

### Tools List

The Chuckanut 15 can be built with just a few tools, none of which need be top of the line (however, high quality jigsaws are far, far superior than the cheaper versions).

**Minimal:** Dust mask, nitrile gloves, eye and hearing protection  
Two saw horses

**Power Tools:** Jig saw, circular saw with thin kerf blade, drill (with bits, drivers and a #8 countersink bit), clothes iron or heat gun

**Hand Tools:** Heavy duty staple gun, with 3/8" {9mm} stainless steel or monel staples  
Hand saw, wood rasp, tape measure, square, level, sandpaper, clamps  
Sharp scissors, large sewing needles, small paint roller, pencils, lighter,

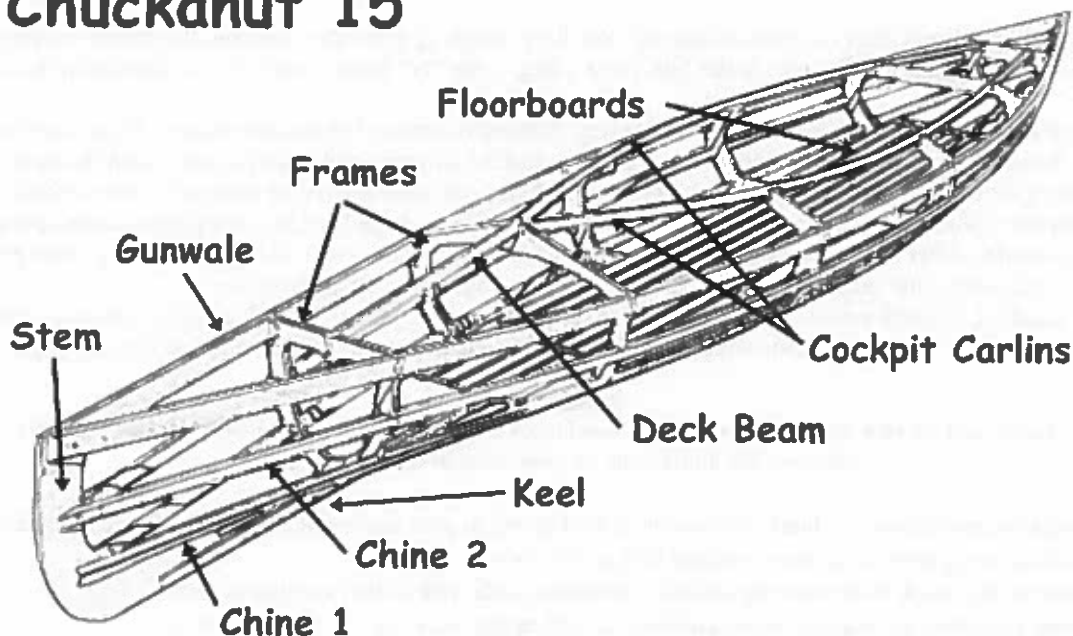
**Optional Tools** - these will greatly facilitate your build, but aren't truly necessary:

Band saw, table saw, electric sander, block plane, chalkline, more clamps.

**Other items you will need:**

- 32' {4.9m} of uncoated 8oz polyester fabric - at least 76" {1.93m} wide. (Narrower widths can not skin the boat in one piece, and so will require fabric that is twice as long). Contact George Dyson for fabric: [GDyson@gmail.com](mailto:GDyson@gmail.com)
- Artificial Sinew (70lb waxed polyester) or equivalent, for lashing and sewing. Obtain from craft stores, or online
- Qty 70, Stainless steel or silicon bronze #8 flat head, coarse threaded screws, 1-1/2" {3.8cm} long.
- Qty 70, Silicon bronze or stainless steel #6 flat head screws, 3/4" {19mm} long
- Marine epoxy and thickening agents (colloidal silica or microfibers). Or, I recommend epoxy that comes in a tube and is dispensed with a caulking gun (Six-10, Gel-magic, et al). A single tube, plus an extra tip, should be all you require.
- Light rope or two or more webbing tie-down straps (with cam buckles, but without hooks).
- 40' {12m} of 1/8" (3mm) braided cord for lashing floorboards.
- 3' {1m} of 1/4" (6mm) braided polyester line for handles.
- Rigid foam insulation, for floatation. Comes in large sheets at hardware stores. Often pink, blue or green.
- 2 quarts/ litres of oil based paint or varnish. Rustoleum and generic hardware store paints - oil based. Cheap, easily available and fairly durable. If it thins or cleans up with mineral spirits, you can use it. If it thins with water, don't.

## Chuckanut 15



### Wood List

For the longitudinal pieces (the stringers), you will need a 16' long "1 x 12" {3.9m x 19mm x 31cm} cedar board - or equivalent.  
For the frames and stems, a half sheet of 12mm (1/2") BS1088 Okoume (lighter) or Meranti (stronger) marine plywood is required.

**Gunwales** are Western Red Cedar (WRC) cut 1-1/2" x 3/4" {38x19mm}, starting out at 16' {4.9m} long

**Chines, keel, cockpit carlins and deck beam** are 1" x 3/4" {25x19mm} WRC

**Floorboard cleats** are 1-1/2" x 3/4" {38x19mm} WRC

**Frames and stems** are 1/2" (12mm) Okoume (lighter weight) or Meranti (stronger) marine plywood. With care, you will need only about 3' x 4' out of a sheet of plywood.

**The cockpit coamings and backrest** are approximately 3" {76mm} wide x 1/4" (6mm) thick slats of plywood or fir.