

# Adaptive Sports Connection Sailing Program

04.2019

## SAILBOAT – O'DAY DAYSAILER II

**The ASC sailboat fleet includes an O'Day Daysailer II.** It is a small sloop rigged mono hull sailboat (sailing dingy) with a jib (foresail) of approximately 41.4 sq. ft and a mainsail of approximately 102.5 sq. ft (Luff 20'6", Foot 10'0", Leech 21'9"). That gives the Daysailer II a Sail Area to Displacement ratio (S.A./Disp.) of 33.35 so it can be considered to be a mid-range sailing dingy that is neither over-powered nor under-powered. Class rules allow for a third sail, called a spinnaker, to be carried on board and used however for ASC purposes, it is a sloop with two sails.

**O'Day Daysailer II specifications are:** LOA 16'9", Beam 6'4", Draft (without people onboard) 6" min/3'9" max, Displacement 575lbs. It has a fiberglass hull that is delicate so extreme care must be taken to make sure it is never run aground when launching, loading, unloading, or mooring. The pivoting centerboard and rudder are of a kick-up design however care must be also taken to ensure they do not contact the bottom. It has several drain plugs. It is critical that all drain plugs be properly installed before launching the boat. Note, there is a special drain plug, called a DePersia Bailer, which the skipper may want to adjust under certain conditions when under way.

**There is not an official capacity rating in terms of the weight or number of people it can carry.** Under certain conditions it may be able to carry up to 6 people (possibly up to 7 if they are light weight people and/or children whereas the capacity may be 5 people or fewer if they are heavy). An approximate weight capacity may be up to 1,100 lbs. under certain wind conditions. It is up to the skipper along with a qualified ASC Level 3 skipper or head of the ASC sailing program to make the final determination about the maximum weight and/or number of people that can be carried on board under any given wind conditions. It has a fairly roomy cockpit and seating area giving it the ability to accommodate participants with disabilities including paraplegics and/or quadriplegics.



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