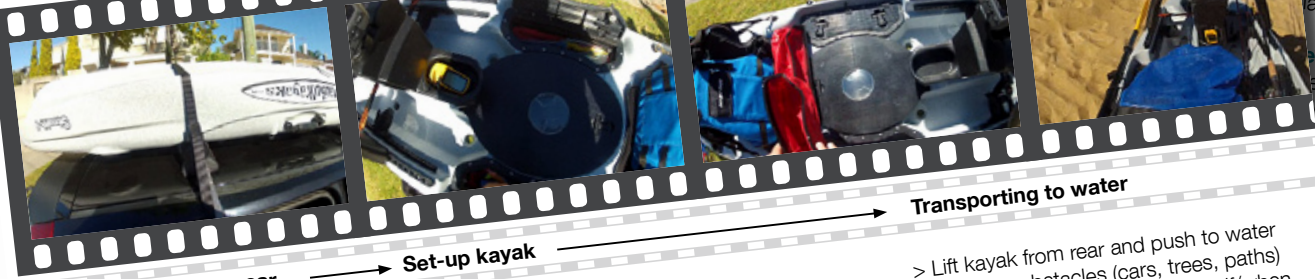


"The **Go-Pro Camera** allowed me to document the process of fishing on my kayak. Breaking down the tasks to identify problems and potential solutions"

1.07 Current Scenario

Go-Pro video based task analysis



- Unloading from car**
- > Release straps to remove kayak
 - > Lift kayak off roof (carefully)
 - > Place on ground to assemble
 - > Remove equipment from car boot and place beside kayak

Notes:

- > Shape must be easy to anchor down on roof
- > Consider nesting of equipment in car boot/roof

- Set-up kayak**
- > Attach trolley wheels (tighten strap firmly)
 - > Put ice in insulated bag
 - > Load rear equipment box (leash down)
 - > Attach centre console & rod holders
 - > Attach fish finder & battery + connect wires
 - > Insert side pockets & load with tackle
 - > Attach paddle & leash
 - > Place rods on kayak
 - > Place phone/keys/wallet in dry bag

Notes:

- > Have plenty of leashes/anchor points
- > Reduce complexity of fasteners (sliding tracks/snap fits instead of bolts/screws)

!

- > No-where to put decent esky/cold storage
- > Cramped side pockets for tackle
- > No separate storage for snacks/lunch

- Transporting to water**
- > Lift kayak from rear and push to water
 - > Navigate obstacles (cars, trees, paths)
 - > Push over sand/mud then drag if/when wheels lose traction

Notes:

- > Ensure trolley/wheels firmly attached
- > Reduce complexity of fasteners (sliding tracks/snap fits instead of bolts/screws)
- > Consider leverage over wheels
- > Must handle bumps/steps in surface
- > Manageable overall width + no protruding parts
- > Shock absorption in wheels
- > Handles front and rear

!

- > Weight & body position is awkward



Launching

Landing a fish

- > Get fish close to edge of boat
- > Use net to scoop fish up & lift onto kayak
- > Place rod somewhere
- > Use pliers/cloth to remove hooks
- > Measure size of fish
- > Release or dispatch fish
- > Place fish in cold storage

Notes:

- > Clear area for fish netting in kayak
- > Easy access to measure

!

- > Hooks get stuck in net
- > Tangled in upright objects
- > Location to deal with fish between legs)

!

- > Anchor gets tangled in other things in rear box
- > Awkward to reach anchor point
- > Prone to tipping when retrieving anchor

Casting soft plastics

- > Get suitable soft plastic and jig head out of side pockets
- > Put rod somewhere & attach plastic
- > Cast it out
- > Retrieve lure with action

Notes:

- > If possible stand/sit higher whilst casting/retrieving lure

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- > Obstructions in the way of casting/retrieving lure
- > Quickly drift into unseen structure
- > No "temporary" rod holder

Notes:

- > Ensure calm conditions for filleting

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- > No dedicated space for cleaning/ filleting fish
- > Fish slides of board when cutting
- > No adequate cold storage for final fillets/fish

The **Task Analysis** revealed issues such as the weight of handling, equipment set-up and attachment, stability when standing, obstructions getting lines/gear tangled & using the anchor



Returning fish

Returning to shore

- > Lift kayak up on shore
- > Remove from cooler box
- > Place somewhere
- > Board out from rear

- > Paddle with any waves/swell straight back to shore
- > Avoid submerged structure
- > Drag out of water
- > Rinse off sandy parts/ equipment in seawater quickly
- > Attach the wheels
- > Tow back to car
- > Dissassemble and pack (same)

Notes:

- > Keep all items organised - helps later on when packing/cleaning
- > Rinse everything down with fresh water at home

!

- > Hard work pushing back to car after paddling all day!

Figure 1. <http://www.snowtraxstore.co.uk/productimages/fullsize/c4b2ae6b-d4f7-4019-b862-837a8ddc33da.jpg>
All other photography in 'current scenario' section taken by author