

TARTAN

60th Anniversary

245

Designer's Comments
Tim Jackett

The Concept;

When Cai Svendsen contacted us about developing a new boat for learning to sail, for club racing, for training, for exceptional multi-use and even adaptive sailing the design juices started flowing. Years ago, I had designed a number of under 30 foot racing boats, so this was taking me back to my roots. Cai had owned one of our C&C 99's that he enjoyed racing and using in his sailing school in Miami. He also had a fleet of smaller boats that always left him wanting something better, something that ticked off more of the boxes for not only learn to sail programs but also a solid boat that would be a good performing club racer. Besides his traditional sailing school programs, Cai had developed an interesting sailing program on Biscayne Bay. It was somewhat like a pick-up basketball game on the neighborhood court. On Saturday and Sunday mornings, he would have a batch of different boats available for any who showed up that day. The fee was minimal and the race courses were user friendly. He would run a series of races and the rules included one important element, each member of the crew had to be the helms person for at least one race. At the end of the day's sailing, all would gather for some socializing, hot dogs, refreshments, viewing video of the action on the water and of course handing out the silverware. The trophies may have been a little corny, but the winners cherished them. It was a great, low pressure way to introduce anyone who was interested to the sport of sailing.

The guiding principles; keep it simple, keep it safe, keep it fun, and keep performance in the mix but not at the expense of simplicity and safety.

