



# EASA

European Aviation Safety Agency

# EASA Certification Workshop

**29 January 2015**  
**MARITIM HOTEL KÖLN**  
**Köln, Germany**

**Your safety is our mission.**

An agency of the European Union 

TE.GEN.00409-001



**EASA**  
European Aviation Safety Agency

# Rulemaking Update

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- Recent changes
- Pending opinions / decisions
- Ongoing tasks
- Planning/programming/priorities



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# Recent changes

- Regulation 69/2014 amending 748/2012 (Part-21) (28.01.2014)
    - Operational Suitability Data (OSD)
  - Decisions issuing
    - CS-MMEL,
    - CS-GEN-MMEL,
    - CS-FCD,
    - CS-CCD and
    - AMC/GM to Part-21
- published 31st January



# Recent changes

- Operational Suitability Data (OSD)
  - Operational Suitability Data produced by TC holders for use by operators:
    - Syllabus for pilot type rating training
    - Reference data for simulators
    - Syllabus for maintenance certifying staff type rating training
    - Type specific training elements for cabin crew
    - MMEL
  - OSD will be approved as part of the TC



# Recent changes

## ➤ Decisions linked to OSD

➤ AMC/GM to Part-21

➤ CS-MMEL

➤ CS-GEN-MMEL (non-complex)

➤ CS-FCD (Flight Crew Data)

➤ CS-CCD (Cabin Crew Data)

➤ CS-SIMD (Simulator Data) 02.12.2014)

➤ CS-MCSD (Maintenance Certifying Staff Data): start 2014

31.01.14



# Recent changes

- Decision No 2014/001/R  
AMC-20 amendment 12 (29.01.2014)
  - Airworthiness and operational consideration for Electronic Flight Bags (EFBs)
- Decision No 2014/010/R  
CS-ETSO amendment 9 (26.02.2014)
  - ETSO-C165a on Airport Moving Map Display





# Recent changes

- Decision No 2014/024/R (21.07.2014)
  - Termination of rulemaking task RMT.0075 (26.008) 'Fuel tank flammability of already certified Large Aeroplanes'
- Decision 2014/026/R  
CS-25 amendment 15 (22.07.2014)
  - Incorporation of CRIs and corrections



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# Pending Opinions/Decisions

- Opinion 07/2013: 'Flight Testing' (1)  
Amendment to Part-21
  - POA and DOA to establish Flight Test Operations Manual (FTOM)
    - Processes for flight tests
    - Crewing policy (composition, competency, currency, FTL)
    - Carriage of other persons and for flight test training
    - Risk and safety management
    - Instruments and equipment to be carried
    - List of documents needed



# Pending Opinions/Decisions

## ➤ Opinion 07/2013: 'Flight Testing' (2)

### ➤ New Appendix XII

- Applicable above 2000 kg MTOM
- Definitions of 'flight tests', 'flight test engineer' and 'lead flight test engineer'
- Definitions of categories of flight tests:
  - Category one: flights in the 'unknown'
  - Category two: not yet certified but 'known'
  - Category three: conformity of new a/c
  - Category four: for 'simple' design changes



# Pending Opinions/Decisions

- Opinion 07/2013: 'Flight Testing' (3)
  - New Appendix XII
    - Competence and experience of pilots and LFTE
    - Four competence levels depending on flight test category and aircraft category
    - Pilots: Part-FCL
  - Competence and experience of other flight test engineers
    - In accordance with FTOM



# Pending Opinions/Decisions

- Opinion 07/2013: 'Flight Testing' (4)
  - Transition
    - FTOM: 12 months
    - Appendix XII: 36 months
    - Pilots cat 3 and 4 flight tests: grandfathered
    - National LFTE license: till 31-12-2017
  - Voted by EASA Committee: July 2014
  - Publication: April 2015 ?



# Pending Opinions/Decisions

- Opinion 08/2013: 'Additional Airworthiness Requirements for Operations'
  - Transfer of JAR-26
  - New Implementing Rule: Part-26
  - Voted by EASA Committee: July 2014
  - Publication: April 2015 ?
- New CS-26: standard for complying with Part-26
- CS-26 may be included in certification basis
- Part-26/CS-26 will be used for other 'retroactive' airworthiness requirements



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# Ongoing tasks

- RMT.0262 (MDM.060) 'SMS and LOI'
  - SMS embodiment in Part-21
  - Level of Involvement (LOI) of the Agency in product certification

*See dedicated presentations*



# Ongoing tasks

- RMT.0245 (MDM.048) Standard changes/repairs
  - A new CS for standard changes and repairs issued by the Agency
  - NPA 2014-24 issued 06.10.2014



# Ongoing tasks

- 21.026 New Category of parts for which Form 1 is not required
  - Currently EASA Form 1 is always required except 'standard parts'
  - To address 'non-aviation parts' incl. commercial parts and non-required 'mission' equipment
  - Risk based approach towards necessary rigor in 'evidence of conformity'
  - Started 2013 Q3
  - Slight delay to achieve broader industry and global support



# Ongoing tasks

- RMT.0225 Ageing Aircraft
  - NPA 2013-07 consultation ended 23 Oct. 2013
  - 700 comments
  - 2 Review group meetings held
  - Focussed consultation planned for Dec. 2014
  - CRD planned 1Q 2015



# Ongoing tasks

## ➤ RMT.058 (25.058) & RMT.0179 (E.009)

### Ice protection

- Supercooled Large Drop (SLD) icing, high altitude ice crystals icing, mixed phase, snow, heavy rain
- New appendices O and P
- RMT.0572: facilitate similarity analysis
- Publication in CS-25 amendment 16 and CS-E amendment 4 soon



# On-going Part 26/CS-26 tasks

## ➤ RMT.0069 Dynamic testing 16g

- ToR issued 2Q 2012
- Agency task
- NPA 2013-20 consultation until 31/01/2014
- CRD + Decision delayed due to resource problem

## ➤ RMT.0070 Fire hazard in Class D cargo compartments

- NPA 2013-23 consultation until 24/02/2014
- NPA concludes that a mandatory retrofit is not justified
- CRD + Opinion planned 1Q 2015



# On-going Part 26/CS-26 tasks

- RMT.0560 Halon phase out to comply with ICAO
  - NPA 2014-26 issued 18.11.2014
  - replacement of halon in:
    - lavatory waste receptacle
    - portable hand-held fire extinguishers for use in cabins and crew compartments
    - fire protection systems in aircraft cargo compartments
    - engine/APU compartments
    - production cut-in
    - No production cut-in proposed



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# Planning/programming/priorities

- Cycle to establish 2016-2019 RMP starting
- Due to reorganisation
  - Different process
  - Different level of detail
- CT exploring more flexible use of resources for rulemaking



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**Thank you**

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