
Operation #1: Prepare to depart

The operator will be able to:

- 1.1 **A: Determine suitability for departure...** *B: using information gathered about weather conditions, hazards to navigation and other environmental factors relative to departure time and duration of trip.*
- 1.2 **A: Put on a life jacket...** *B: ensuring it is appropriate for the boat/activity, sized correctly, serviceable, and adjusted to fit properly.*
- 1.3 **A: Confirm that all crew and passengers put on their life jackets...** *B: ensuring the life jackets are appropriate for the boat/activity, sized correctly, serviceable, and adjusted to fit properly.*
- 1.4 **A: Board and move about the sailboat...** *B: maintaining balance while keeping boat reasonably stable (e.g., minimal rocking) while boarding and distributing persons/gear appropriately.*
- 1.5 **A: Inspect the sailboat...** *B: using a pre-departure checklist to confirm a safe platform and verify required equipment is on board.*
- 1.6 **A: Rig sails and lines...** *B: following rigging procedures for specific boat, ensuring sail controls are operational, and using proper knots.*
- 1.7 **A: Communicate safety-related information to others on board....** *B: briefing passengers and crew prior to departure (e.g., location of safety items, key safety concerns, anticipated weather and water conditions, expected behaviors, rescue procedures, etc.).*
- 1.8 **A: Ready the sailboat (and crew if applicable) for departure...** *B: positioning boat properly using lines/fenders (if applicable), considering wind and current and communicating departure plan (if applicable).*

Operation #2: Leave point of departure (e.g., dock, mooring, shoreline, etc.)

The operator will be able to:

- 2.1 **A: Secure positions of rudder and centerboard (if applicable)...** *B: adjusting centerboard and rudder for departure, ensuring neither comes in contact with the ground or objects in the water.*
- 2.2 **A: Raise the sails....** *B: positioning boat correctly relative to the wind and conditions (e.g., current), using appropriate sail raising techniques, and maintaining control of the boat and sails throughout.*
- 2.3 **A: Get underway and start sailing...** *B: checking for clear departure, pushing or turning boat in appropriate direction and coordinating sails and tiller adjustments to get boat under control.*

Operation #3: Maneuver in close quarters

The operator will be able to:

- 3.1 **A: Turn the sailboat in a 360-degree circle...** *B: using proper tiller, sail, and weight positioning, and turning within a distance of four boat lengths.*
- 3.2 **A: Turn the sailboat out of a head-to-wind position (i.e., get out of irons)...** *B: getting boat sailing again on intended tack, properly adjusting sails and tiller.*

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Operation #4: Operate in open water

The operator will be able to:

- 4.1 **A: Steer the sailboat in a straight line (hold a steady course)...** B: using sail trim and tiller and adjusting the boat's heading for changes in the wind (speed or direction) to maintain course within +/- 10 degrees for 10 boat lengths.
- 4.2 **A: Place the sailboat in the safety position (or heave to if applicable for boats with two sails) and then resume sailing on a specific tack...** B: using proper control of sails and tiller.
- 4.3 **A: Turn the sailboat away from the wind...** B: adjusting sails and tiller and communicating to crew if appropriate.
- 4.4 **A: Turn the sailboat toward the wind...** B: adjusting sails and tiller and communicating to crew if appropriate.
- 4.5 **A: Slow and then accelerate the sailboat maintaining constant heading...** B: adjusting sails and tiller.
- 4.6 **A: Tack the sailboat...** B: using proper sail control, tiller movement, and body movement; and communicating to crew (e.g., 2-part command), if appropriate.
- 4.7 **A: Sail the boat upwind (i.e., close-hauled or on a shallow close reach)...** B: using proper sail trim and tiller control.
- 4.8 **A: Sail the boat on a reach (across the wind; i.e., deep close reach, beam reach or shallow broad reach)...** B: using proper sail trim and tiller control.
- 4.9: **A: Sail the boat downwind (i.e., on a deep broad reach or run)...** B: using proper sail trim and tiller control.
- 4.10 **A: Sail directly downwind...** B: avoiding an unintentional jibe for 10 boat lengths.
- 4.11 **A: Jibe the sailboat...** B: using proper sail control, tiller movement, and body movement; and communicating to crew (e.g., 2-part command), if appropriate.

Operation #5: Arrive at destination (e.g., dock, mooring, shoreline, etc.) making first contact

The operator will be able to:

- 5.1 **A: Ready the sailboat for arrival...** B: using appropriate boat position relative to arrival point (e.g., dock, mooring, shoreline, etc.), sail configurations, and docklines/fenders (if applicable), taking wind and current into consideration.
- 5.2 **A: Secure positions of rudder and centerboard (if applicable)...** B: adjusting centerboard and rudder for arrival, ensuring neither comes in contact with the ground or objects in the water.
- 5.3 **A: Bring the sailboat to a stop at a specified location...** B: checking for a clear approach, turning boat in the appropriate direction and using proper control of tiller and sails (if applicable) to arrive smoothly.
- 5.4 **A: Lower the sails...** B: positioning boat correctly relative to the wind using appropriate sail lowering techniques and maintaining control of the boat and sails throughout.

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Operation #6: Secure the boat (preparing to leave craft unattended)

The operator will be able to:

- 6.1 **A: Secure the sailboat...** B: using appropriate lines, knots, and proper fender positioning (if applicable), allowing for possible changes in wind, current and tide.
- 6.2 **A: Ready the sailboat to be left unattended...** B: stowing properly all equipment/gear, lines, and sails.
- 6.3 **A: Get off the sailboat...** B: keeping the boat reasonably stable (e.g., minimal rocking) while offloading persons and gear.

Operation #7: Perform general safety/emergency procedures/maneuvers

The operator will be able to:

- 7.1 **A: Depower the sailboat quickly...** B: adjusting sails and tiller appropriately to control the boat.
- 7.2 **A: Avoid collisions...** B: by maintaining a proper lookout, assessing potential risk of collision and taking early and substantial action.
- 7.3 **A: Accept a single line or side tow...** B: maneuvering safely for at least 20 boat lengths.
- 7.4 **A: Return to man overboard (MOB)...** B: using a suitable method to maneuver boat (e.g., Figure-8, Quick Stop, Quick Turn) and stopping the boat at a reasonable distance from mob (e.g., arms' reach for sailing dinghy; ½ boat length for keelboat) in a reasonable period of time for the situation (i.e., boat size/configuration, wind/water conditions).
- 7.5 **A: Recover a capsized sailboat...** B: using proper techniques to return the boat to an upright position, re-enter boat, and ready boat for sailing.*†

**Note: This skill applies to boat types that allow for unaided capsized recovery and re-boarding without assistance*

†Note: Persons with disabilities may require assistance to complete this skill

Origin and Development of EDU-3, Sail Boat Standard

This is the first publication of EDU-3. It is the work of the On-Water Education Project Technical Committee.

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