



Salvamento Marítimo

The mission of Centro Jovellanos is to implement, develop and design comprehensive rescue and maritime safety training systems that are high quality, highly specialised, certified, innovative, and sustainable to ensure the most remarkable levels of professional training.

Train, provide, reduce, innovate and guarantee are the five key goals of the Jovellanos Centre, which is the training centre of the Spanish Maritime Search and Rescue Agency, a public entity dependent on the Ministry of Transport, Mobility and Urban Affairs.



TRAIN: Understand the needs of professionals and propose efficient solutions to act in emergencies.

PROVIDE: The necessary knowledge to implement tasks successfully at the workplace.

REDUCE: Reduce fatalities and damage to the environment through training, thus avoiding risks and accidents.

INNOVATE: Develop comprehensive virtual reality training methods that improve knowledge.

ENSURE: The implementation of our quality system when designing and developing our training activities.

## COURSE

### AIRCRAFT RESCUE FIRE-FIGHTING (ARFF) TRAINING

#### TARGET GROUP

This course has been designed for airport fire brigades and groups with knowledge and/or responsibilities on airport emergencies and who may be involved in fire-fighting operations on board aircraft.

#### TRAINING

**Objective:** To know the different types of emergencies that may occur and intervention procedures. To describe the main risks and comply with safety and personal protection requirements. To train students in tasks that require firefighting and rescue operations in airport environments. To demonstrate intervention tactics in firefighting and rescue operations. To conduct specific extinction tasks in an airport environment and in different aircrafts. To understand the principles of command and control in incidents.

After the course, the student acquires the necessary skills to intervene in aircraft fires, caused by fuel spills, engine and landing gear fires, crew cabin fires, passage, cargo holds, airport facilities: buildings, fuel storage facilities, warehouses, etc.

#### DURATION

The course consists of 35 certified hours, it's delivered over a period of 5 days.

#### PROGRAMME

This is an eminently practical course. At the beginning of each day, trainees will attend a classroom where the exercises will be explained, the

operation will be organised, and the groups briefed.

The safety procedures during the exercises will be explained.

**Practical training:** Combating fires outside aircraft. Positioning of vehicles and extinguishing fuel spills in critical area.

Operations with fire engines to control fires in aircraft engines.

Combating fires inside the aircraft. Opening of emergency exits, use of ladders. Exercises in ventilating smoke.

Operations in airport buildings on fire above and under ground level.

Combating fires that affect storage facilities and liquid fuel distribution systems.

Combating fires that affect liquid fuel tankers.

Combating landing gear fires.

Operations involving aircraft accidents in areas where fire engines and emergency vehicles cannot be positioned.

The exercises will be performed in the aircraft emergency area, which is equipped with:

- several models of commercial aircraft simulators, 39 points of fire simulation, engines, turbines, landing gear, fuel spills, and interior fires.
- fire engines VP 5.5 and VP 10.
- light aircraft/helicopter simulator.

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