

# COMMANDER 4.0

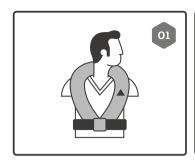
LIFERAFT USERS MANUAL .....ENG

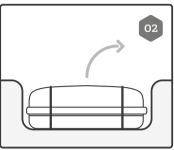


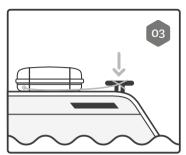


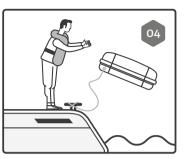
### **Table of Contents**

	Page
Liferaft Operator's Guide (pictograms)	2 - 3
Safety instructions	18
Instructions for use	19
Life on board	20 - 22
Rescue procedure	22
Equipment on the raft	16,22
Handling and storage	22
Periodic servicing	23
Customer Service	23
Warranty	24
Liferaft overview	12 - 24

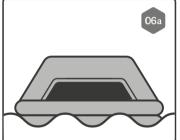


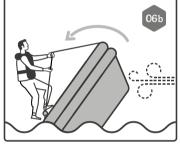


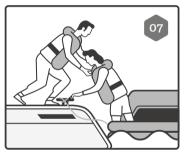








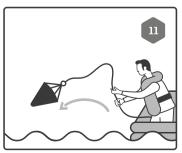


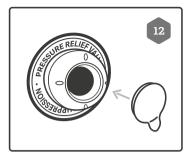




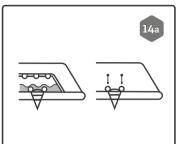


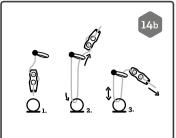


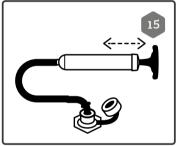


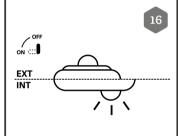


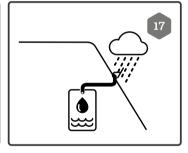
















### Safety instructions

A boat, even in the case of damage, is more visible than a life raft.

### **BEFORE RELEASING YOUR RAFT, YOU MUST:**

. Heave to or stop the boat

. Put on your lifejacket

. Take what you can to aid your survival - food, water, medication & extra clotches . Set off your emergency beacon (EPIRB...)





### Instructions of use

The points detailed in this chapter are illustrated by pictograms on the markings you find on the container, the bag and inside the raft. The numbers below are also indicated on each pictogram in the chapter Liferaft Operator's guide (Page 2-3).

- 1. Before starting the procedure for launching your life raft, make sure that all crew members wear a lifejacket.
- 2. Take your liferaft out of its storage area.
- **3.** Prepare your raft before launching. Place it on the deck and tie it firmly to a fixed point on the boat. **Note:** Do not strike your raft on deck.
- 4. Launch your life raft in the water.

**Note:** Before launching your raft, position yourself as far as possible on lee side (wind in the back).

- **5.** To inflate the life raft, pull the painter out of the container/valiseuntil red mark, then pull painter swftly to actiovate the inflation system.
- 6. Once inflated the raft, you can be confronted with 2 situations:
- **a.** Your raft has been deployed in upright position. In this case go directly to point 7.
- **b.** Your raft opened in a capsized position (upside down). In this case try to right it from the boat. If this maneuver is not possible, jump in the water and swim to the raft. Rotate the raft to meet the lee side. Use the ladder to climb the raft. Lean on the raft edge at the marked location. Take the ladder handle closest to you and swing your body back to right the raft.

- **7.** To embark it, if possible, secure the raft against the boat. Help crew members get on board. If you have to board from the water, follow the life lines to the boarding area.
- **8.** If it is necessary to get away from the boat, cut the mooring line using the knife attached to the inner life line.
- 9. Move away from the boat using 2 paddles at the entrance to the raft.
- **10.** At the entrance to the raft there is a line with a floating ring. Use it to help crew members still in the water to join the raft.
- **11.** Once the raft is far enough away from the boat, unfold the sea anchor to stabilize the liferaft, keep you upwind or choose to drift with the current.
- **12.** Close the overpressure valves using the plugs provided in your safety pack.
- **13.** Bail water out if necessary. Be sure to keep the raft in good condition.
- **14.** Close the entrance according to the indications (pictograms) on the inside of the canopy.
- **15.** Inflate the raft if necessary. Use the hand pump provided in your safety pack. You have 3 inflation points inside the raft.
- **16.** The lighting system (internal and external) come automatically «on» when the liferaft is inflated.

**Note:** By day it is recommended to turn them off.

**17.** Collect rainwater. Your raft is equipped with a system for collecting rainwater.





### Life on board

### Survival tips on a life raft:

. Let the most experienced person organize life on board.

Establish the following rules:

### . Stabilize your raft

You must organize the interior of the raft to prevent it from capsize. Try to balance the weights of people and equipment you have on board.

#### . Establish watches

Watch is the most important activity. The crew member who is on watch is responsible for tracking navigation, time control, checking the condition of the raft, and caring for other people on board.

