



Executive Director Decision

2020/010/R

of 17 July 2020

issuing Amendment 19 to the General Acceptable Means of Compliance for airworthiness of products, parts and appliances (AMC-20)

'AMC-20 Amendment 19'

THE EXECUTIVE DIRECTOR OF THE EUROPEAN UNION AVIATION SAFETY AGENCY (EASA),

Having regard to Regulation (EU) 2018/1139¹, and in particular Article 104(3)(a) thereof,

Having regard to Commission Regulation (EU) No 748/2012, and in particular point 21.B.70 of Annex I (Part 21) thereto,

Whereas:

- (1) EASA shall, pursuant to Article 76(3) of Regulation (EU) 2018/1139, issue certification specifications and acceptable means of compliance, as well as guidance material, for the application of Regulation (EU) 2018/1139 and of the delegated and implementing acts adopted on the basis thereof.
- (2) Certification specifications are non-binding technical standards issued by EASA which indicate the means to demonstrate compliance with Regulation (EU) 2018/1139 and the delegated and implementing acts adopted on the basis thereof, and which can be used by organisations for the purpose of certification.
- (3) Acceptable means of compliance are non-binding standards issued by EASA which may be used by persons and organisations to demonstrate compliance with Regulation (EU) 2018/1139 and

¹ Regulation (EU) 2018/1139 of the European Parliament and of the Council of 4 July 2018 on common rules in the field of civil aviation and establishing a European Union Aviation Safety Agency, and amending Regulations (EC) No 2111/2005, (EC) No 1008/2008, (EU) No 996/2010, (EU) No 376/2014 and Directives 2014/30/EU and 2014/53/EU of the European Parliament and of the Council, and repealing Regulations (EC) No 552/2004 and (EC) No 216/2008 of the European Parliament and of the Council and Council Regulation (EEC) No 3922/91 (OJ L 212, 22.8.2018, p. 1) (<https://eur-lex.europa.eu/legal-content/EN/TXT/?qid=1535612134845&uri=CELEX:32018R1139>).



the delegated and implementing acts adopted on the basis thereof, or with the certification specifications.

- (4) Guidance material is non-binding material issued by EASA which helps to illustrate the meaning of a requirement or specification and is used to support the interpretation of Regulation (EU) 2018/1139, the delegated and implementing acts adopted on the basis thereof, certification specifications and acceptable means of compliance.
- (5) With Decision 2003/12/RM of 5 November 2003, the Executive Director issued general acceptable means of compliance for airworthiness of products, parts and appliances (« AMC-20 »).
- (6) EASA shall, pursuant to Article 4(1)(a) of Regulation (EU) 2018/1139, reflect the state of the art and the best practices in the field of aviation and update its decisions taking into account worldwide aviation experience and scientific and technical progress in the respective fields.
- (7) EASA has determined the need to amend AMC 20-1A, 20-2B and 20-3B to better support applicants for type certification, changes to an existing type certificate, or for the authorisation of European technical standard orders (ETSOs) in showing compliance with the applicable airworthiness regulations with regard to the certification of products and parts equipped with electronic control systems.
- (8) EASA has determined the need to amend AMC 20-8 to align it with the list of reportable occurrences mentioned in Regulation (EU) No 376/2014 and to better support persons and organisations that are subject to Regulation (EU) No 748/2012 and Regulation (EU) No 1321/2014 in determining when occurrences should be reported to EASA, competent authorities and other organisations.
- (9) EASA has determined the need to create AMC 20-19 to better support applicants for type certification, changes to an existing type certificate, or for the authorisation of European technical standard orders (ETSOs) in showing compliance with the applicable airworthiness regulations with regard to the installation of in-flight entertainment (IFE) systems.
- (10) EASA has determined the need to create AMC 20-152A to better support applicants for type certification, changes to an existing type certificate, or the authorisation of ETSOs in showing compliance with the applicable airworthiness regulations with regard to the electronic hardware development assurance aspects of airborne systems and equipment.
- (11) EASA has determined the need to create AMC 20-189 to better support applicants for type certification in showing compliance with the applicable airworthiness regulations with regard to the management of open problem reports (OPRs) in the domain of product certification or the authorisation of ETSOs.
- (12) EASA, pursuant to Article 115(1)(c) of Regulation (EU) 2018/1139, and Articles 6(3), 7 and 8 of the EASA Rulemaking Procedure², has widely consulted the interested parties on the matters

² EASA Management Board (MB) Decision No 18-2015 of 15 December 2015 replacing Decision 01/2012 concerning the procedure to be applied by the Agency for the issuing of opinions, certification specifications, acceptable means of compliance and guidance material ('Rulemaking Procedure')
(<http://www.easa.europa.eu/system/files/dfu/EASA%20MB%20Decision%2018-2015%20on%20Rulemaking%20Procedure.pdf>)



which are the subject of this Decision, and has provided thereafter a written response to the comments received³.

- (13) This Decision also issues a consolidated index table showing all the AMC-20 guidance issued by EASA. This is expected to increase transparency and facilitate the application of those AMCs,

HAS DECIDED:

Article 1

The Annex to this Decision is issued as Amendment 19 to the General Acceptable Means of Compliance for Airworthiness of Products, Parts and Appliances (AMC-20).

Article 2

This Decision shall enter into force on the day following that of its publication in the Official Publication of EASA.

It shall apply from 1 January 2021.

Cologne, 17 July 2020

*For the European Union Aviation Safety Agency
The Executive Director*

Patrick KY

³ <http://easa.europa.eu/document-library/comment-response-documents>

