TRAINING COURSE

UAS-Piloting Drones for Emergency Management at Aerodromes (UAS-EMA: PIL)

Introduction

The deployment of drones at an aerodrome in an emergency situation increases safety by providing the emergency service units (e.g. RFFS) with accurate situational data enabling them to provide the most effective and more rapid emergency response.

This UAS-Piloting Drones for Emergency Management at Aerodromes Training Course adresses the governing of a drone flight when deployed for emergency situations at aerodromes, the acquisition of data from the drone's sensors and the dissemination of this information under stress and urgency conditions.

The training course includes evaluation of the competencies required by a remote pilot tasked with flying a drone in various meteorological conditions (e.g. visibility), at different locations inside or in the immediate vicinity of an aerodrome and to respond to aircraft emergencies (e.g. presence of smoke, fire, wounded people, etc...).

This training course hence addresses the management of contingencies which may arise when responding to emergencies of different sizes and the collaboration with other stakeholders (e.g. ATCOs, RFFS, Airport Operators etc.) under stress conditions according to the Aerodrome Emergency Response Plan and discusses the required practical skills to fly the drone to destination, use and distribute information collected by the drone's sensors and the management of the drone's residual energy.

The training course includes the latest information from the Project ALBATROS, funded by Horizon Europe through CINEA and coordinated by NLR, which inter-alia explored possibilities for using drones (UAS) in emergencies at aerodromes and specifically with aircraft that in the future, due to advancing technologies, may be affected by a hydrogen leak, which would require the quickest possible response.

COURSE DURATION

3 days, starting at 09:00 and ending at approx. 16:30 each day.

TARGET GROUP

→ Remote (UAS) pilots and their instructors

- UAS Training Organisations (UTO)
- Other personnel and managers of UAS Operators
- RFFS personnel, in particular if qualified or intending to be qualified as a remote pilot
- Aerodrome operators

Read more about the course Content, Learning Objectives and Pre-requisites on the website: www.jaato.com