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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**
to be 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) (CRD Q1 2014)
 - ✈ CS-MCSD (Maintenance Certifying Staff Data): start 2014
- } 31.01.14



Recent changes

★ Decision No 2013/033/R CS-25 amendment 14 (19.01.2013)

- Protection from debris impacts

★ Decision No 2013/031/R CS-25 ACNS initial issue (17.12.2013)

- CS for Airborne Communications, Navigation and Surveillance
- safety and interoperability compliance for requirements from Single European Sky Interoperability regulations
- single means of compliance for the aircraft manufacturing and modification industries



Recent changes

★ Decision No 2013/030/R

AMC-20 Amendment 11 (17.12.2013)

- Amendments to AMC-20 to ensure consistency with CS-ACNS

★ Decision No 2013/026/R

AMC-20 Amendment 10 (20.09.2013)

- AMC 20-115C Software considerations for airborne systems and equipment: update reference to ED-12C/DO-178C



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- ✪ **Opinion 07/2013: ‘Flight Testing’**
 - ✈ Defining flight test crew qualifications
 - ✈ Flight test operations manual for DOA & POA
 - ✈ Definition of flight tests
 - ✈ Flight test categories
 - ✈ Qualification of pilots for flight testing categories 3 and 4
 - ✈ Definition and qualification for lead flight test engineer

- ✳ **Opinion 08/2013: ‘Additional Airworthiness Requirements for Operations’**
 - ✈ Transfer of JAR-26
 - ✈ New Implementing Rule: Part-26
 - ✈ New CS-26: standard for complying with Part-26
 - ✈ CS-26 may be included in certification basis
 - ✈ Part-/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**
 - ✈ **Delays due to**
 - ✈ abandoning the horizontal structure in 2011
 - ✈ aligning with FAA schedule
 - ✈ Waiting for LOI pilot projects



Ongoing tasks

RMT.0262 (MDM.060) 'SMS and LOI' (cont.)

SMS Objectives

- Implement SMS for design and production
- Improve safety performance through systematic hazard identification, risk assessment and mitigation.
- Increase efficiency in oversight both for organisations and authorities
- Ensure compliance with the ICAO SARPS



Ongoing tasks

RMT.0262 (MDM.060) 'SMS and LOI' (cont.)

LOI Objectives

- Improve effectiveness of certification through risk based approach
- Better use of Agency resources by focusing on safety critical issues
- Make maximum use of DOA



Ongoing tasks

RMT.0245 (MDM.048) Standard changes/repairs

- ✈ A new CS for standard changes and repairs issued by the Agency
- ✈ First phase is “easy adoptable” standard changes and repairs from FAA AC 43.13 and “low hanging fruit”
- ✈ NPA is planned for publication soon



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
- ✈ AMC/GM for new 21.A.307(c) (acceptance of parts without Form 1)
- ✈ Started 2013 Q3



On-going CS-25 tasks

- Task RMT.0058 & RMT.0179 – New ice protection standards for large aeroplanes and turbine engines
 - **RMT.0058 (CS-25)**
 - **Book 1 (rules): CRD 2011-03** published November 2012
 - **Book 2 (AMCs): NPA 2012-22** published November 2012; review of comments on-going, **CRD planned 02Q2014**
 - **RMT.0179 (CS-E)**
 - **Book 1 (rules): CRD 2011-04** published December 2012
 - **Book 2 (AMCs): NPA 2012-23** published December 2012; review of comments on-going, **CRD planned 02Q2014**



On-going CS-25 tasks

- Task RMT.0572– Use of similarity analysis when showing compliance to SLD analysis
- **TOR** published 28 Jan 2013
- Develop CS-25 AMCs provisions (from task RMT.0058) to support compliance using similarities to previously certified aeroplanes with safe in-service experience
- Group report planned Mar 2014
- **NPA** planned **Sept 2014**



On-going CS-25 tasks

- Task RMT.0047/25.027 – Reduction of runway excursions
 - **NPA 2013-09** published 10 May 2013
 - New **CS/AMC 25.705** provisions mandate the installation of a runway overrun awareness and avoidance system
 - Comments under review and **CRD planned in 2014**



On-going CS-25 tasks

- Task RMT.0500 – Regular update of CS-25
 - **NPA 2013-11** published in July 2013.
 - Amend **AMC 25-11** in harmonisation with FAA draft AC 25-11A – **Electronic Flight Deck Displays**
 - New appendices 6 (Head-up display) and 7 (weather displays)
 - **New COG security specifications** in harmonisation with FAA NPRM
 - New **CS 25.795(d)+AMC** requiring that each COG or its installation must be designed to be secure by meeting at least one of four possible conditions
 - **Cabin safety**: several new or amended AMCs – recognize FAA ACs and correct editorial errors
 - Comments under review – harmonization with FAA drives the schedule (delayed)
 - **CRD** planned in **2014**



On-going CS-25 tasks

- Task RMT.0606 – Regular update of CS-25
 - **TOR** published **27 Jan 2014**
 - **NPA** planned **02Q2014**



On-going CS-25 tasks

➤ Task RMT.0225 Ageing Aircraft

- Meeting organised in December 2012 to present the contents of the NPA
- Workshop completed 24 April 2013
- **NPA 2013-07** consultation ended 23 Oct. 2013
 - 700 comments
- Review group meeting 24-27 February 2014
- **CRD planned 3Q2014**



➤ On-going Part 26/CS-26 tasks



On-going Part 26/CS-26 tasks

- RMT.0075 Fuel tank inerting
- **ToR** was published **April 2013**
- RIA was updated considering the inputs provided by different stakeholders
- **NPA** planned for **1Q/2014**



On-going Part 26/CS-26 tasks

- RMT.0069 Dynamic testing 16g
- **ToR issued 2Q2012**
- Agency task
- **NPA 2013-20 under consultation until 31/01/2014**



On-going Part 26/CS-26 tasks

- RMT.0070 Fire hazard in Class D cargo compartments
- **NPA 2013-23 under consultation until 24/02/2014**
- **NPA concludes that a mandatory retrofit is not justified**



On-going Part 26/CS-26 tasks

- RMT.0560 Update of Part 26 to comply with ICAO standards (Annex 6)
 - Annex 6 mandates “forward fit” on newly produced aircraft (based on existing TCs) of alternatives to halon in lavatory and hand-held fire extinguishers
 - **NPA under development, publication expected in 2014**
 - **No mandatory retrofit envisaged But this is prescribed by Regulation 744/2010 (DG-CLIMA)**



Other ongoing tasks

- Reorganisation of CS-23
 - Rulemaking group starting
- EFB
 - Decision coming soon