



COURSE INFORMATION HANDBOOK

FOR

HELICOPTER UNDERWATER ESCAPE TRAINING (HUET)

PMAOHS214B

RTO Provider No. 2762

CRICOS Provider No.03103B



NATIONALLY RECOGNISED
TRAINING

INTRODUCTION

CareFlight Training Services (CTS), a Registered Training Organisation and a division of the CareFlight Group Queensland, trains more than 3000 aviation professionals each year. CTS courses in Helicopter Underwater Escape Training (HUET) are held in various major cities and regional centres around Australia, including Sydney, Melbourne, Brisbane, the Gold Coast and Townsville.

This course meets the requirements of;

National Competency Standard PMAOHS214B Undertake Helicopter Safety and Escape

This course has been specifically designed to meet the ever increasing requirements for safety, awareness of dangers and standards for flight over or near water.

CTS instructors are highly qualified and experienced operational personnel from the CareFlight Group Queensland, one of Australia's largest air medical retrieval organisations. The instructors have experience in a wide variety of emergency rescue and aviation areas, including search and rescue operations, marine safety and survival techniques.

CTS provides training which allows clients to gain the necessary skills and knowledge to confidently manage a situation where underwater helicopter escape is required.

All courses offered by CTS can be tailored to meet the specific needs of clients, as well as meeting national training program requirements. The course materials and practical simulation training reflect the environment and situations that you may experience.

And most importantly every student on a Careflight Training Services course contributes important funds directly to the medical rescue services provided to everyday Australians by Careflight. We thank you most sincerely for considering undertaking your HUET course with Careflight Training Services.

Warm regards,

Ashley van de Velde



Chief Executive Officer

CareFlight Group Queensland

COURSE INFORMATION

Aims of the Course

This course aims to provide participants with a thorough understanding of the events and dangers surrounding a water ditching, and the skills necessary to survive an emergency ditching situation. These skills are taught by training in the use of the correct emergency and exit procedures, sea survival skills, sea safety skills and knowledge of common medical situations.

Who Should Attend the Course

This course is extremely beneficial for anyone who is involved in the aviation industry, particularly for those who will be flying over or near water. This course is necessary training for air crew, marine pilots, firefighters and aviation medical professionals.

Content of the Course

The course includes important background information, aviation theory and skill development of escape techniques through practical training.

Theoretical subjects include:

- **Emergency Preparation** – includes the importance of pre-flight preparation, briefing procedures and safe boarding techniques.
- **Personal Protective Equipment and Safety Equipment** – includes identifying and using common aviation PPE and helicopter safety equipment.
- **Emergency Procedures and Drills** – includes brace positions, personal response control, cockpit/cabin management and orientation.
- **Aircraft Underwater Escape Skills** – including development of an escape plan and the use of primary and secondary exits.
- **Deploying Life Saving Equipment** – includes knowledge on how to safely deploy life jackets and life rafts. This subject also covers how to safely board a life raft and life raft management.
- **Sea Survival Techniques** – includes cold water survival, swimming, HUDDLE positions, flotation and group survival techniques.
- **Search and Rescue Procedures** – includes techniques to minimise your rescue time including effective use of signaling equipment such as GPS systems, EPIRBs, flares and marker dyes.
- **Medical Safety** – includes prevention and treatment of hypothermia, hydration and dehydration considerations, along with general survivor well being.

Practical skill development includes:

- Underwater escape from an aircraft simulator
- Situational Personal Response Management
- Cockpit and cabin orientation, and exit location
- Lifejacket and life raft deployment
- Use of life saving appliances

Practical training will be given in a variety of ditching situations including:

- Inversion
- Night time simulation
- Combination day and night simulation
- Injury simulation
- Obstructed exits
- Assisting other persons from a ditched aircraft
- Life raft and EPIRB recovery

Simulator Training

CareFlight Training Services' advanced underwater escape training simulators have been specifically designed and certified for instructing students on how to escape from a varied range of aircraft. The training strategy used is designed to provide an understanding of the difficulties that maybe encountered when faced with a water ditching.

The simulator can carry up to six students, two seated in the front cockpit and up to four in the rear cabin. The front doors are hinged with jettison facility, while the rear doors are sliding.

Please note: Due to the practical components of the course it is important that you advise us if you are **unable to swim, have a fear of water or confined spaces**. These issues will not prevent you from participating in the course but will for your well being to be ensured during training.

The content of each course can be specifically tailored to suit any company or organisations operation. For example, a company flying over rugged, inaccessible locations can have the course content modified

to include land survival, basic first aid, fire fighting, search and rescue techniques and helicopter landing officer (HLO) training.

