

2016 EASA Workshop on Additive Manufacturing

Organised by: EASA

Event

Type: Workshop

Date:

28 Sep 2016 to 29 Sep 2016

Location

EASA Headquarters

Konrad-Adenauer-Ufer 3

50668 Köln

Germany

[Directions to the Agency](#)

Event Materials

Documents

[WORKSHOP Additive Manufacturing - Presentations](#)

Description

Additive Manufacturing (also known as 3D-printing or ALM additive layer manufacturing) is a production technology which involves highly complex processes, dependent upon many process parameters. Compared to conventional manufacturing processes, AM parts may result in different microstructures, defect species, residual stresses, inspectability, post-processing requirements, ultimately structural performance and durability. The requirements for design, structural assessment, quality assurance, and on-going manufacturing quality control need review and careful consideration to ensure that qualification processes for AM parts are safe and robust enough to guarantee repeatable good material quality.

This EASA AM workshop is primarily aimed at providing TCH and STCH applicants, including supporting sub-contractors, with better understanding of EASA expectations and also providing EASA with better understanding of their needs in order to help facilitate more efficient certification of AM parts.

The Agenda is anticipated to cover at least the following topics;

- Views of regulators EASA/FAA
- AM Process; Application
- Aviation Industry suppliers/TC- and STC Holders using AM
- Status on Standardization Bodies Work on AM standards
- EASA/FAA approach to apply existing high level requirements
- Open Discussion

Contact

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Other documents

[Additive Manufacturing Workshop - Agenda](#)

[Practical Information about EASA](#)