

J/105 PHRF Handicap Ratings

US Sailing PHRF Handicaps, 1997

Here are the new ratings from US Sailing's 1997 PHRF Book. Noted are whether the rating is new (n) or changed (+/-) from last year. Note that Narragansett Bay ODR is in the book as 99, but known to be 93. Lake Erie is shown as listed, but the ODR rating must be for PHRF. The ODR for Chesapeake Bay was provided by Bill Sutton. Andy Skibo attests to the 81 for SD for MAYRA even though the books says 86. Thanks to Tom Petkus for the Lake Michigan adjustments. Lake Ontario is now 78 according to of Justin French.

	J/105 PHRF	J/105 ODR	J/105 SD	J/105 SD ODR
Chesapeake Bay	--	--	87	99 (per
Sutton/Bentchikou 8/25/99)				
New England	81	87	87 (n)	96
YRALIS	72 (-6)	81	--	87
Puerto Rico	75	--	--	--
Detroit	75 (n)	--	--	--
Northern California	84	84	--	--
Southern California	--	78	--	--
Lake Michigan	75	90	--	--
Narragansett Bay	81	93	--	-- (n)
Lake Erie	-- (n)	69 (-21)	--	96
Mid-Atlantic (NJ)	78 (+3)	84	87	--
Lake Champlain	78	--	--	--
Southeast Florida	78	--	81	87
Lake Ontario	78	--	--	--
Eastern Connecticut	--	81	--	--
Galveston Bay	--	78 (-6)	--	--
Gulf (FL, AL, MS, LA)	--	81	--	--
Lake Huron	--	78	--	--
Texoma (TX)	--	78	--	--
Fort Worth	78 (n)	--	--	--
Rushcreek YC (TX)	--	90	--	--

ODR = One-design rig

SD = Shoal draft

Lake Michigan Adjustments from ODR:

Any change from one-design means:

-3 seconds for 155 L.P. genoa

-3 seconds for 89 sq. m. spinnaker

-9 seconds for 110 sq. m. spinnaker

-3 seconds for PHRF crew weight (1440 pounds, 8 bodies).

Narragansett Bay Adjustments from ODR:

Any change from one-design means:
-3 seconds for ≤ 142 L.P. genoa
-6 seconds for > 142 L.P. genoa
-3 seconds for 89 sq. m. spinnaker
-6 seconds for 110 sq. m. spinnaker
No penalties for crew weight

Mid-Atlantic Adjustments from PHRF (155 jib, 110 chute):

+6 seconds shoal draft
+3 seconds 100 L.P. jib
+3 seconds 77 sq. m. spinnaker

See also: [Rod Johnstone's latest recommended PHRF ratings for all the J/Models](#) which includes updated rating suggestions for the J/105 Class.

Handicap Ratings

J/105 News, June 1995 by Rod Johnstone

What should the J/105 rate under PHRF compared to other J/Boats? The closest speed comparison between the J/105 and a J/Boat rated in most areas is the J/35. The standard J/105 (with PHRF-legal genoa and 110 sq. meter PHRF spinnaker) should rate six seconds per mile slower than the J/35. Same sail configuration with shallow (5.5') draft should rate 9 seconds slower than the J/35. These rating criteria were reflected in PHRF numbers from New England, Long Island Sound, Chesapeake Bay, and Narragansett Bay in 1994. With the J/35 at 72, this means a base rating of 78 for the J/105 is fair. In 1995 Eastern Connecticut and Western Long Island Sound are rating this fastest version of the J/105 at three seconds/mile slower than the J/35.

If the spinnaker is reduced to the small class rule chute of 77 sq. meters, the rating should be 6 seconds slower, or 84. The Lake Michigan PHRF number of 81 reflects the combination of a large genoa and small (89 square meter) chute, which is how the six-boat J/105 fleet sails one-design in Chicago. In the class rule configuration with 100% roller jib and 77 sq. meter class chute the J/105 rating should be twelve seconds slower than base rating (90 in this case. The J/105 with shallow draft keel (5.5' vs. 6.5') should receive an additional three seconds per mile rating credit therefore a PHRF of 93.

With over 120 J/105s sailing in 1995 and over three seasons of racing results for this boat, ample race results from many areas should be available to further confirm the validity of these suggested ratings for areas where the speed of the J/105 has yet to be proven.

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	J/105 PHRF	J/105 ODR	J/105 SD	J/105 SD ODR
Chesapeake Bay	--	--	78	--
New England	81	87	--	96
W Long Isl Sound	72	81	--	87
Lake Michigan	81	--	81	--
Northern California	--	84	--	--
Lake Erie	72	90	--	96
Narragansett Bay	81	90	--	--
Mid-Atlantic	--	75	78	--
Southeast Florida	--	--	78	84
Lake Ontario	93	--	--	--
Galveston Bay	--	84	--	--
Gulf (FL, AL, MS, LA)	--	81	--	87
Detroit ORC	75	--	--	--
Carribean (PR)	78	--	--	--
Rushcreek YC (TX)	--	85	--	--

ODR = One-design rig

SD = Shoal draft

[Back to the J/105 Class Association.](#)

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