

Adaptive Sports Connection Sailing Program

04.2019

SAILBOAT – HOBIE WAVE CATAMARAN

The ASC sailboat fleet includes a Hobie Wave catamaran. It is a small catamaran (twin hull boat) with a mainsail of approximately 95 sq. ft. ASC has the optional jib which adds 25 sq. ft to make a total sail area of 120 sq. ft. When sailed only with the mainsail it has a S.A./Disp. (Sail Area to Displacement Ratio) of 38.86. Adding the jib brings the S.A./Disp. to 49.09 which means it has a higher S.A./Disp. Ratio than most ASC sailboats and should be taken into consideration when deciding whether or not to use the jib. The mainsail uses a boomless rig which eliminates the possibility of a person's head being hit with a boom. It comes with a masthead float which usually eliminates the risk of the boat turning turtle after a capsize. It has a trampoline instead of a cockpit with seats for the crew/people onboard. The lack of back support may be an issue for some participants with disabilities. ASC does have the optional backrests that can be attached to Hobie Wave sailboat however back support and mobility may still be an issue for some participants with certain disabilities considering sailing on this boat (some of which are dependent upon the winds/conditions).

Hobie Wave catamaran specifications are: LOA 13', Beam 7', Draft 11" (without people onboard and rudders up), Displacement 245 lbs. It has a roto-molded polyethylene hull that is more durable than the ASC sailboats with fiberglass hulls. It can tolerate being gently beached however it should not be dragged across the sand which can eventually abrade through the hull. The polyethylene is somewhat soft so it should never come in contact with rocks or a rocky bottom that can gouge the hull. The twin rudders are of a kick-up design however care should still be taken to prevent them from contacting the bottom (repeated grounding and/or lateral movement when in contact with the bottom/ground can damage the rudders). It is critical that all drain plugs be properly installed before launching.

The manufacturer lists a weight capacity and crew number:

The manufacturer lists the weight capacity as 800 lbs. The manufacturer says the Hobie Wave can be sailed with a crew of anywhere from 1 to 4 people (while staying under the 800 lb. weight limit). The number of people that can be accommodated, the weight limit for any particular sailing session, the wind/weather conditions, and whether to use the jib, must be analyzed and determined by the skipper, the lead skipper, or the head of the ASC sailing program before launching.



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