

**US PHRF of Southeast Florida, Inc.
2012 Rating Certificate # 12_6742167**

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: 108

Boat Name: Air Born
Owner: Dennis Shafer
USSA Member #: 696997W

Sail #: 52617
Club Affiliation: Newport Yacht Club, Newport, RI

Hull Information

Boat Type: Tartan 4600
Keel Type: Centerboard
Engine: Inboard
Prop type: Feathering
Displacement: 26,000 lbs.

Length Overall: 46.2
Waterline Length: 39.6
Beam: 14.3
Draft Keel/CB: 4. /10.6
Ballast: 10,500 lbs.

Rig Information

Type: Masthead *Material:* Aluminum
Headsail %: 130 *LP:* 22.1 *Spinnaker % of J:* 180
I: 59.5 *J:* 17. *P:* 53.5 *E:* 19.
SPL: 17. *ISP:* 59.5 *Jc:* .0
Total Upwind SA: 1307.7 *Total Downwind SA:* 2116.9

Penalty/Credit Information

LP mod	RFH	RFJ	CRFJ	M-HL	M-VB	SFlash	OS-SPL	OS-Spin	OS-Main
6	0	0	9	0	0	0	0	0	0
<i>Prop Mod:</i>		<i>Cruising Accom. Credit:</i>			<i>Modifications:</i>				
0		3			0				

Remarks: +12 No Spinnaker. OK per SORC.

Base Rating: 78 *Adjustments:* 30 *Final Rating:* 108 *Crew Limit:* 14
Disp-Ballast Ratio: .4 *DLR:* 186.91
Upwind SA/D: 23.84 *Downwind SA/D:* 38.59 *SA/D ratio UP/DW:* .62

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)