

**US PHRF of Southeast Florida, Inc.**  
**2013 Rating Certificate # 10- 28122**  
[www.phrfsef.com](http://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: **141**  
Spinnaker: **Symmetric**

Boat Name: **SWIFT**  
Owner: **Frank Atkinson**  
USSA Member #: **141730H**

Sail #: **42527**  
Club Affiliation: **Coconut Grove Sailing Club**

**Hull Information**

Boat Type: **1987 Sovarel 27**  
Keel Type: **Fin**  
Engine: **Outboard**  
Prop type: **Fixed 3 blade**  
Displacement: **4000 lbs.**

Length Overall: **26.5**  
Waterline Length: **22.**  
Beam: **8.8**  
Draft Keel/CB: **5. /**  
Ballast: **1600 lbs.**

**Rig Information**

Type: **Fractional** Material: **Aluminum**  
Headsail %: **155** LP: **15.5** Spinnaker girth % of J: **180.**  
I: **35.** J: **10.** P: **33.3** E: **11.3**  
SPL: **10.** ISP: **35.** Jc: **.0**  
Total Upwind SA: **512.6** Total Downwind SA: **747.2**

**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			0			0			

**Remarks:**

Base Rating: **141** Adjustments: **0** Final Rating: **141** Crew Limit: **7**  
Disp-Ballast Ratio: **.4** DLR: **167.7**  
Upwind SA/D: **32.55** Downwind SA/D: **47.44** SA/D ratio UP/DW: **.69**

**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.