



- ◆ SAFETY
- ◆ SURVIVAL
- ◆ SECURITY

LTR TRAINING SYSTEMS

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Aircraft Underwater Escape Training

Emergency Breathing Devices

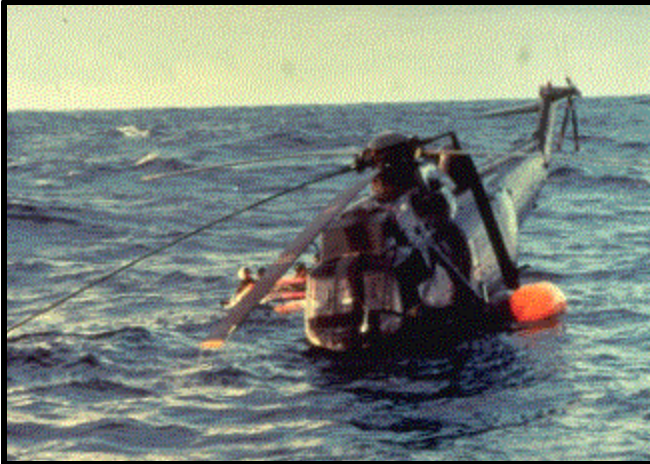
HUET/HEED/HABD

Course 103

Curriculum Overview

(8 hrs Classroom, 8 Hours Pool)

The Aircraft Water Escape program is designed to prepare individuals for an over-water emergency while traveling to and from offshore oil facilities, military/civilian vessels and specialized operations. Emphasis is placed on techniques for escaping both stable and submerged airframes. Students learn and actively perform skills in a pool environment, guided by instructors, using two different portable airframe escape trainers as well as life rafts, lifejackets and HEED/HABD emergency breathing devices. The program consists of both classroom and pool instruction and is accompanied by the LTR Training Systems underwater escape manual, preflight safety checklist, training certification card and certificate.



Course Objectives

- 1) To become familiar with pre-positioned aircraft life-support equipment and its function and usage.
- 2) To identify body positions and restraint systems that minimize impact trauma.
- 3) To identify the Ten Obstacles to escaping a submerged airframe.
- 4) To memorize the Seven Steps for escaping a submerged airframe.
- 5) To become familiar with the benefits, limitations and hazards of using compressed air breathing devices

Course Content

- 1) Helicopter and Fixed Wing impact forces
- 2) Pre-crash positioning and restraint systems.
- 3) Drowning and resuscitation. Autonomic stress reactions in water emergencies.
- 4) History of escape training, Aircraft familiarization. (Client specific)
- 5) Obstacles for escaping submerged air frames,
- 6) Stable escape scenarios, Life-raft deployment
- 7) Physics of compressed gases, operational usage of HEED/HABD, Basic Maintenance of HEED/HABD
- 8) Actions on the surface, Signaling for rescue, Dealing with rescue forces.
- 9) Survival Swimming, Life raft boarding and survival, Life support Equipment,
- 10) Aircraft simulator training

Program Information

Class Dates: CALL
Class Time: 8:00 am to 5:00 p.m.

Size: Maximum 10, Minimum 7
Basic Course Fee: CALL

Student Requirements: Fitness to Participate and Risk Agreement forms. Pool, bring an extra pair of jeans and a T-shirt to get wet in the pool. Also a towel and plastic bag for wet clothes. (You may want to bring your own lock for the pool locker room)