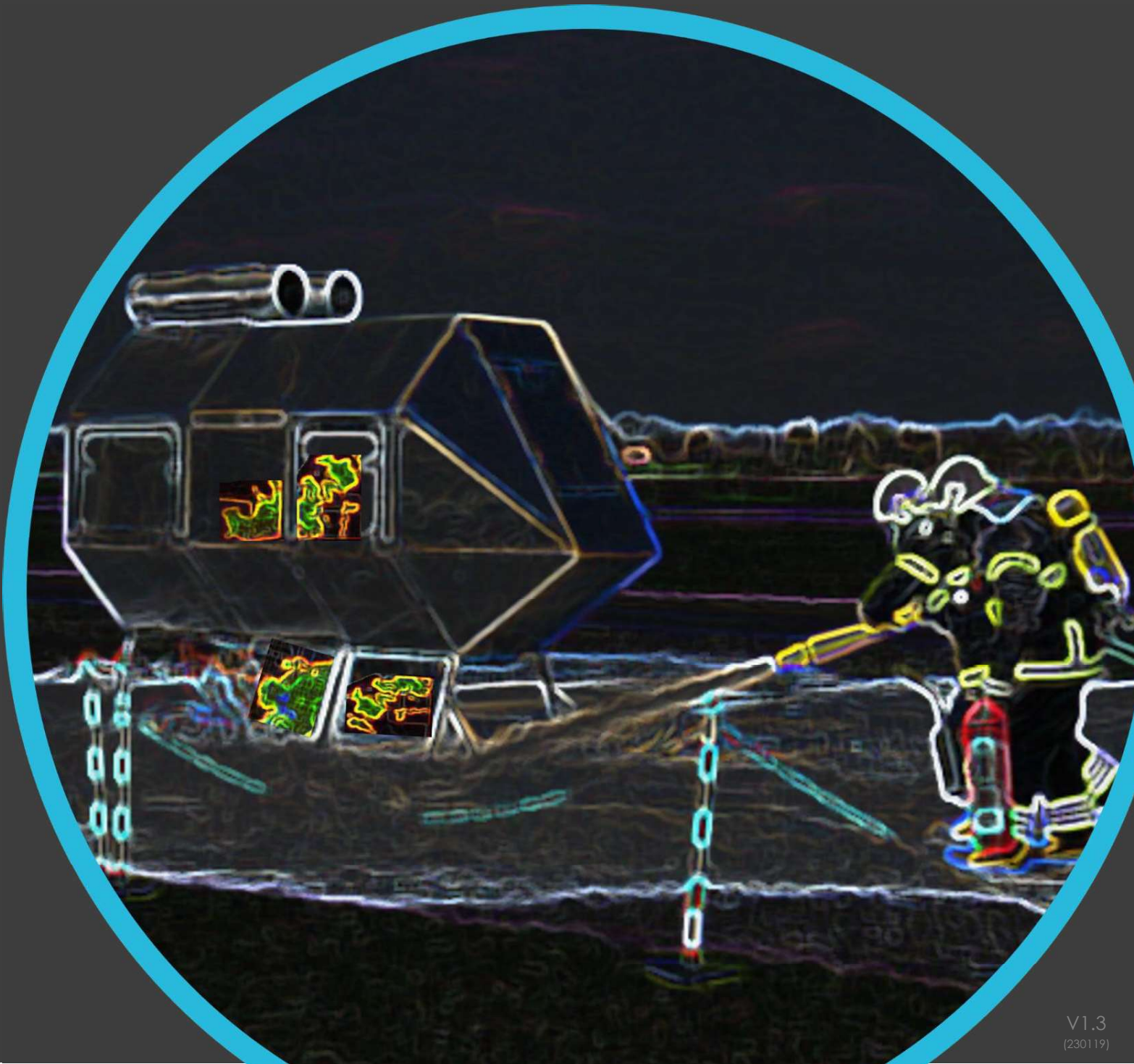




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MCA-Approved Large Yacht Heliport Safety Training Course Brochure 2024





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To discuss your bespoke aviation
requirements, please call us on:

+44 (0)239 2000 760

Email us at:

hello@maritimeaviation.com

Or visit us at:

www.maritimeaviation.com

  @MaritimeAviation



MCA-approved training provider

All information contained in this MCA-Approved Large Yacht Heliport Safety Training Course Brochure 2024 (V1.2) is correct at the time of publishing.

