

TRAINING COURSE

UAS-SORA 2.5 (Specific Operations Risk Assessment for Unmanned Aircraft Systems)

Introduction

The risk-based regulatory framework for UAS that is endorsed by ICAO, recommended by JARUS for worldwide application, and promulgated by the European Commission (i.e. EU 2019/947) under a proposal by EASA, is based on three risk-based categories of operations: Open, Specific, and Certified.

To operate in the specific category, operators shall normally submit a Risk Assessment to the CAA for evaluation and approval. The Specific Operation Risk Assessment (SORA) methodology has been developed by JARUS (Joint Authorities for Rulemaking on Unmanned Systems) primarily aimed indeed at the specific category.

V2.0 of this methodology is currently recommended for use in Europe by EASA (AMC1 to Art. 11 of EC 2019/947).

In 2024 JARUS published a new version of SORA, namely SORA v2.5, which has introduced significant innovations and may be applied anywhere in ECAC and in the world, including in EU/EASA as an alternative MoC, before being transposed by the Agency.

The course will focus on:

- Safety Assessment methodologies in UAS Regulations
- SORA 2.5 approach for the evaluation of the Ground Risk
- 'old', but still applicable approach v2.0 for Ground Risk
- SORA 2.5 approach for the evaluation of the Air Risk (unchanged in relation to v2.0)
- SORA 2.5 Annexes, including Operation Safety Objectives (OSOs) and supporting documentation

The course aims at providing a deep overview of the SORA methodology (both v2.0 and v2.5) and also practical examples of application and exercises to enable participants to apply such methodology in their everyday job, as applicants or inspectors.

COURSE DURATION

3 Days - 09:00-16.30 on first two days, 09:00-16.00 on the third day

TARGET GROUP

Aviation professionals, CAA Inspectors, Operators, and Manufacturers who feel the need to learn how to apply the SORA methodology to develop or evaluate safety assessments for operations in the Specific category.

The assessment is always required in this category, in case of either a standard scenario, an application for



authorisation, or internal records of the certified UAS operator.

The target group includes:

- Middle managers, policy advisors, rulemaking officials, developers of pre-defined risk assessments (PDRA), and inspectors of CAAs;
- Middle managers of the UAS industry, remote pilots, instructors, and other aviation professionals desiring to receive training on the SORA methodology to prepare for future application in the "specific" category;

Personnel of Air Navigation Service Providers (ANSPs) wishing to better understand how SORA deals with the interaction between UAS and other traffic in the airspace.

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