

US PHRF of Southeast Florida, Inc.
2016 Rating Certificate # 16-12149921
www.phrfsef.com

Date Issued: 1/1/2016
Valid until: 12/31/2016
US PHRF/SEF
PO Box 820003 Pembroke Pines, FL 33082-0003

Rating: 48
Spinnaker: Asymmetric

Boat Name: Moose Down
Owner: Richard Moore
USSA Member #: 720017Q

Sail #: 52120
Club Affiliation: Carolina Yacht Club

Hull Information

Boat Type: 2001 J 120
Keel Type: Fin
Engine: Inboard
Prop type: Folding
Displacement: 15600 lbs.

Length Overall: 40.
Waterline Length: 35.
Beam: 12.7
Draft Keel/CB: 7.
Ballast: 6000 lbs.

Rig Information

Type: Fractional
Material: Carbon
Headsail %: 155
LP: 22.5
Spinnaker girth % of J: 240.
I: 50.5
J: 14.5
P: 46.5
E: 17.8
SPL: .0
ISP: 52.1
Jc: 19.5
Total Upwind SA: 1098.4
Total Downwind SA: 2284.

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: 48
Disp-Ballast Ratio: .38
Upwind SA/D: 28.15
Adjustments: 0
DLR: 162.43
Downwind SA/D: 58.53
Final Rating: 48
Crew Limit: 11
SA/D ratio UP/DW: .48

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.