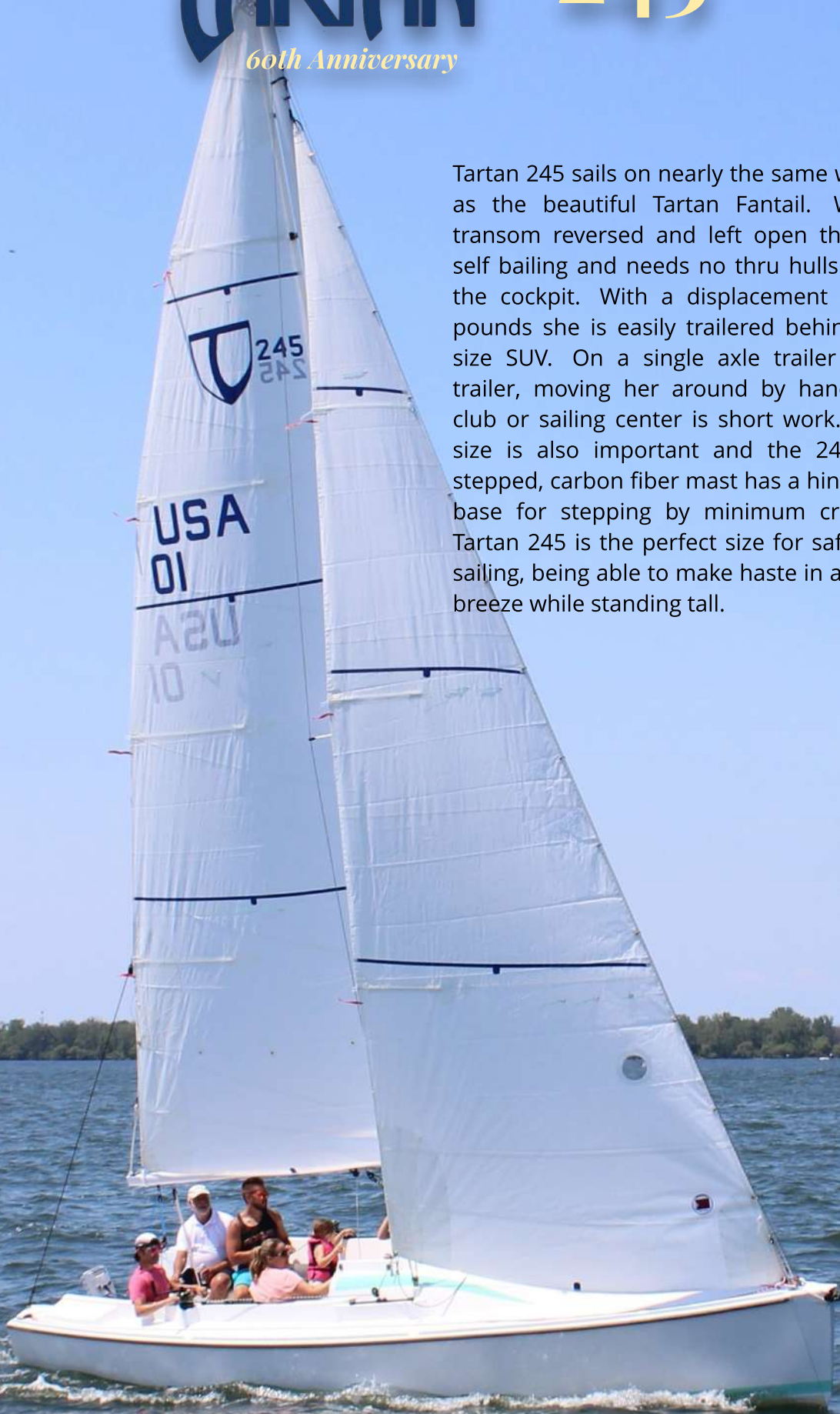


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Tartan 245 sails on nearly the same waterline as the beautiful Tartan Fantail. With the transom reversed and left open the 245 is self bailing and needs no thru hulls to drain the cockpit. With a displacement of 2,750 pounds she is easily trailered behind a mid size SUV. On a single axle trailer or yard trailer, moving her around by hand at the club or sailing center is short work. The rig size is also important and the 245's deck stepped, carbon fiber mast has a hinge at the base for stepping by minimum crew. The Tartan 245 is the perfect size for safe, stable sailing, being able to make haste in a growing breeze while standing tall.

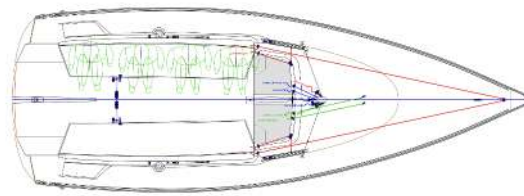


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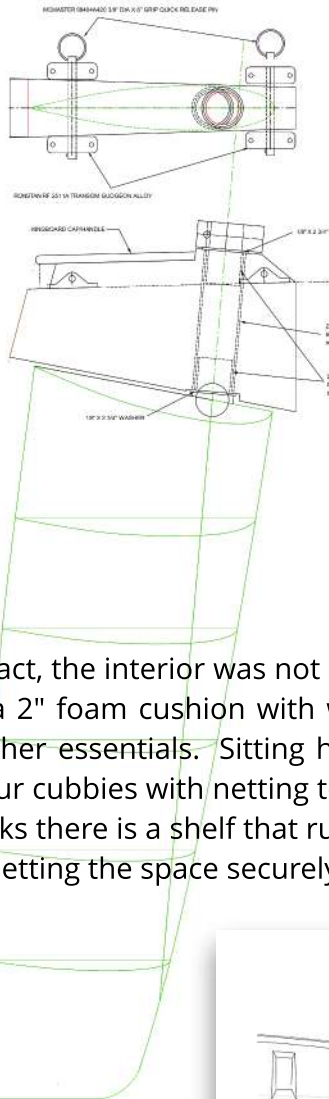
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The cockpit seats three to four per side and when in training mode, there is room for an instructor at the aft end of the cockpit. This is a "sit in" cockpit, nice and secure with comfortable back support. The short transom is nearly vertical for stern boarding and mounting a simple slide off motor mount for outboard power, whether electric or gas. The mainsheet traveler is mounted to the cockpit sole, leaving passage forward unobstructed.

