

16 foot Canoe Stern Motor Launch

The elegant profile of this launch, blended with a nice tumblehome to the topsides, should be enhanced with a good turn of speed as the single cylinder Chapman engine pushes the craft along. Big sister to the 14 foot transom stern launch, it shares a similar structure but presents a more challenging boat to plank up, particularly around the stern. As well, details such as the rudder and stock, curved coaming forward and aft, and other small features add a little more time and effort to the project, but the finished vessel will be a delight to own and use.

The 10mm cedar planking with 300gsm fabric inside and outside is supported by floors and frames around the engine, plus the engine bearers, all are oregon and bonded in place. The keel can be made in two pieces, with the stern tube routed out to simplify the task. There is a bulkhead at the aft end of the cockpit to stiffen the hull and partition off a potential stowage space. The cockpit has thwarts either side aft of the engine and space for a transverse thwart forward of it, although this could be left out if preferred. The fuel tank can be fitted under the foredeck, with room below to stow an anchor and lines.

The plans cover a lot of detail and indicate some options that can be taken. There is scope for people to build either a relatively simple boat or to go to a bit more effort and detail items to make a feature of them. The boat should carry four to five people, but will be just as satisfying with one or two aboard heading off to a fishing spot or cruising for fun.

Includes lines plan, bodyplan, construction and layout, and full size templates for mould frames, stem and stern.

Dimensions:

LOA	4.86m
BEAM	1.51m
DRAFT	0.49m
ESTIMATED WEIGHT	260kgs

