Ratio: .43
Upwind SA/D: 26.81

Adjustments: 0
DLR: 259.15
Downwind SA/D: 39.47

Final Rating: 162
SA/D ratio UP/DW: .68

Crew Limit: 8

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.