
Plans and license to build 1 boat 215 EUR

Resin + hardener + glass + extenders c.a 120 EUR

Plywood c.a 190 EUR

Wooden planks c.a 85 EUR

Fittings c.a 20 EUR

Vaka & Ama c.a 460 EUR

Platform with trampoline c.a 120 EUR

Rigg, sail, paddle c.a 200 EUR

TOTAL 990 EUR



PJOA FOLK

The PJOA FOLK proa is aimed at "Spartan" dinghy cruising on sheltered waters, in winds up to 3 Beaufort. The design is as close to traditional bots from the islands of Micronesia as possible, where they were and are used for crossing lagoons. The differences are dictated by modern materials applied which are available in our region and usually represent better parameters.

Oceanian boat PJOA FOLK is designed in Do-It-Yourself technologies. Materials applied are tailored to the function of each element. We chose them to reduce costs of material and to simplify the construction as much as possible. PJOA FOLK belongs to the Pjoa family in this respect, that one can apply all the methods to manage the boat when sailing, which are described in "Basics of sailing Micronesian way", available at www.pjoa.pl.

The bridge between hulls can accommodate a small tent, provided mast step is moved to the socket at the end of the bench, although we personally prefer to sleep on a shore.

Hulls of vaka (canoe) and ama (outrigger) are made in Stich@Glue technology, with a small deviation from principles when mounting the floor and decks. We encourage a less experienced builder to familiarize himself thoroughly with the Stich@Glue technology from numerous films available online before they start construction.

The use of materials indicated in the documentation will ensure proper strength and durability of the structure.

Proposed construction stages and sequence of activities shall allow the purchase of materials in 2 or 3 installments over time and also bring more experience during the construction of the ama (outrigger) before proceeding to more difficult tasks in the construction of vaka (canoe).

Number of hours assigned to the proposed stages should be treated as an approximation only, how much time an efficient boat builder needs to perform the described activities. The actual time from the purchase materials till launching your proa will be quite longer for a couple of reasons. There are technology stops like waiting for glue and resin to cure, everyone needs breaks to rest, eat and sleep. You will spend some time to clean up and tidy up the workplace. The actual construction time depends to a large extent on the skills of the builder, the quality of the tools one uses and the discipline in sticking to the plans ;).

Despite many efforts, this documentation, like many others, is not bug free. There are inaccuracies and ambiguities, so we ask for your understanding. We will be grateful for sending us your feedback so we can improve for the benefit of the next builders.

We ask you for a moment of reflection to compare a common understanding what a boat building means versus time spent to complete stages enlisted above. When both hulls: vaka and ama will be ready, you will reach roughly 2/3 of the project. The remaining 1/3 is equally essential, because the care taken when assembling, rigging and trimming will pay off with ease and pleasure of sailing.

We wish you enjoy each and every stage so you have 10 reasons for celebration.

