



TOOL LIST

SMALL BOAT REPAIR

W/ JOHN KARBOTT

The following is a basic set of tools that should serve you well for all manner of woodworking, boatbuilding, etc. While **only the highlighted tools are required for Small Boat Repair**, if you plan on continuing your hobby, this list can serve as a guideline for a good, basic set of tools.

If you are driving and you already have any of these items (or more), please feel free to bring them along. If you are flying, you can stick to the required list, and pare it down as needed.

We will be adding a section to the resources page on our website that talks about the tools in more detail and where you can buy them.

Safety

- ☐ Safety Glasses
- ☐ Hearing Protection
- ☐ Dust Mask
- ☐ Close-Toed Shoes
- ☐ Work Clothes
- ☐ Work Gloves

Edge Tools

- ☐ Low Angle Block Plane
- ☐ Spokeshave
- ☐ ½" Chisel
- ☐ ¾" Chisel
- ☐ 1" Chisel
- ☐ Rabbet Plane
- ☐ #4 or #5 Smoothing Plane
- ☐ Paint Scraper

Drilling

- ☐ Cordless Drill
- ☐ Driver Bits
- ☐ Twist Drill Bits
- ☐ Fuller Bits

Marking & Measuring

- ☐ 16 or 24' Tape Measure
- ☐ 6" or 12" Combo Square
- ☐ Pencil Compass
- ☐ Bevel Gauge
- ☐ Pens & Pencils
- ☐ 6" Pocket Rule
- ☐ 4" Adjustable Square
- ☐ Pocket Calipers
- ☐ Plumb Bob
- ☐ Notebook

Cutting

- ☐ Japanese Pull Saw
- ☐ Shinto Rasp
- ☐ #49 Patternmaker's Rasp
- ☐ Crosscut Saw

Holding Tools

- ☐ Needle Nose Pliers
- ☐ Regular Pliers
- ☐ Vise Grips
- ☐ Small Clamps

Odds & Ends

- ☐ 16oz. Claw Hammer
- ☐ Mallet
- ☐ Assorted Screwdrivers
- ☐ Small Ball Peen hammer
- ☐ Awl
- ☐ Putty Knife
- ☐ Small Adjustable Wrench
- ☐ Utility Knife
- ☐ Diagonal Cutters
- ☐ Sanding Block
- ☐ Sharpening Kit
- ☐ Toolbox or Bag
- ☐ Work Apron

You never know what you might find when doing repairs on old wooden boats. For that reason, if you have any of the following tools, feel free to bring them along. They are not required, but they might come in handy.

NICE TO HAVE (not required):

Cordless drill/driver
Cabinetmakers rasp
Rabbit plane
Ball peen hammer
Spokeshave
Straight punch

Flashlight
Sharpening stone (oil)
Set of Fuller taper drills & countersinks for
screw #'s 8, 10, 12, & 14
Mill file
Brace & bit

SUGGESTED READING:

The Boatwright's Companion by Allen Taube, International Marine Publishing, 1986.

*Wooden Boat Repair Manual by John Scarlett, International Marine Publishing, 1981.

*Frame, Stem & Keel Repair, WoodenBoat Books

*Planking & Fastening, WoodenBoat Books

*Repairs by Walter J. Simmons, Ducktrap Press, 1995.

*Available at www.woodenboatstore.com