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2024

UK Course Dates

- 16 - 18 January
- 19 - 21 March
- 14 - 16 May
- 16 - 18 July
- 10 - 12 September
- 05 - 07 November

Training Location

Riverside House
Upper Quay
Fareham
PO16 0LY

Thank you for your interest in our MCA-approved Large Yacht Heliport Safety Training Course.

We are approved to provide all 4 of the modules in the MCA Heliport Safety Training syllabus for training Helicopter Landing Officers (HLOs), Heliport Deck Assistants (HDAs) and Heliport Rescue Firefighters (HRFs).

Modules are delivered as part of a complete package, either onboard, ashore at a suitable location or at one of our UK training sites. To discuss your bespoke requirements or book places, please contact us.

Please note that to become MCA-certified HDAs, delegates must hold valid STCW 95 and MCA-approved Heliport Firefighting qualifications; in addition, HLOs must have valid STCW Advanced Firefighting and previous HDA experience.

MCA Course Overview

All 4 MCA modules are accredited by the UK MCA as meeting the requirements laid out in their Large Yacht Heliport Safety Training Syllabus. The course involves a mixture of both theory & realistic group practical sessions.

Assessment for each course is via instructor-assessed practicals and delegate engagement; the HLO module also has a written assessment.

Packages are created for each client. Please email us to discuss your bespoke training requirements. Successful delegates will be presented with MCA certificates for all modules completed, which are valid for 2 years from the date of completion.

We create bespoke training packages for each client. To discuss your training requirements, please email us at:

training@maritimeaviation.com

Or call us on: **+44 (0)239 2000 760**

Module Outline

The purpose of this module is to give delegates a basic understanding of what is required to operate helicopters at sea, safely.

This module will effectively train delegates to become Heliport Deck Assistants (HDAs) on aviation-capable large yachts.

Practicals

Helicopter Hazards & Precautions

- Identify primary helicopter danger areas
- Identify helicopter equipment hazards
- Conduct safe movement around the helideck

Helicopter Standard Operating Procedures (SOPs)

- Conduct preparations for flying operations
- Conduct helicopter landing procedures
- Conduct passenger/guest transfer procedures
- Conduct cargo transfer procedures
- Conduct helicopter take-off procedures

Helicopter Emergency Operating Procedures (EOPs)

- Respond to a helicopter crash on deck
- Conduct passenger evacuations
- Conduct casualty extractions
- Respond to an unignited fuel spill
- Prepare the helideck for a Medevac
- React to an overdue helicopter
- Respond to a helicopter ditching

Theory

Organisation & Administration

- Heliport crew qualifications
- Roles & responsibilities
- Documentation & training requirements
- 'Flight Safety' culture

General Helicopter Hazards & Precautions

- Helicopter types & configurations
- Primary helicopter danger areas
- Helicopter equipment hazards
- Non-visible helicopter hazards

Heliport Standard Operating Procedures (SOPs)

- General preparations for flying operations
- Helicopter landing & take-off procedures
- Guest & cargo transfer procedures

Heliport Emergency Operating Procedures (EOPs)

- Types of helicopter emergency
- Responding to helicopter emergencies
 - EOPs for different helicopter emergencies
 - Conducting Medevacs

HDAs perform a variety of roles onboard, including conducting shipboard heliport preparations for flying, assisting guests during helicopter transfers and acting as Heliport Rescue Firefighters (HRFs) during helicopter emergencies onboard the vessel.

The practical sessions utilise our bespoke Helicopter Rescue & Firefighting Training Unit (HRFTU) to add realism to the training, for courses run at our UK training sites or selected sites in Europe (contact us for details).

Module Outline

The purpose of this module is to give delegates vital experience of practicing specialist shipboard helicopter firefighting procedures and the techniques required to extinguish different types of helicopter fire, safely and efficiently, as well as enabling passengers to be extracted.

This module may be delivered at suitable training sites in the UK, Germany, the Netherlands and France.