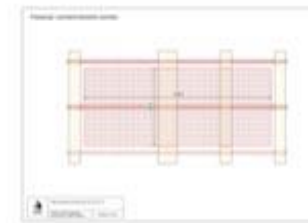
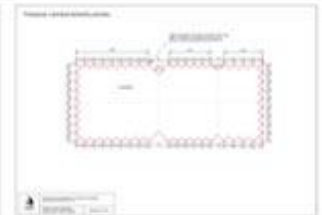
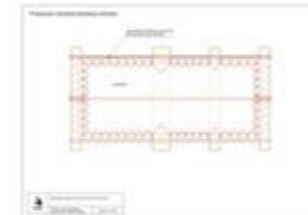
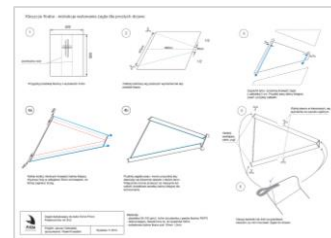
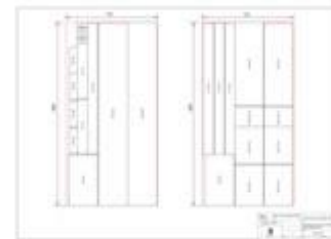
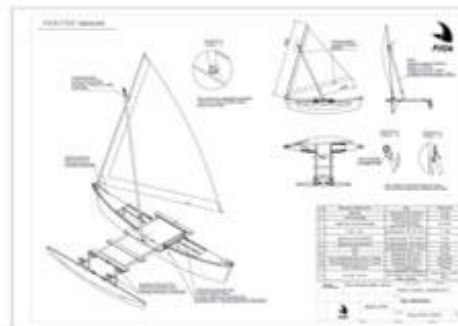
