This module provides a thorough examination of requirements of EASA for continued and continuing airworthiness. A more dedicated focus on continuing airworthiness management, maintenance organizations and in-service occurrence reporting and airworthiness directive processes is provided. Considering the related specificities for maintenance activities, the module also describes extended operations (ETOPS/EDTO) and associated requirements.

Prerequisites
- Familiarization with air laws and airworthiness;
- Aircraft architecture and basic aeronautics knowledge.

* not compulsory

Learning objectives
After completing this course, participants will be able to:
- Describe the applicable EASA regulations for continued and continuing airworthiness;
- Describe the EASA Part-21 maintenance requirements, and EASA Part-M/145/147/66 obligations applicable to involved stakeholders;
- Understand the in-service occurrence reporting system and the significance of an airworthiness directive;
- Understand the maintenance requirements significance for extended operations.

Key elements
- Dates: 3 - 7 February 2020 (exam: 26 February 2020*)
- Duration: 24 hours
- For whom: recent graduates, jobseekers and experienced employees
- Location: ISAE-SUPAERO, Toulouse
- Course fees: 2 000 €
- Language: English
Course content

Continued airworthiness:
• In-service occurrence reporting
• Investigation process
• Airworthiness review meeting
• Airworthiness directive
• Practical cases

Continuing airworthiness:
• Context and applicable regulations
• EASA Part-M (continuing airworthiness management)
• EASA Part-145 (maintenance organizations)
• EASA Part-147 (training organizations)
• EASA Part-66 (certifying staff)

ETOPS/EDTO operations:
• Concept, background and experience
• Regulation
• ETOPS approval (type design and reliability, operational)
• ETOPS maintenance requirements and practices (policies, procedures, reliability program)

Case study on continuing airworthiness and aircraft transfer