Practicals

Preparations for Helicopter Firefighting

- Prepare PPE used during shipboard helicopter firefighting
- Don PPE used during helicopter firefighting
- Prepare helicopter firefighting:
 - Appliances
 - Equipment
 - Media

Helicopter Firefighting Procedures & Techniques

- Respond to different types of helicopter fire:
 - Smoke in the cockpit
 - Engine fire
 - Engine bay fire
 - Battery fire
 - Electrical fire
- Respond to a crash on deck
- Conduct passenger evacuations
- Conduct casualty extractions
- Conduct post-fire procedures

Theory

Helicopter & Helicopter Fire Hazards

- Special hazards associated with operating helicopters at sea
- Review of basic fire principles
- Flammable materials associated with helicopters
- Types of helicopter fire

Firefighting Appliances, Equipment & Media

- Personal Protective Equipment (PPE) used during shipboard helicopter firefighting
- Types & operation of shipboard helicopter firefighting appliances, equipment & media

Standard Firefighting Procedures & Techniques

- Preparation of firefighting appliances, equipment & media
- Generic procedures for responding to helicopter fires
 - Protecting helicopter personnel during passenger extractions
 - Post-fire shipboard helicopter procedures

The module will teach delegates how to prepare all helicopter firefighting equipment prior to flying operations and teach them how to take appropriate actions in response to different helicopter fire related emergencies. The course which will culminate in exercising complex crash on deck scenarios.

Unless onboard, practical exercises will utilise our bespoke HRFTU for practicing the specialist techniques & procedures used during Crash, Fire & Rescue (CFR) scenarios involving fires.

MCA Helicopter Landing Officer (HLO)

Module Outline

As the leader of the heliport, the Helicopter Landing Officer (HLO) plays a crucial role towards safe and efficient helicopter operations onboard.

On board the yacht, the HLO can act in several roles:

- Heliport Safety Manager
- Operations Manager
- Facilities Manager
- Training Manager

Practicals

HLO Pre-Arrival/Departure SOPs

- Gather information required for flying
- Conduct pre-flying briefs
- Conduct heliport preparations as HLO

HLO SOPs during Flying Operations

- Conduct communications as HLO
- Conduct helicopter landing procedures
- Conduct passenger/guest transfers as HLO
- Conduct cargo transfers as HLO

HLO EOPs during Flying Operations

- Respond to a helicopter emergencies as HLO
- Conduct passenger evacuations as HLO
- Conduct casualty extractions as HLO
- Conduct Medevacs as HLO

HLO's Actions After Helicopter Accidents

- Collect evidence after an accident
- Control safety after an accident
- Report a helicopter accident

Theory

Organisation & Administration (HLO)

- HLO roles & responsibilities
- The importance of HLO leadership
- Records to be kept by the HLO

HLO Pre-Arrival/Departure SOPs

- Information to be gathered by the HLO
- Briefing requirements for flying operations
- HLO's role during heliport preparations

HLO SOPs during Flying Operations

- HLO's role during helicopter arrival/departure
- Communications between all parties
- HLO's role during guest & cargo transfers

HLO EOPs during Flying Operations

- HLO's role during EOPs for helicopter emergencies
- HLO's role during passenger evacuations
- HLO's role during casualty extractions
- HLO's role during Medevacs

HLO's Actions After Accidents

- Safety aspects to consider
- Evidential & Reporting Requirements

This module covers both theory and practical sessions designed to exercise the different roles which may be expected of the HLO.

The module continues on from the Heliport Procedures & Emergency Response course to focus on the HLO's leadership role during a variety of realistic Standard and Emergency Operating Procedures (SOPs & EOPs), using our HRFTU, where possible.

Module Outline

The purpose of this module is to give delegates an understanding of what is required to refuel helicopters at sea, safely.

The course includes a mix of theory and practical sessions, using our bespoke Helicopter Refuel Training Simulator (HRTS) and Helicopter Rescue & Firefighting Training Unit (HRFTU), where possible.