. Protect yourself from extreme cold, wind, water, heat, sun

Exposure to cold may cause hypothermia or affect the extremities of the body (fingers, toes, nose, cheeks, ears).

To fight against the cold, keep the canopy closed and sit tightly seated or lying down.

Exposure to heat can cause dehydration and great fatigue. To protect yourself from the heat, stay dressed, under the canopy. Decrease your activity, hydrate yourself. Ventilate the raft.

#### . Prepare your distress signals

Make an inventory of your distress equipment. Use your various equipments wisely.

You have the following equipment:

Flashlight

Signaling mirror

Whistle

Hand flares (maximum visibility 5 to 10 nautical miles)

Parachute flares (maximum visibility 25 to 35 nautical miles)

If a boat or an aircraft is located:

To send an SOS, use the flashlight or the signaling mirror.

In morse code the distress signal (SOS) is interpreted by:



If the boat or the aircraft does not spot you, send a parachute flares or hand flare.

**Note:** Do not use everything at the same time.







#### Water and food rations

Prefer hydration of your body. Do not eat during the first 24 hours. Your body must adapt to reduced rations. Rations can be consumed instantly. In a survival situation it is recommended to consume 1 fodd ration and 2 pockets of water per person per day.

#### Organize water recovery

Your liferaft is equipped with a system to collect rainwater. Inside you will find a flexible hose fitted with a valve. This hose is connected to a gutter on the outside. Discard the first amount of rainwater collected. Then use the plastic bag bags provided in your safety pack.

Note: Never drink sea water.

### First aid and saving postures:

The preliminary examination of the victim conditions the saving postures.

Wounds = Extend, protect, disinfect

Fracture = Immobilize

Malaise = Resting, watching

Hemorrhage = Compress

Unconscious = Put on the side

Respiratory Stop = Blowing

Circulatory Stop = Massage and Blow

Burn = Water and cool

#### In case of a puncture:

You can easily repair a leak on the tubess or the air arch.

You will find inside your emergency pack:

1 plastic cone

1 emergency repair system

1 repair kit (brush, spatula, sandpaper, patches, paire de scissors, glue)

### How to repair a leak on a tube?

- **1.** Use the emergency repair system
- 2. Insert the base plate into the split
- **3.** Pull the plates together, across the split, using the landvard
- 4. Tighten the nut to seal the leak.
- 5. Inflate your liferaft

**Note:** If one of the two float tubes flees, the other will keep you afloat.













### Rescue procedure

If you have been spotted by a boat, get ready for the rescue maneuver. Make sure all crew members wear their lifejackets.

#### Towing rescue procedure:

Get ready to grab a mooring from the rescue boat. Your raft is equipped with a towing loop (see point no13 Overview of the raft). Take the mooring on the towing loup of your raft.

Note: Never use the safety lines as a towing point.

### Helicopter rescue procedure:

Fold the canopy of your raft to facilitate the hoist maneuver.

### . Hoist strap:

This is the most commonly used way to evacuate valid people. The strap goes under the arms, you face the hook and hold your arms down, hands joined. This position must be kept until re-entry into the helicopter.

### . Safety net:

Climb into the net, sit at the bottom, facing the exit. Grab the net with one hand at the bottom, the other on the side.

### **Emergency equipments**

Emergency equipments inside the raft and the grab bag may vary depending on the flag and the country to which the vessel belong. Refer to the markings on the raft, on the grab-bag and in the manual (ARMING PACK table on page 16).

### Handling and storage

#### Handling:

HERO liferafts are equipped with 3 heavy-duty carrying handles as standard. Carry your raft to 2 people.

**Note:** Be careful not to pull the halyard (trigger line). Avoid all shocks.

#### Container packing:

Your raft is equipped with 2 handles placed on the sides and a third placed in the middle.

It is recommended to transport the raft horizontally.

#### Valise (bag) packing:

Your raft is equipped with 2 carrying strap (hand or shoulder).

### Storage:

Your raft must always be accessible. If your boat is equipped with a storage box, place it inside.

Do not remove the hoops that keep your raft closed.

Position the raft so that the instructions are visible.

Do not store anything on the raft.

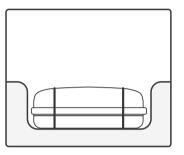
Make sure your raft is properly wedged.

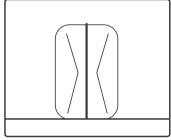




### Container packing:

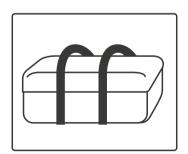
Inside storage in a locker or outside on a craddle mounted for this purpose. Your raft can be installed in a horizontal position or in a vertical position.





### Valise (bag) packing:

Storage inside in a locker or inside the boat. Your raft must be placed in a dry, ventilated and protected from the weather.



### Servicing

The label (stickers), affixed to the container or placed in the valise pocket, specifies the date of the next mandatory service. This date may vary depending on the country and the navigation zone.

Find your nearest service station on our website: www.herolife.net.

