

## TRAINING COURSE

# UAS-Emergency Management at Aerodromes: Systems & Operations (UAS-EMA: SYS & OPS)

## Introduction

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Drones at aerodromes, including but not limited to so called 'drones in the box' are a new technology and despite the availability of guidance and regulations on drones and their operations, sometimes competent authorities and industry are not sure on how to actually implement specific solutions for use and deployment of drones. This course supports management decisions to apply drones to respond to emergencies at aerodromes more rapidly, with more precision and effectiveness while remaining safe and compliant with applicable rules.

The UAS Emergency Management for Aerodromes - Systems and Operations Training Course addresses the roles of several stakeholders involved in emergency management (i.e. CAA, UAS manufacturer, aerodrome operator, ATSP, Fire Brigade, UAS operator) and includes all regulatory requirements and information on the systems and procedures to deploy drones in an emergency situation with an aircraft at an aerodrome.

EC Regulation 2019/947 does not prohibit drone operations in the open category at aerodromes, this being left to the discretion of EU/EASA Member States, based on Art. 15 (i.e. UAS geozones) of such regulation.

However, for a more flexible response (e.g. BVLOS, highly automated drones) in emergency situations at an aerodrome, operating in the specific category of UAS operations would be more appropriate. The UAS-Emergency Management for Aerodromes - Systems and Operations Training Course therefore addresses:

- System definition, procurement, implementation and regulatory approval.
- Setting up operations, establishing procedures, training and qualifying personnel and then executing operations in coordination among various stakeholders.

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 in fact would demand a quicker response.



## COURSE DURATION

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

## TARGET GROUP

CAA or other authority personnel involved in the establishment of UAS geozones or to segregate airspace volumes, or in oversight of UAS or of aerodromes

- Aerodrome and ATS personnel
- UAS manufacturers, importers, vendors and operators
- RFFS personnel and staff (or other civil protection entity)

Read more about the course Content, Learning Objectives and Pre-requisites on the website:  
[www.jaato.com](http://www.jaato.com)