

EUROCAE Documents (ED) categories and definitions

1. *Minimum Aviation System Performance Standard (MASPS)*

Describes and specifies the operational and/or functional requirements of a complete end-to-end system, which may include airborne, on-ground and space segments. It should provide a high level architecture describing the individual components, and should allocate between those components the performance, safety and interoperability requirements.

2. *Operational Services and Environment Definition (OSED)*

A standalone document equivalent to the part of a MASPS dedicated to the operational concept description: it provides the definition of the considered services and of the environment in which they have to be provided.

3. *Safety and Performance Requirements (SPR) standard*

A standalone document equivalent to the part of a MASPS dedicated to operational safety and performance issues: it provides an allocation of the requirements between the segments for the different approval types.

4. *Interoperability (INTEROP) requirements standard*

A standalone document equivalent to the part of a MASPS dedicated to interoperability issues between the different segments: for each of them, it identifies the technical interface and related functional requirements.

5. *Process Standard (PS)*

Specifies generic methods which are not specific to individual components, e.g. software or hardware development, environmental testing...

6. *Minimum Operational Performance Standard (MOPS)*

Specifies the performance of a component (piece of equipment, protocols, exchange formats,...) which is the minimum necessary performance to satisfy a regulatory requirement. In particular, it specifies the tests to be made to ensure that the specified performance is achieved. Intended to be referenced by an ETSO.

7. *Technical Standard (TS)*

Specifies performances of a component which reflects the best industrial practice.

8. *Guidance Document (GD)*

Amplifies the information contained in the types of documents described above. Usually illustrative information amplifying another EUROCAE document.

9. *Report (R)*

Describes results of Working Groups which are of general interest but not appropriate to publish in the form of a specification or similar document of the types described above.