



## Short instructions on the use of YCC's Bombard 525 (GE 22024)

Max. registered persons: 10 (provided corresponding life jackets are present)

Notes compiled by Tim Foster, Alberto Pace and Marcel Arditì May 2021, rev. 2022



video available here : <https://youtu.be/At2kYgySi74>

### A. Differences v s. YCC's Boston Whaler ( Q -boat "ResQ"):

- **Air pressure** in the floatation tubes must be adjusted with the air pump on-board at the beginning (first in the day) and the end of each outing (last in the day):
  - o the correct pressure at the start of an outing is **3.4 psi or 240 mb (0.24 bar)**. **Warning:** if the pump has a pressure gauge, note that this value is near the low end of the dial range... If no pressure gauge is present on the pump, the pressure is correct if the cones at the rear of the tubes are stiff and you should not be able to bend them by hand; there are four valves, for four separate air chambers;
  - o at the end of an outing (last in the day), **reduce the pressure** in the four chambers by releasing air in each valve for about **2-3 sec**, the chambers still holding their shapes; the corresponding pressure should allow you to press your thumb 1-2 cm on the tubes, and correspond to less than about 3 psi or 210 mb.
- There should be **six life jackets** on-board, but only two of these are of the safest type; the other four in case of emergency. They all satisfy regulations but, if a crew of more than two plans a longer outing, the additional persons should bring their own jackets.
- A **white navigation light** is available on a stainless-steel pole to be fitted atop the console; normally stored near the floor on port side, or starboard; please check its operation periodically.
- Briefly **revving up the motor** in neutral gear is possible by simply lifting the black lever next to the main gear-handle, on the right side of the console, leaving the handle alone in **neutral position**.
- **The bilge pump starts automatically as needed**, but can also be operated manually on the console if needed. Note that the pump only operates when the main switch is ON. Thus rain water may accumulate between outings.

### B. Similarities with YCC's Boston Whaler

- Bombard cannot be reserved/used for leisure or entertainment. Its use is reserved for **safety surveillance** and regatta supervision/organization of YCC events.
- It is the driver's responsibility to **refill gasoline tanks** (main and spare, **unleaded 95**), then get reimbursed via an expense form.
- **Required equipment** must be checked at each outing. Any item missing or broken must be reported to: [ycc-maintenance-motorboats@cern.ch](mailto:ycc-maintenance-motorboats@cern.ch).
- The driver must **fill-in the paper log-book** on-board, plus the electronic log as for every YCC boat.
- The main **battery switch** (under the seat) must be switched off when (last) leaving the boat for the day.
- Console and seat must be **covered** when leaving, to protect them from rain and UV.

(list of **safety equipment** on the back -- in French !)

## Equipement obligatoire pour Boston Whaler et Bombard 525

Selon OCV, 25.03.2021

- **Seau**
- **Pompe d'épuisement**
- **Klaxon ou corne**
- **Pavillon de détresse** (couleur rouge, dimension minimum 60x60 cm)
- **Gaffe**
- **Rames ou pagaies** (pour autant que le bateau puisse être ainsi gouverné)
- **Ancre** avec corde ou chaîne (3 longueurs de bateau, mais 20m au moins)
- **Cordages** (appropriés au poids et à la longueur du bateau)
- **Extincteur** selon la norme EN ISO 9094 (bateaux marchandises : 6 kg) Pour tout moteur fixe (in bord), ou tout moteur hors-bord d'une puissance supérieur à 25 kW
- **Bouée de sauvetage** (d'une poussée hydrostatique de 7.5 kg minimum, et pourvue d'une drisse de rappel flottante mesurant au moins 10m de longueur **Bouée de sauvetage**) Article 134 alinéa 5 ONI
- **1 gilet avec col** de sauvetage, pour chaque personne se trouvant à bord (poussée hydrostatique de 7.5 kg au moins) Article 134 ONI. Enfants de moins de 12 ans, gilet de sauvetage à leur taille.