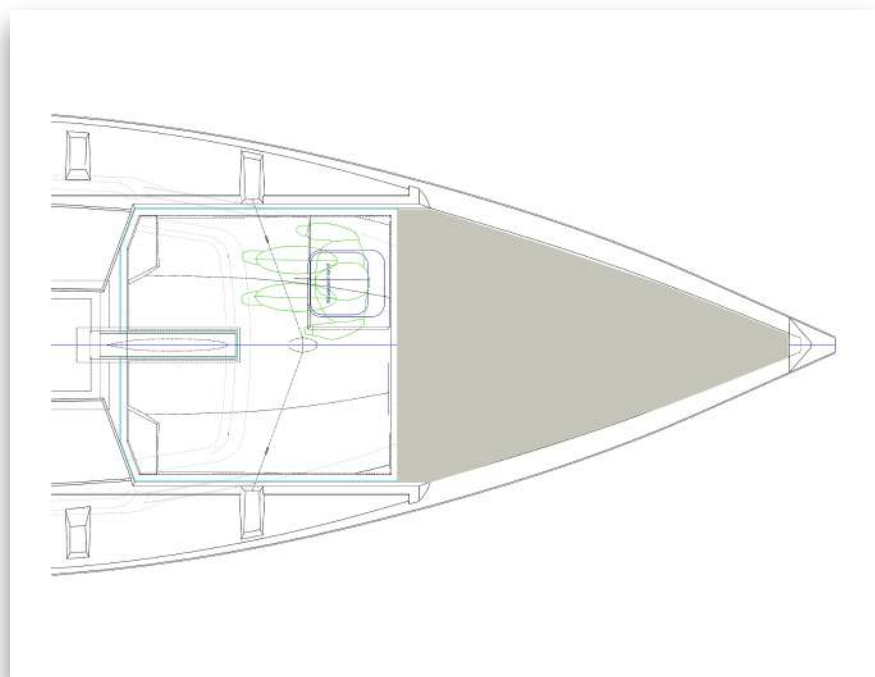


The carbon-fiber mast and the carbon-fiber boom are fabricated by sister company AMP Spars, which builds all the masts for Tartan's complete line-up. The weight savings and stiffness given by carbon-fiber allow for a simple, single spreader, deck stepped fractional rig. The standing rigging is tried and true wire while the running rigging is a sensible mix of yacht braid and higher tech cordage where needed.



The keel and rudder blades and assemblies are two elements of the boat that we spent a special amount of time working out the details. The result is a composite keel foil with an integral lead bulb. Coupled with a keel lift that works simply and efficiently. Attach the lifting bridle to the keel top, lift the keel, and when the bulb reaches the bottom of the hull, the boat rises as well. The 245 also has an available keel lifting rig for ramp launching. The rudder, complete with a carbon-fiber rudder post, is installed in a wedge shaped cassette in the aft end of the cockpit and pinned in place. Pull the aft pin to hinge the rudder and cassette out of the water, pull both pins and remove the entire assembly.

While compact, the interior was not left to chance. For overnight camping, there is a long "V" berth with a 2" foam cushion with water tight storage below for the anchor, fenders, dock lines and other essentials. Sitting headroom allows installation of a Porta Potti. Outboard there are four cubbies with netting to stash wallets, cell phones, sunglasses and such. Under the side decks there is a shelf that runs from the aft end of the cockpit and into the cabin. Fit with cargo netting the space securely holds life jackets and other larger personal gear.



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The bow is a beautiful, slightly raked design, built to look good, carve waves, and its replaceable. Cai's sailing school experience came into play here; he knows that the bow can take a beating. And should you or a new skipper slip up and run into a dock, bow on, or miscalculate that port/starboard crossing and the fiberglass bow section takes the blow, no integral harm is done. The boat is still watertight and sailable. Back at the dock or possibly even on the water, remove four screws and get back into the game.

The 245 is the newest design from one of the oldest, and some would say best all-American brand. She's small but she's mighty and we know you will love her as much as we do. Let's go sailing!





TARTAN

Proudly handcrafted in the USA for 60 years



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