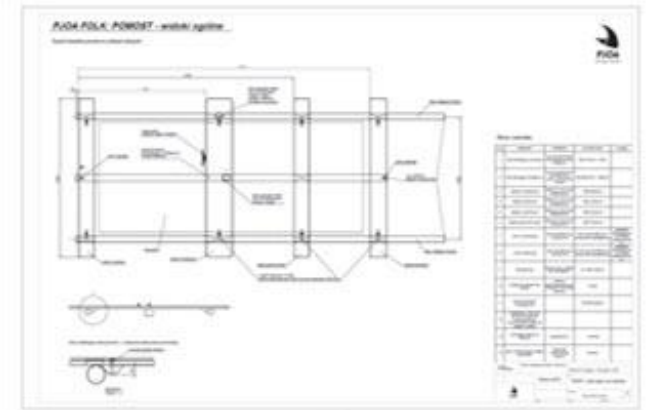
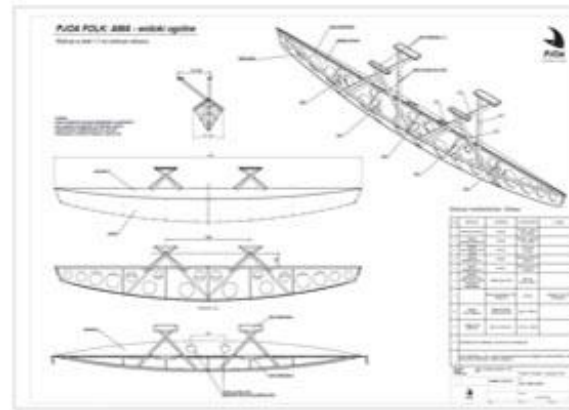
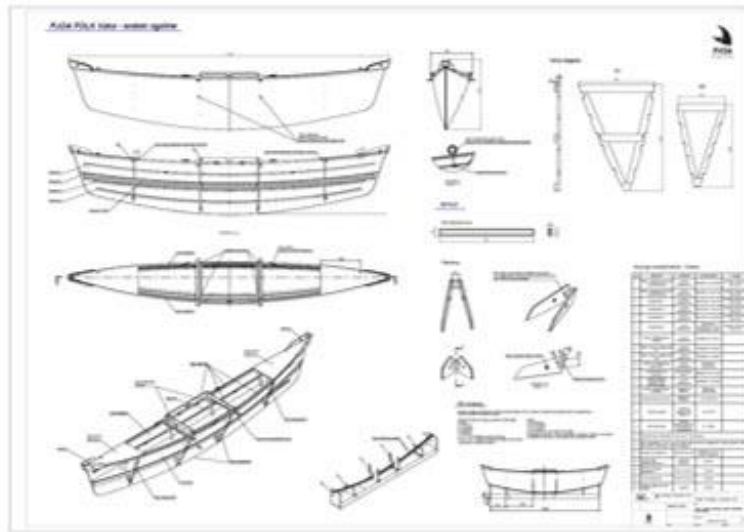
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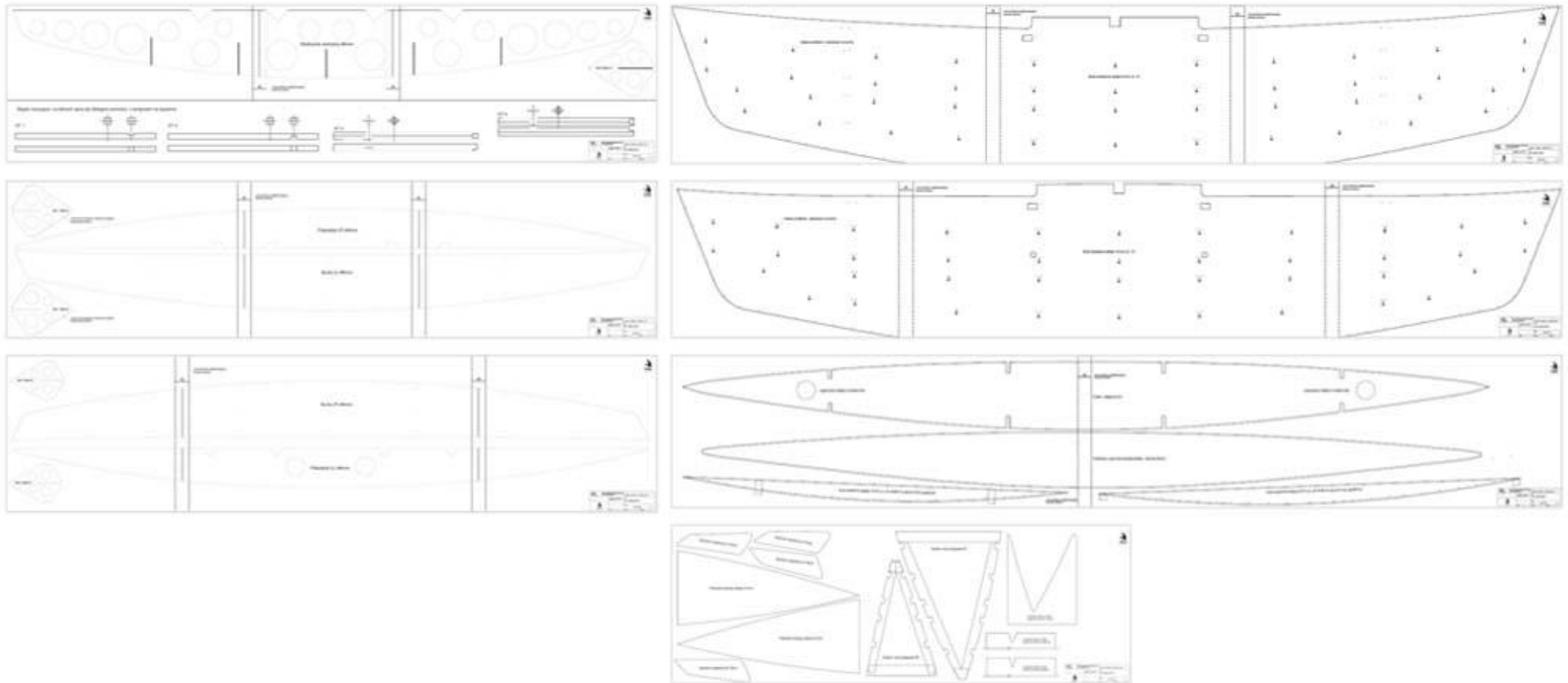
List of documents included:

