

## D.5 Learning outcomes of the FOET (with CA-EBS)

The Delegate's learning outcomes for each module are set out below:

### MODULE 5 Helicopter Safety and Escape

To successfully complete this training, delegates must be able to **demonstrate**:

- (1) Donning of an aviation transit suit, an aviation lifejacket, compressed air emergency breathing system (CA-EBS) equipment and conducting integrity checks of the CA-EBS equipment, including buddy checks
- (2) Deploying (left and right hand) and breathing from CA-EBS equipment at atmospheric pressure in dry conditions
- (3) Actions to take in preparing for a helicopter emergency landing
- (4) Following instruction from the crew, location of CA-EBS equipment and evacuation from a helicopter using a nominated exit, following a controlled emergency descent to a dry landing (conducted in helicopter simulator at poolside on dry land)
- (5) Actions to be taken in preparing for an in-water ditching including location of exit, deploying and breathing from CA-EBS equipment at atmospheric pressure in dry conditions (conducted in helicopter simulator at poolside on dry land)
- (6) Dry evacuation, using a nominated exit, to an aviation life raft from a helicopter ditched on water (and, on instructions from the aircrew, operation of a push out window), assisting others where possible and carrying out initial actions on boarding the aviation life raft, to include: mooring lines, deploying the sea anchor, raising the canopy and raft maintenance\*
- (7) Escaping through a window opening which is underwater, from a partially submerged helicopter (without operation of a push out window)\*
- (8) Escaping through a window opening which is underwater, from a partially submerged helicopter (with operation of a push out window)\*
- (9) Escaping through a window opening which is underwater, from a capsized helicopter (without operation of a push out window)\*
- (10) Following escape from the helicopter (HUET), inflate lifejacket, deploy spray visor and carry out in-water procedures, to include swimming, getting into Heat Escape Lessening Position (HELP), towing, chain, huddle and circle\*
- (11) Boarding an aviation liferaft from the water\*
- (12) Being rescued by one of the recognised methods available offshore and survivor actions following rescue\*

**\*Note: CA-EBS equipment must not be worn during Learning Outcomes 6 thru 12**

**Additional Module 5 Learning Outcomes (specific to Element 5.3)**

**Note 1:** Delegates **must** complete Element 5.3 unless they are unable to meet the additional medical requirements stated in Section D.3, items d), e) and f). Delegates **must not** participate in the practical exercises contained in Element 5.3 if they are unable to meet the additional medical requirements stated in Section D.3, items d), e) and f).

**Note 2:** Delegates who provide a statement at stage f) declaring they are unfit to train on the day of the scheduled training will be required to return to the training centre at a later date to complete Element 5.3 before a certificate can be issued (provided all other course learning outcomes have been met). Training Centres must retain records of delegates who are unable to participate in these exercises.

To successfully complete this training, delegates must be able to **demonstrate**:

- (13) Deploying CA-EBS (above the water surface) and breathing from the CA-EBS in a pool, face down in shallow water (at a maximum depth of 0.7m, measured at the chest)
- (14) Deploying CA-EBS (below the water surface, face down in a pool in shallow water) and clearing the mouthpiece by exhaling under the water surface (at a maximum depth of 0.7m, measured at the chest)
- (15) Deploying CA-EBS (below the water surface, face down in a pool in shallow water, using opposite hand to previous exercise) and clearing with purge button under the water surface (at a maximum depth of 0.7m, measured at the chest)
- (16) Deploying CA-EBS (above water surface), in a pool and breathing from CA-EBS underwater in a vertical position (at a maximum depth of 0.7m, measured at the chest)
- (17) Deploying CA-EBS (underwater), in a pool and breathing from CA-EBS underwater in a vertical position (at a maximum depth of 0.7m, measured at the chest)
- (18) Deploying CA-EBS (underwater), in a pool, breathing from CA-EBS underwater, and moving along a horizontal rail for a period of no less than 30 seconds, including a change in direction (at a maximum depth of 0.7m, measured at the chest)

**Note 3:** **Training Staff must directly supervise delegates during any underwater ascent using CA-EBS equipment to ensure that the delegate exhales during the ascent.**

## MODULE 6                      Firefighting and Self Rescue

To successfully complete this module, delegates must be able to **demonstrate**:

- (1) Correct use of appropriate hand held portable fire extinguishers and which ones to use for different classes of fires.
- (2) Self-rescue techniques with a smoke hood or partial blindfold from areas where delegate visibility is reduced.
- (3) Self-rescue techniques with a smoke hood or partial blindfold from areas where delegate visibility is completely obscured
- (4) Small group escape techniques with a smoke hood or partial blindfold from areas where delegate visibility is completely obscured

## MODULE 7                      Emergency First Aid

To successfully complete this module, delegates must be able to **demonstrate**:

- (1) Raising the alarm
- (2) \*Immediate first aid actions, to include industry recognised first aid practice \*\*

\*Immediate first aid actions - putting casualty in the recovery position: delegates must get instruction and demonstration **only** from instructors on putting a casualty into the recovery position but do not need to demonstrate this.

\*\* Industry recognised first aid practice – this may vary depending on first aid practice guidelines adopted in different countries/regions.