Assessment

To gain a nationally recognised Statement of Attainment, students need to demonstrate competence in both the skill and knowledge requirements of this course. This assessment will be conducted through observing skills in making a competent underwater escape from the aircraft simulator in a variety of escape situations. These escape situations will include 180 degree rollover, 180 degree rollover in blackout conditions and 180 degree rollover using a secondary exit.

Knowledge of the theoretical components of the course will be assessed through the use of a written questionnaire. Both assessments will be conducted at the end of each component of training. Notification of results will be given at the completion of the day's training.

Recognition of Prior Learning

RPL can be gained in this competency by undertaking both the written and practical assessment activities as outlined above. The written assessment will be made available online. This will be marked by an assessor prior to organising attendance for the practical component of the assessment. If the student is not successful in completing the knowledge component of the course they will be advised to attend the full course. Cost of an RPL assessment will be advised at the time of enrolment and will be at a reduced rate.

Course Group Size

A minimum of 12 and a maximum of 24 participants is recommended for each course. This number allows instructors to give each participant individual attention if required.

Course Duration and Location

The course is conducted in one day and the normal duration is approximately seven hours. Training is regularly conducted in the following locations;

- **Adelaide**
- **Brisbane**
- **Cairns**
- **Canberra**
- **Gold Coast**
- **Mackay**
- **Melbourne**
- **Sydney**
- **Townsville**

For details on course dates in your area please visit our website at www.careflightsafety.org.au

Training can be provided in other locations depending on a client's particular needs and the number of people who require training. Additional costs may apply and can be discussed by making an enquiry with CareFlight Training Services.

COURSE COST AND REFUND POLICY

You will be provided with the cost of the course upon making an enquiry with CareFlight Training Services. Course costs include manuals (contained on CD), all practical demonstration aids, morning tea and lunch. To secure a place on a nominated course clients will need to provide payment in full ten working days prior to course commencement. Late enrollments will be accepted if vacant positions on the desired course are available. Late enrollments will need to be paid in full at time of booking the course.

For organisations who wish to book a course for a minimum of 12 participants, a 50% booking payment will be required. Group discounts do apply and clients are invited to enquire about these at the time of booking. Group courses can be scheduled to suit the individual needs of the organisation. The final 50% payment will be required at the completion of the training course.

Available payment methods include credit card, cheque and electronic funds transfer (EFTPOS). Payment details will be provided when course bookings are made.

Refund Terms

Cancellations must be received by CareFlight Training Services via email or in writing within **seven** working days of the course commencement date. Another participant may be nominated to fill the booked position in the event of cancellation. If another participant is not nominated in the event of cancellation, a refund of the course cost minus 15% for administration costs will be given if CareFlight Training Services is notified within **seven** working days.

If CareFlight Training Services is unable to deliver the course for any reason participants will be notified within **five** working days of the course commencement. Participants will be offered an alternative date to attend the course. If the alternative date is not suitable the course cost will be refunded in full.

CONTACT DETAILS

For further information please call CareFlight Training Services on (07) 5656 9500

Email address: huet@careflight.org.au

ENROLMENT AND BOOKING INSTRUCTIONS

Participants wishing to enrol in the course must complete the questionnaire and enrollment form contained on the following pages. Payment for the course must be received when the enrollment form is lodged. This will confirm the participants place in the course.

TRAINING QUESTIONNAIRE

1. Have you undertaken HUET training in the past? If yes, when?

2. What is your role and responsibilities with your organisation?

3. What is your reason for doing a HUET course?

4. What are you hoping to gain from the course?

5. How well can you swim?

6. How would you rate your level of physical fitness? (Please circle)

Very Fit

Fit and active

Not very active or fit

**7. Do you have a fear of water or have you had a traumatic experience involving water?
If yes, please explain.**

8. Is there any additional information regarding your participation in Helicopter Underwater Escape Training (HUET) which would be useful for us to know?

9. Do you wish to apply for Recognition of Prior Learning (RPL)? (Please circle)

YES

NO

MEDICAL QUESTIONNAIRE

NAME:		
Are you presently or have you suffered from any of the following:		
Condition	YES	NO
1. Heart Conditions		
2. Elevated Blood Pressure		
3. Asthma		
4. Pneumothorax		
5 Lung Conditions		
6. Dizziness or Fainting Spells		
7. Epilepsy		
8. Migraine or Persistent Headaches		
10. Perforated Ear Drum		
11. Other Ear Disease		
12. Pregnancy		
13. Diabetes		
14. Back Condition		
15. Neck Condition		

Do you:		
Currently Wear Spectacles		
Currently Wear Contact Lenses		
Have any known allergies		If YES, what?

