

- 1 Arrive, park in parking area, not launching area! Check for overhead wires, trees with outstretched limbs etc on your route to launching area from parking area
- 2 Remove lights, safety straps
- 3 Drop back skids on trailer
- 4 Open boat, put in personal gear, pull keel up
- 5 Fit wind indicator to masthead
- 6 Fit rudder
- 7 Close sliding hatch, put something soft on front edge of hatch
- 8 Untie mast or remove ocky straps
- 9 Walk mast back while standing on seat .. careful of point of balance .. can help to have someone carrying foot of mast. Mast will have been lying on its side, as you walk it back turn it so forward edge is uppermost, check that shrouds are on correct side of mast!
- 10 Tilt masthead upward so mast is at about fifteen degree angle, slot groove in mast foot over horizontal pin in mast step
- 11 Gently let mast come down until it is resting on leading edge of sliding hatch, let it go
- 12 Stand on sliding hatch facing aft with toes at back edge of hatch and feet either side of mast; remember this is a Careel and it is strong!
- 13 Check that all rigging is free and chain plate shackles are not twisted. Ensure inner forestay is not twisted around other wires and top swivel is free
- 14 Bend down and grab mast with both hands as high up mast as you can
- 15 Bend knees for correct lift. Lift mast and walk back until it is vertical, you have full control and are preventing sideways movement. When it is vertical it is held rigid by shrouds and only slight pressure is needed to hold it
- 16 Watch carefully as mast comes up to ensure that rigging does not catch on anything i.e. your teak gunwhales, winches, cleats, crewmembers heads etc
- 17 As mast comes up, check again that shackles attaching shrouds to chain plates swing free and do not jam sideways and prevent mast coming fully vertical
- 18 Get someone to push against aft side of mast. If you are on your own, grasp inner forestay and pull it tight so that you are holding the mast in vertical position
- 19 Clip and close inner forestay Highfield lever
- 20 Relax, the scary part is over
- 21 Attach outer forestay to shackle in centre of furler, close Highfield lever
- 22 Open inner forestay again and slide on your piece of plastic, sink-drain pipe over forestay it makes tacking easier. Attach and close inner forestay again
- 23 Run jib sheets between inner and outer forestay, down sides of deck, outside shrouds and through correct blocks, tie figure eight knot in each end
- 24 Attach tack of jib to outside shackle on furler, hank jib onto forestay, pull jib up with correct halyard, attach sheet and furl sail (note let jib flap while you are doing this, do not try to restrain it as it will try to sail boat off trailer). Run furler rope around winch and cleat it on main sheet cleat to stop wind unfurling jib
- 25 Slide boom back so one metre projects from inside cabin
- 26 Attach lower fitting of mainsheet to traveler on pushplt, attach upper fitting to round hole on rotating strip on aft end of boom (snap fittings make life easier)
- 27 Attach topping lift (snap fitting again) to square hole on attachment strip on aft end of boom
- 28 Tension topping lift to raise aft end of boom about a metre off deck
- 29 Grasp boom near forward end, swing boom aft so it comes right out of cabin, lift forward end and then swing boom forward over top of cabin, attach goose neck to mast

- 30 Tension and cleat mainsheet to stop boom swinging
- 31 Unfurl Just enough of main sail so you can start it into mast sail track, attach main halyard to head of mainsail (captive pin shackles on halyards make life easier)
- 32 Attach vang to mast step, ready to attach other end to boom
- 33 Ensure rudder blade locked in up position, tilt and lock outboard motor
- 34 Ensure bow line of a couple of metres length is attached to mooring cleat on foredeck
- 35 Drive carefully to ramp. It is easier to select an outside lane.. don't get rushed or hassled or bothered by anyone, take your own time and be decisive
- 36 Back trailer until water covers bottom of tyre and comes just up to wheel rim and there is a depth of about 18 inches at rear of trailer - this is all the depth you need!
- 37 Disconnect safety chain between bow of boat and trailer
- 38 Disconnect anti-reverse ratchet on your trailer winch, so you can pull out enough cable to enable you to disconnect cable from boat, large snap fitting makes life easier
- 39 Hold bow line or tie it to trailer in a position where it will not snag as boat slides off
- 40 Break trailer, lift and push boat, hold bow line so boat does not go without you
- 41 Get your for'ard hand to walk boat to side of ramp and take it as far from ramp as practical to make it easier for others to launch
- 42 Remove car and trailer to parking area as quickly as possible to clear ramp for other users
- 43 After you have parked, take two minutes. Spray rollers, winch, break mechanism with WD40, this makes it easier to get boat back onto trailer and launch next time
- 44 Lastly, run winch cable out and clip it on rear of trailer so that you are ready to hitch on when you return
- 45 Have for'ard hand hold boat so stem is in deeper water while you start motor.. let it warm up .. before proceeding, it is embarrassing to drift out into bay with dead motor. Go for sail
- 46 When you return, park your boat to side of ramp, outside the last boat awaiting its turn. Make sure motor and rudder are up and locked. Tether your boat or get someone to hold it while you get trailer and await your turn to back onto ramp
- 47 As each boat is pulled out, move your boat inward. Again be decisive, it is easier to retrieve on an outside lane, do not let yourself be bluffed or hurried
- 48 When it is your turn, nose boat into trailer and clip onto winch cable, break trailer, begin winching and hold tension on cable by hand until slack is taken up so that it rolls onto winch properly and does not snag on rollers
- 49 Give for'ard hand clear, definite hand signals as to which way you want boat swung to keep it lined up with rollers (whisker pole can be snapped onto a chain plate and used to push or pull the boat to keep it lined up)
- 50 As soon as boat is winched tight onto trailer, drive to parking area and clear the ramp for others

Reverse steps 34 to 1

NOTE: When mast down, gather rigging by putting arms around mast and rigging at stern of boat and pulling rigging wires towards bow. Ensure all shackles are lying in correct direction and rigging wires are not kinked. A kinked wire will later break!