



Corporate Aviation Survival Training - Concepts Overview

PMA + 98.6 = BCS: Positive Mental Attitude plus 98.6 degrees (Physiology) equals The Best Chance for Survival

Priorities and Necessities of Life: (Survival Time Without it)

Ask: What will kill me first?

1. PMA – (Seconds)
2. Air – (Minutes)
3. Shelter – (Hours)
4. Rest – (Days)
5. Water – (Days)
6. Food – (Weeks/Months)

Essential Survival Skills: Wilderness medical, Shelter, Firecraft, Signaling, Water disinfection, Navigation.

Clothing Systems: 1st Line of defense

- Always carry Immediate Action Clothing/Shelter, i.e. wool hat, extra gloves, shelter bag, mosquito net.
- Bring Windproof and Waterproof material with you.
- Dress for the terrain and climate over which you fly, not just where you take off and land.
- Prepare clothing as a system covering 5 zones of the body: Feet, Hands, Head, Torso, Legs.
- Insulation equals trapped dead airspace; create it in your shelter and clothing.

Environment Specific Emphases:

Mountain Cold Weather considerations: Firecraft, shelter, and insulation.

Desert considerations (hot): Shade, drinking water, conserve sweat, rest at midday, work at night.

Tropical considerations: Vaccinations (prophylactic), get off the ground, stay dry, and conserve sweat.

Open Water considerations: Exposure suits, avoid the water if possible, flotation and drinking water.

Raft Survival – Initial actions with a liferaft:

Cut – The lanyard/painter

Stream – The sea anchor; distance equals crest to trough of the major swell

Close – The canopy

Maintain – The interior of the raft

Survival Kits: 6 component groups + examples

Shelter – small, light, windproof, waterproof, tough, and insulates.

Firecraft – metal match, cotton + petroleum jelly, waterproof container.

Signaling – electronics (ELT, PLB, EPIRB), mirror, light, whistle.

Survival Medical – Personal meds and comfort.

Water disinfection and storage – small filter pump (check kill effectiveness for viruses and cysts) or use chlorine dioxide.

Tools – Multitool, knife (solid shank), folding saw, compass.