### Customer service

If you have any questions or comments about your life raft, please contact our reseller network. Further information on REVERE liferafts can be found at **www.reveresurvival.com**. If you need help, contact our customer service: by phone at (904) 503-9733

by email: sales@reveresurvival.com

Customer service opening hours:

Monday to Friday from 09:30 to 12:30 and from 13:30 to 17:30





### Warranty

RevereSurvival grants its customers a 12-year manufacturer's warranty. You benefit for free, for use in accordance with the manufacturer's specifications, a contractual guarantee on the functional parts of the liferaft.

### Warranty registration:

To benefit from the Revere Survival manufacturer's warranty you must register your liferaft by completing the warranty form available on the website www.reveresurvival.com or email a copy of the warranty and proof of purchase to sales@reveresurvival.com.

The warranty period starts from the date of purchase of the life raft by the final user. The identification card containing the dealer's stamp and the date of sale, must be presented for any request for warranty coverage.

You can consult the general conditions of guarantee by visiting the site.

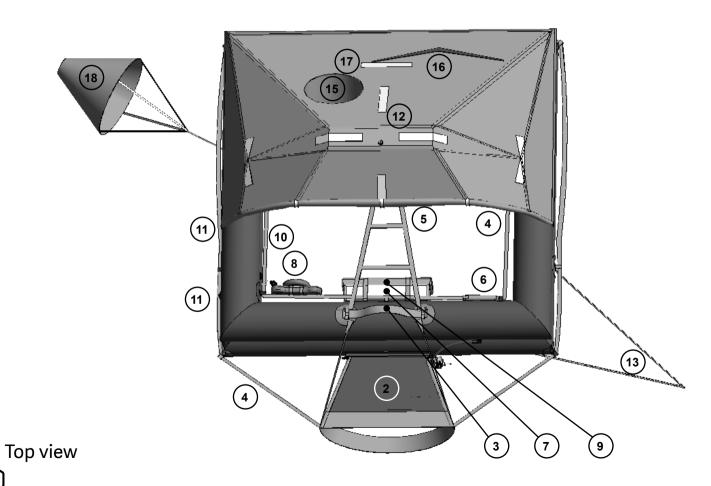
You must comply with the servicing deadlines recommended by the manufacturer to access the manufacturer's warranty. These deadlines are recorded in the identification card of your life raft.

### Liferaft overview

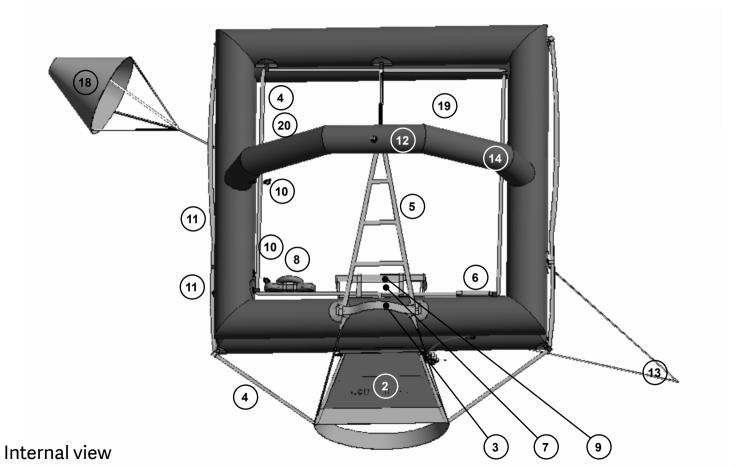
- 1. Boarding ladder
- 2. Boarding ramp \*
- 3. Boarding handle
- 4. Safety line (outside/inside)
- 5. Inner ladder
- 6. Floating knife
- 7. Emergency pack
- 8. Floating ring (with safety line)
- 9. Paddles
- 10. Inflation valve
- 11. Over pressure valve
- 12. Lighting system (outside/inside)
- **13.** Towing anchor point
- 14. Automatic inflatable air arch
- 15. Watch window
- 16. Rain water collection system\*
- 17. Retro reflective tape
- 18. Sea anchor
- 19. Foam/Aluminium floor\*
- 20. Action to be taken manual

<sup>\*</sup> Only on COMMANDER 4.0 OFFSHORE range.











### **EMERGENCY PACK**

EMERGERO 11 AGR			
Liferaft type:	COMMANDER 4.0	COMMANDER 4.0	
Equipments:	OFFSHORE	COASTAL	
Signal mirror	1	1	
Whistle	1	1	
Red hand flare	3	•	
Parachute flare	2	-	
Seasickness pills	6/Prs	•	
Sickness bag	1/Prs	1/Prs	
Signal lamp	2	-	
Dry cell + bulb	2	•	
Repair kit	1	1	
Bailer	1	1	
Sponge	2	2	
Mini quicker	1	1	
Manual	1	1	
Sissors	1	1	
Waterproof bag	1	1	

### STANDARD EQUIPMENT

Floating knife	1	1
Rescue quoit-line	1	1
Sea anchor	1	1
Paddle	2	2





Notes





Notes		





No	otes		



## **COMMANDER 4.0**

### **REVERE SURVIVAL INC**

5323 Highway avenue 32254 JACKSONVILLE United States Florida (904)5039733 sales@reveresurvival.com www.reveresurvival.com