Do you suffer from any condition, medical or psychological, that may affect your participation in or completion of this training? Please give details below

If you have answered YES to any of the above questions please give details below:

Question No.	Details

Please Circle YES or NO

Do you have a current Aviation Medical Certificate?	YES	NO
Issued by:	Date of Issue:	Expiry Date:
Name of Current Doctor:	Last Visit:	Contact No:

I acknowledge that the information disclosed in this medical questionnaire, to the best of my knowledge and belief, is true and correct. I have disclosed all known and pre-existing conditions that may affect my ability to participate in Underwater Escape Training.

Signature	Date

NOTE: If necessary, at the discretion of the course facilitator, student suitability may be reviewed by the CareFlight Medical Director.

Application Form for Helicopter Underwater Escape Training

Course Date:

Course Location:

Personal Details

SURNAME:

GIVEN NAMES:

Date of Birth:

Email:

Company Name:

Company Address:

Home Address:

Work:

Home:

Mobile:

Facsimile:

Emergency Contact/Next of Kin:

Relationship:

Telephone:

Address:

Exemptions/Disclaimer

I am aware that as part of this course I will be participating in the following activities:

- A theory session (3 hours) covering important background information and preparation for practical skills training in the aircraft simulator
- Detailed poolside safety briefing and familiarisation of HUET simulator
- Practical escape training in a HUET simulator – this will involve being lowered into a swimming pool.
- Aircraft escape simulations involving a 180 degree rollovers and the use of blackout goggles.

I am aware that Careflight Training Services will take every effort to ensure my safety during these activities by providing:

- Two safety divers in the water with spare breathing regulators
- Water safety officer also in the water as the link to the crane driver / dogman
- Pool deck safety officer

I understand that such activities are dangerous undertakings, and in undertaking such activities I do so at my own risk.

I am also aware that it is a condition of my admission to and participation in this course that **CareFlight Queensland Limited** ACN 010 316 462 trading as **Careflight Training Services** ("**Careflight Training Services**") and its directors, officers, instructors, servants or agents are absolved from all liability (including liability for negligence) however arising for injury or damage howsoever caused (whether fatal or otherwise) arising out of my participating in the activities mentioned above or using the equipment used for or in connection with the activities or in any way whatsoever due to any act (negligent or otherwise), breach of duty, default and/or omission on the part of **Careflight Training Services**, its directors, officers, instructors, servants or agents.

I am also aware that any other person participating in the activities or using equipment in connection with the activities carried out by **Careflight Safety Services** are allowed to do so on the distinct understanding that they also do so at their own risk.

I acknowledge and agree that I have and will voluntarily participate in the activities, fully understanding the risks and dangers involved.

I release and discharge, to the full extent permitted by law, **Careflight Training Services**, its directors, officers, instructors, servants or agents from all claims and demands with respect to any accident, injury, damage, or loss to person or property (whether loss of life or otherwise), howsoever caused (including negligence). This release and discharge includes the programme and course design and implementation and methods used by **Careflight Training Services** in the course.

I indemnify and hold harmless **Careflight Training Services**, its directors, officers, instructors, servants or agents against any action, suit, damage, costs and expenses which may be made by me or on my behalf or by other persons or parties for or in respect of or arising out of my death or any injury, loss or damage caused to me by participating in the activities.

In the event that **Careflight Training Services**, its directors, officers, instructors, servants or agents are considered or found to be liable with respect to any accident, injury, damage, or loss to person or property (whether loss of life or otherwise), howsoever caused (including negligence), I acknowledge and agree that their liability shall be limited in any event to an amount of five hundred dollars (\$500).

I acknowledge receipt of the student information pack and understand the information contained therein.

I have fully disclosed in the pre training questionnaire information that may place me at risk during my participation in this training course and its practical training activities.

I, (full name) ("**Participant**")

of
 (address)

DO HEREBY ACKNOWLEDGE that of my own free will and desire I have contracted with **Careflight Training Services** for instruction and training in the activities and I have read and understood the warning and disclaimer above.

Signed by the Participant (*Participants signature*)

in the presence of: (*Witness*)

..... (*Name in full*)

PAYMENT
General

Payment is to be made by cheque/ money order, direct debit, credit card, made payable to CareFlight Training Services and to be directed to: Executive Manager - CareFlight
 P O Box 5078
 Robina Town Centre QLD 4224

Card Payment

Card Name: _____

Phone Number: _____

Payment Method: Credit Card - Visa - MasterCard - Diners - Amex Purchase Order Cheque Money Order

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Signature: _____ Expiry Date: / _____

Registration

Payment in full must accompany all registration. Organisation / Company purchase orders are acceptable.

How did you hear of this course? (Please tick)

Web site Referred by employer Referred by another

Previous student needing renewal Careflight Training Services email reminder

Other –please state how _____

**Are you happy for us to send you information on new courses and future course dates?
 (Please tick)**

YES

NO