Theory

Refuelling Regulations & System Design

- Regulations for refuelling helicopters
- Design of a typical offshore refuel system

Aviation Fuels

- Types of aviation fuel
- General characteristics of aviation fuels
- Procurement & storage of aviation fuels
- The importance of clean aviation fuel
- The importance of keeping fuel sampling records

Practicals

Helicopter Refuelling Equipment

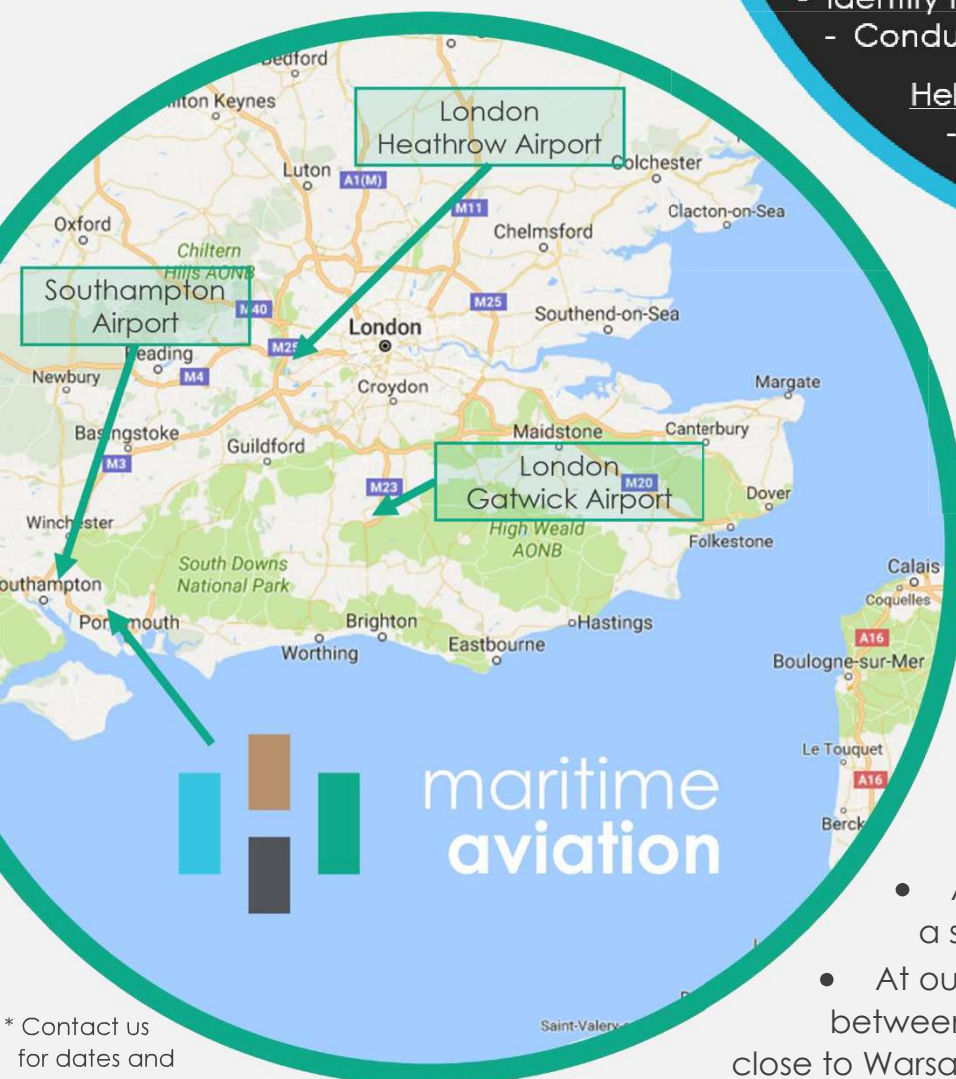
- Identify & don appropriate PPE
- Identify helicopter refuel system components

Aviation Fuel Sampling

- Identify fuel sampling equipment
- Conduct fuel testing & create records

Helicopter Refuelling

- Conduct helicopter refuelling
- React to an aviation fuel spillage



Our Training Locations

We can deliver all 4 MCA-approved Large Yacht Heliport Safety Training modules at locations to suit our clients, including:

- On board clients' vessels, anywhere in the world, using the onboard facilities to train crews
- Ashore at a suitable training venue at a site of convenience to our clients
- At our UK training facilities at Fareham, between Southampton and Portsmouth and close to Warsash Maritime Academy. *

* Contact us for dates and more information



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