



**EASA**  
European Aviation Safety Agency

# **Product Certification and Design Organisation Approval Workshop**

**22<sup>nd</sup> -23<sup>rd</sup> November 2016**

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TE.GEN.00409-001



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# OSD - Operational Suitability Data

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# OSD - Operational Suitability Data

- What is OSD
- Applicability
- Status
- FAQ
- Open discussion





# OSD - What is OSD

## Reminder:

- OSD is data to support operational aspects for which the design approval holder is responsible
- OSD consists of the constituents MMEL, FCD, CCD, SIMD and MCSD
- OSD has a certification basis
- OSD is referenced from the TCDS
- Not all constituents are applicable to all aircraft
- OSD made available to the end user



# OSD - Applicability

- Basic OSD applicability is defined in the CS for each OSD constituent
- For STC or minor change:  
Applicability is defined in the TCDS
- For DOA:  
Applicability is defined by the category of products in the TOA



## OSD - Status

- TCDS's have been updated to incorporate OSD where applicable
- TC-Holders have extended their DOA scope to cover OSD
- Few DOA's performing STC's or minor changes have extended their scope to cover OSD
- Many investigations are in progress
- Some DOA's did not (yet) apply for extension
- Deadline: 19 Dec 2016



## OSD - FAQ

### ➤ What is OSD?

References to OSD are provided in the TCDS.

Variety in type of documents especially for CCD and FCD due to grand-fathering, different certification basis, and specific TC-Holder approach.



## OSD - FAQ

- When is my design change affecting OSD?
  - Determine applicability by reviewing TCDS. Note specific certification basis
  - Minor changes can only affect MMEL (GM No 1 to 21.A.93(c))
  - Review of OSD constituent for content that might be affected
  - Discuss with Agency through CP





## OSD - FAQ

- How do I change OSD?
  - Changes to OSD are provided through supplementary information (similarly to e.g. AMM or AFM)
  - Supplements can replace certain parts of the original OSD or provide additional information



## OSD - FAQ

- What is required when OSD is affected?
  - Creation of supplementary information
  - Demonstration of compliance against certification basis
  - Approval
  - Provision of supplementary data to end user



## OSD - FAQ

### ➤ How do I apply?

STC applications (Form 33) where the design affects OSD should be supplemented by an application for changes to the OSD (Form 128)



### ➤ How will the change be approved?

Although two separate application forms are required, only one approval will be issued by the Agency.



## ➤ What changes to the DOA procedures are necessary?

- Application;
- Determination of applicable requirements;
- Certification program;
- Certification basis;
- Classification;
- Design;
- Demonstration of compliance;
- Approval;
- Declaration of compliance;
- Issue of design data and information and instructions;



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# Open Discussion Questions

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