



Triad Marine & Industrial Supply

Marine Safety Equipment & Supplies

Ph: 713-338-5060 800-985-5060 Fax: 713-338-4956

Additional Survival Equipment

It is recommended that you become familiar with the safety equipment packed in your Life Raft, and consider adding additional items in a separate over board bag. The following is a list of the things that should be considered. The list is designed as a guide, and may be amended for personal preferences.

The Bag:

Should be buoyant when packed and have a lanyard with snap hook secured to the outside of the bag. Water tight is also a plus. Consider waterproof bags designed for use on white water rafts. There are several choices of fabric. There are several other types of containers available. Find one that will work for you. (Make sure your packed bag will float. Do Not Believe It Until You See For Yourself.)

Electronic Communication Equipment:

1. **EPIRB** - Either Mini B or Type II 406
2. **Hand Held VHF W/Spare Batteries and Waterproof Bag for the VHF**
3. **Transponder** - This is a relatively new piece of equipment available to the life raft market. It is expensive, but effective. The military and some commercial users have been using this type of equipment for several years.

Food and Water:

1. **Additional Water Packets** - 2 to 3 Quarts per day per Person. (16oz. per day on short ration.)
2. **Reverse Osmosis Water Maker.** - Next to a Life Raft and a 406 EPIRB, this will be money well spent.
3. **Solar Still**- Highly Efficient, but hard to Find
4. **De-Salter Kit**- One Time Use, Expensive
5. **Emergency Rations.** - We recommend 3600 Kcal USCG approved rations. (Four bars per person per day.) If you decide to stock other food items, do a little homework. Stay away from foods that may increase thirst. Check with your Doctor if you or your regular crew have any medical problems that might require dietary considerations.

Medical Equipment:

1. **Prescription Medicine** that is used by crew members
2. **Prescription Glasses\Sun Glasses** - If you need glasses, you need a spare set in the OB-Bag. Sun Glasses will also come in handy
3. **Supplemental First Aid Kit Items.** - Amend this kit with what ever your medical training will allow. Talk to your Doctor. Take a First Aid Course!!!
4. **Mylar Space Blankets**
5. **Thermal Protective Aids** - TPA's are great in helping to prevent Hypothermia. They are inexpensive and some types are SOLAS approved.
6. **Sun Block/ Lip Balm** - Both will be necessary, and are almost never packed in a first aid kit.

Personal Items:

1. **Saltwater Soap** - Personal Hygiene is good for morale.
2. **Dry Clothing** - A change of clothes packed in a vacuum bag can come in handy.
3. **Floppy Hats** - That cover the ears. They can also be used as bailers.
4. **Feminine Hygiene Products** - Don't forget your female crew members. This is the most overlooked item on any list. Sanitary napkins can double as bandages for your medical kit.

Signaling Equipment:

1. **Extra USCG/SOLAS Red Parachute Flares** - Don't accept any substitute. Make sure that they are in date.
2. **Extra USCG/SOLAS Red Hand Held Flare** - Ditto #1
3. **USCG Approved Signaling Mirror** - Read the directions when you get it and learn how to use it. There are some neat tricks on knowing where you are really aiming the reflected light.
4. **Spare Flashlight** - preferably waterproof with spare bulb and batteries.
5. **Air Horn** - Sound carries over water.
6. **Whistle** - For when the air horn is used up.
7. **Orange Flag** - Tie this to a paddle and wave like hell. This simple motion may attract attention when other methods have been used up.
8. **Cylume Chemical Light Sticks** - They may work when other supplies have been exhausted.

Miscellaneous Equipment:

- | | | |
|--------------------------------|----------------------------------|----------------------------|
| 1. Charts | 2. Zip lock bags | 3. Additional Fishing Gear |
| 4. Extra Nylon Line/Twine | 5. Sewing Kit | 6. Second Sea Anchor |
| 7. Pencil & Water Proof Paper | 8. Hand Held Compass | 9. Extra Knife |
| 10. Hawaiian Sling W/Spare Tip | 11. Gallon Collapsible Container | 12. Book on Fish |
| 13. Book on Seaweed | 14. Survival Manual | 16. Type I Life Jackets |

Prepare for the worst and enjoy your sailing, knowing that you are prepared.

Add any additional gear as you deem necessary. If you are prepared for the worst case scenario, you and your crew will survive.

If you have any questions about this list or other supplemental safety items please call Homer Lambert at Triad Marine. We will be happy to discuss your concerns and do our best to help you solve any particular safety or survival problem you might have. We will also be happy to amend our list with any suggestions you might have.