



# Terms of Reference

for rulemaking task

## RMT.0742 Issue 1

### Artificial intelligence trustworthiness

#### OBJECTIVES

1. Ensuring Artificial Intelligence (AI) trustworthiness for its safe use in aviation in response to the EU AI Act Chapter III Section 2.
2. Enable the deployment of AI in the specific aviation domains identified in the EU AI Act Article 108.
3. Enable the deployment of AI in other affected aviation domains (e.g. ,but not limited to, aerodromes).

The activities in the context of this RMT will be based on EASA Concept Paper ‘Guidance for Level 1&2 machine learning applications’ Issue 02. The objectives are intended to be achieved through the following subtasks:

Subtask 1: Proposal for an AI trustworthiness aviation regulatory framework in response to the EU AI Act Chapter III Section 2

Subtask 2: Development of the associated set of generic AI-related acceptable means of compliance (AMC) and guidance material (GM)

Subtask 3: Development of the necessary adaptations to domain-specific regulatory material for aviation domains identified in the EU AI Act Article 108

Subtask 4: Development of the necessary adaptations to domain-specific regulatory material for other affected domains (e.g. ,but not limited to, aerodromes)

#### REGULATIONS INTENDED TO BE AMENDED

- Regulation (EU) No 748/2012 (Initial Airworthiness)
- Regulation (EU) No 1321/2014 (Continuing Airworthiness)
- Regulation (EU) 2024/1107 (UAS airworthiness and organisation requirements)
- Regulation (EU) No 965/2012 (Air Operations)
- Regulation (EU) 2019/945 (Unmanned aircraft systems)
- Regulation (EU) 2019/947 (Operation of unmanned aircraft)
- Regulatory framework for the operation of VTOL and air taxis
- Regulation (EU) No 1178/2011 (Aircrew and Medical)
- Regulation (EU) 2015/340 (ATCO licensing)
- Regulation (EU) 2017/373 (ATM/ANS)
- Regulation (EU) 2023/1768 (Conformity assessment DPO)
- Regulation (EU) 2023/1769 (Ground equipment)
- Regulation (EU) 2021/664 (U-space)
- Regulation (EU) No 139/2014 (Aerodromes)
- Regulatory framework for safety-related aerodromes equipment
- Regulatory framework for the provision of ground handling services
- Regulation (EU) 2023/203 (Part-IS)

#### RELATED EASA DECISIONS INTENDED TO BE AMENDED

- All related Certification Specifications and Detailed Specifications, as well as relevant AMC and GM.

#### AFFECTED STAKEHOLDERS

NCAs, NSAs, DOA holders, ETSOA holders, POA holders, unmmanned aircraft manufacturers, aircraft operators (manned and unmanned), aircrew, CAMOs and MOs, ATM/ANS providers, ATCOs, common information service providers (CISPs), u-space service providers (USSPs), training organisations (such as approved training organisations, declared training organisations, organisations operating FSTDs, ATCO training organisations, maintenance training organisations), ADR operators, organisations responsible for provision of AMS at aerodromes, organisations involved in the design and production of safety-related aerodrome equipment, organisations responsible for the provision of ground handling services, etc.

#### WORKING METHOD(S)

Development	Impact Assessment(s)	Consultation
By EASA with external support	Light	Public - NPA

**PLANNING MILESTONES:** See the latest EPAS Volume II.