- Building description (this document)
- List of materials and tools.
- Drawings:
 - Vaka (canoe) - views and cross-sections.
 - Vaka 1:1 templates - 2 sides, floor, foam insert, 2 foredecks, 4 inside frames, 4 splash boards, 6 vaka assembly frames.
 - Ama (outrigger) - views and cross-sections.
 - Ama 1:1 templates - 2 sides, 2 decks, 1 stringer, 5 sections, 8 support poles.
 - Platform - general view.
 - Platform – pattern of the net with sketches of reinforcements, fastenings and binding
 - Crab Claws Sail
 - Instructions for making a CrabClaws sail in 6 steps.
 - Rigging – overall arrangement of spars, ropes and fittings.
 - Rigging - 8 sketches with the layout of the most important ropes.
 - Templates how OSB wood panels shall be cut into the assembly table parts.
 - Assembly, rigging and trimming- illustrated guide on how to fit all together for sailing.

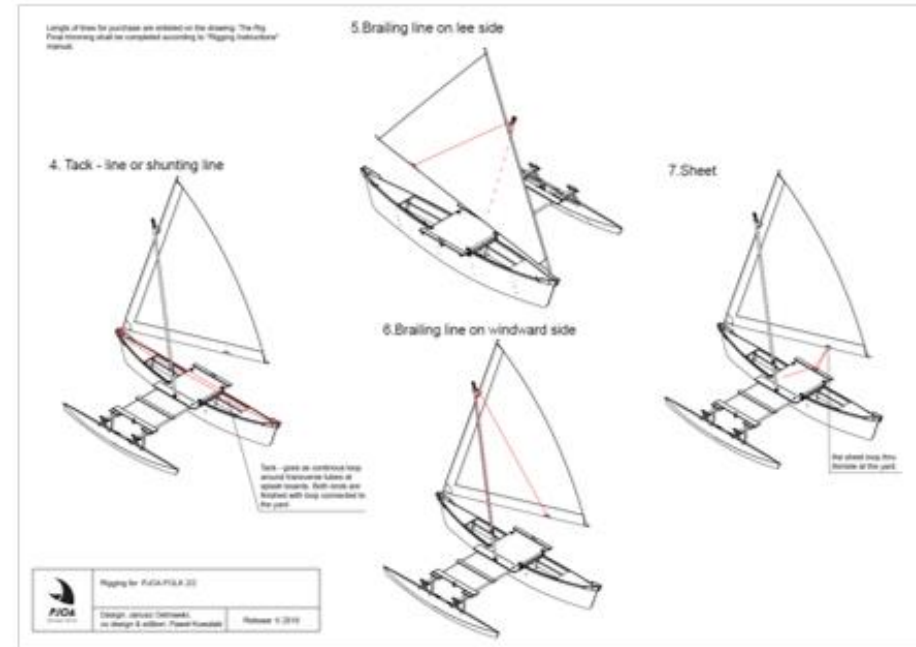
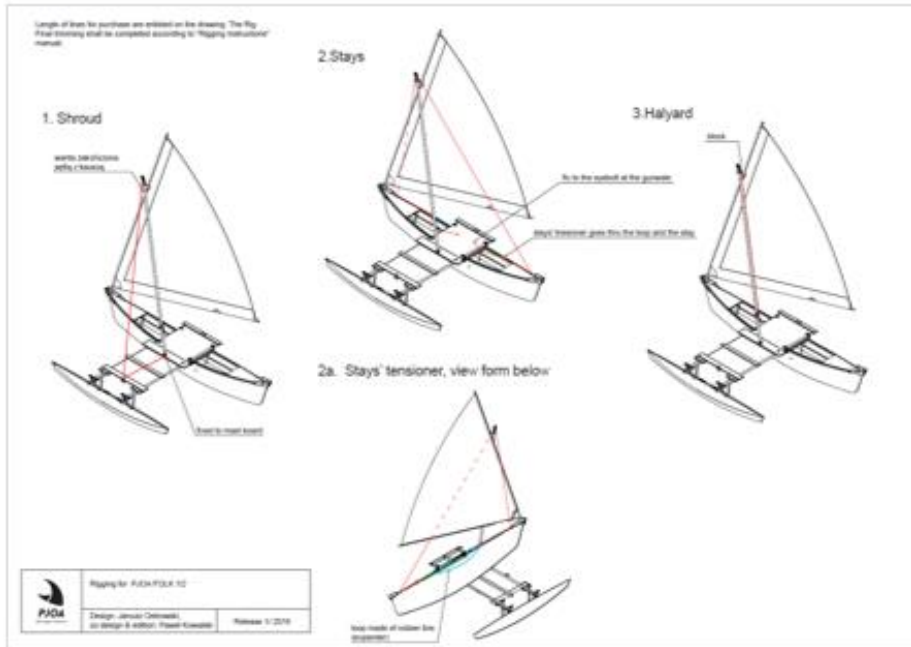
Views and cross - sections



Full scale templates



Rigging - 8 sketches with the layout of the most important ropes





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