

Software and Airborne Electronic Hardware(AEH)

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Software (1/2)

➤ Current status

- AMC 20-115C is published and applied on CS-23, CS-25, CS-27, CS-29, CS-E
 - Recognizes DO-178C
 - Allows for program to use DO-178B
- When using DO-178B/ED-12B, current published Certification memorandum EASA-CM-SWCEH-002 is called into CRI as applicable guidance material



Software (2/2)

➤ On-going Rulemaking task

- AMC 20-115D drafting phase and processing of comments is made in harmonization with FAA AC 20-115D – same schedule
- NPA AMC 20-115D is now published for public comments
- AMC 20-115D is to be released in July-August 2017
 - Note : Certification Memorandum EASA CM-SWCEH-002 will be replaced by the AMC 20-115D



Airborne Electronic Hardware (1/2)

- Current status
 - Current published Certification memorandum EASA-CM-SWCEH-001 is called into CRI
 - Recognizes to ED-80/DO-254 as applicable guidance material
 - ED-80/DO-254 is supplemented by Certification memo
- On-going Rulemaking task
 - AMC 20-152 drafting phase and processing of comments is made in harmonization with FAA AC 20-152A – same schedule
 - Will replace the certification memorandum Hardware EASA CM-SWCEH-001



Airborn Electronic Hardware (2/2)

- Harmonized AMC 20-152 will cover
 - Guidance for development of custom devices (FPGA/PLD/ASICs)
 - Guidance when using COTS IP in custom devices
 - Guidance when using COTS devices, focusing on complex COTS
- Guidance will be expressed in an ‘objective oriented’ wording
 - SMART Objectives will be defined
 - Specific/ Measurable / Achievable / Realistic / Tangible





EU-CHINA
中欧民航合作项目 **APP**

End



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