US PHRF of Southeast Florida, Inc.
2013 Rating Certificate # 10_28049

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: 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
Material: Aluminum
Headsail %: 155
LP: 21.5
Spinnaker girth % of J: 180.
I: 41.5
J: 13.9
P: 35.
E: 13.8
SPL: 13.9
ISP: 41.5
Jc: .0
Total Upwind SA: 766.8
Total Downwind SA: 1146.2

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 Accom. Credit:*	*Modifications:*
0	*3*	*0*

Remarks:

Base Rating: 162
Adjustments: 0
Final Rating: 162
Crew Limit: 8
Disp-Ballast Ratio: .43
DLR: 259.15
Upwind SA/D: 25.59
Downwind SA/D: 38.25
SA/D ratio UP/DW: .67

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.