



HELICOPTER AERIAL FIREFIGHTING COURSE

Target Group - Pilots and Flight Crews involved in aerial fire suppression operations using HELIFIRE Monsoon Buckets.

Course Aim - To provide participants with the knowledge and proficiency on fire behaviour and basic aerial firefighting skills needed to safely and effectively suppress wildfires with an aircraft and monsoon bucket.

Duration - The programme is designed to be completed over three days, with pre and post course requirements, completion times will vary between individuals.

Date	Duration	Session	Venue
Day 1 - TBC	0800 – 1700	Face to Face Seminar	Venue suitable for theory training
Day 2 – TBC	0800 – 1700	Practical External Load	Nominated Helibase
Day 3 – TBC	0800 – 1700	Practical External Load	Nominated Helibase

Course Objective - By the completion of the theory and practical components of the course, participant's will be able to:

- Protect personal safety whilst working around Helicopters
- Demonstrate knowledge of the fire environment on wildfire behaviour
- Demonstrate knowledge of aerial suppression tactics at wildfires
- Load equipment, water and additives for aerial operations at wildfires
- Work with and operate a helicopter to suppress wildfires with a monsoon fire bucket
- Embark and disembark firefighters/equipment from the hover and toe-in

Blended - Training will be delivered exclusively by self-directed Learning, face to face training and 'hands on' practical external load flight skill exercises at your Helibase using you own helicopter. The training content includes the following modules:

Module One - Theory is delivered by distance learning, enabling flight and ground crew to undertake self-directed study (with instructor support) in their own time and at their own pace. Assessment for this phase is undertaken via a post course written assessment.

Unit	Compulsory Assessment Standards	Level	Credit	Version
3285	Demonstrate knowledge of protection of personal safety at vegetation fires	3	3	4
17279	Demonstrate knowledge of the coordinated incident management system (CIMS)	2	2	4
14564	Demonstrate knowledge of the fire environment on vegetation fire behaviour	4	3	4
3288	Load water and additives for aerial operations at vegetation fires	3	2	4

Module Two – This training is delivered on-site through one day of face to face ground school supported with instructor led presentations. Subjects covered include:

- Personal Safety Around Helicopter
- Wildfire Awareness (Fire Behaviour, Fuels and Topography)
- Water and Additives for Aerial Wildfire Operations
- Aerial Wildfire Suppression Tactics
- Monsoon Bucket & Foam System operation
- Loading and Unloading Helicopters

Module Three – This training comprises three consecutive days of practical external load flight skills training and assessment exercises using your Helicopter and a HELIFIRE monsoon bucket to drop water and water additives on simulated fires in the local training area. Flight exercises include hooking up and filling monsoon buckets at the hover from a specified stationary and moving water source and delivery of the load to a separate location and firebombing passes and stationary drops at a specified position using a monsoon bucket. Flight exercise time depends on the individual pilot's external cargo experience.

Assessment – This course is competency based and includes assessment to determine a participant's competence against the selected learning objectives by "Question and Answers", practical external load flight demonstrations using your helicopter to demonstrate the performance evidence and the submission of a number post course assignments to demonstrate evidence of knowledge.

Certification - Participants who successfully complete this course and are deemed competent against the assessment criteria, will be awarded a Wildfire Pilots Certificate, to validate that they have received structured fire control training in accordance with the National Rural Fire Authority's Standard for use of aircraft at wildfires and Code of Practice for Aircraft Operations (Wildfire Fighting).

For more information on how we can help train your personnel, please

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