

6. Helicopter Underwater Escape Training (HUET) Safety Diver

6.1 Introduction

This course provides training and experience to competently act as a safety diver during Helicopter Underwater Escape Training (HUET) operations. This course includes theory presentations on hazards associated with HUET operations, physiological response to stress and intervention techniques and commands and emergency procedures associated with HUET diving.

6.2 Qualifications of Graduates

Upon successful completion of this course, graduates may engage in Helicopter Underwater Escape Training (HUET) safety diving provided the diving activities, areas of activities and environmental conditions approximate those of training.

6.3 Who May Teach

1. Any active ERDI Instructor with a HUET Distinctive Specialty qualification may teach this course.

6.4 Student to Instructor Ratio

Academic:

1. Unlimited, so long as adequate facilities, supplies and time are provided to ensure comprehensive and complete training of subject matter.

Confined Water (swimming pool-like conditions):

1. A maximum of 4 students per instructor.
2. It is the instructor's discretion to reduce this number as conditions dictate.

Open Water (ocean, lake, quarry, spring, river, or estuary):

1. N/A as this course is swimming pool, confined water based.

6.5 Student Prerequisites

1. Minimum age 21.
2. Certified as an SDI Rescue Diver or the equivalent.

3. Provide proof of completion of first aid training within the past 2 years.

6.6 Course Structure and Duration

Pool/Confined Water Execution:

1. Eight sessions are required and are to include:
 - a. Ditching scenarios on water.
 - b. Partial submersion.
 - c. Full submersion.
 - d. Full submersion with capsized.

Course Structure:

1. TDI allows instructors to structure courses according to the number of students participating and their skill level.

Duration:

1. The minimum number of classroom, briefing and pool work is 14 hours.

6.7 Administrative Requirements

Administrative Tasks:

1. Collect the course fees from all the students.
2. Ensure that the students have the required equipment.
3. Communicate the schedule to the students.
4. Have the students complete the:
 - a. *ERDI Liability Release and Express Assumption of Risk* Form.
 - b. *ERDI Medical Statement* Form.

Upon successful completion of the course the instructor must:

1. Issue the appropriate ERDI certification by submitting the ERDI Diver Registration form to ERDI Headquarters or registering the students online through member's area of the ERDI website.

6.8 Training Material

Required material:

1. *Tropical Basic Helicopter Underwater Escape* Training Manual.

2. *Tropical Advanced Helicopter Underwater Escape* Training Manual.
3. OPITO HUET stress and exit report.

The following equipment is required for each student:

1. Mask, fins, snorkel.
2. Buoyancy compensator device (BCD) with a low-pressure power inflator.
3. Regulator with submersible pressure gauge.
4. Alternate air source.
5. Weighting system.
6. Compressed gas cylinder.
7. Cutting device.
8. Exposure suit appropriate for the training conditions.
9. Light, during night training.

6.9 Required Subject Areas

The instructor may use any text or material that they feel best presents these topics.

The following topics must be covered on this course.

1. Hazards associated with HUET operations and diving.
2. Roles and responsibilities of HUET dive team.
3. Legislative requirements that apply to HUET operations.
4. HUET operational and emergency procedures, commands, communication and signals.
5. Function and operation of equipment used in HUET operations.
6. The physiological response to stress and suitable intervention techniques.

In order to complete this course, students must:

1. Score minimum 80 percent on the ERDI HUET written test with 100 percent remediation.
2. Demonstrate mature, sound judgment concerning training, dive planning and execution.
3. Complete all 8 submersion drills safely and efficiently including a simulated casualty recovery from inside the HUET cabin.