

European Aviation Safety Agency

DECISION 2013/026/R OF THE EXECUTIVE DIRECTOR OF THE EUROPEAN AVIATION SAFETY AGENCY

OF 12 SEPTEMBER 2013

amending the Annexes to Decisions of the Executive Director of the Agency on General Acceptable Means of Compliance for Airworthiness of Products, Parts and Appliances (AMC-20) 2003/12/RM of 5 November 2003, 2007/019/R of 19 December 2007 and 2009/019/R of 16 December 2009

'Software considerations for airborne systems and equipment'

'AMC-20 Amendment 10'

THE EXECUTIVE DIRECTOR OF THE EUROPEAN AVIATION SAFETY AGENCY,

Having regard to Regulation (EC) No 216/2008 of the European Parliament and of the Council of 20 February 2008 on common rules in the field of civil aviation and establishing a European Aviation Safety Agency, and repealing Council Directive 91/670/EEC, Regulation (EC) No 1592/2002 and Directive 2004/36/EC¹ (hereinafter referred to as the 'Basic Regulation'), and in particular Articles 18(c) and Article 38(3)(a) thereof,

Having regard to Commission Regulation (EU) 748/2012 of 3 August 2012² laying down implementing rules for the airworthiness and environmental certification of aircraft and related products, parts and appliances, as well as for the certification of design and production organisations, in particular 21.A.16A of the Annex (Part-21) thereof.

Whereas:

- (1) The Executive Director issued general Acceptable Means of Compliance for airworthiness of products, parts and appliances (AMC-20) in the Annex to Executive Director Decision 2003/12/RM of 5 November 2003 (Initial Issue)³.
- (2) The Agency shall, pursuant to Article 18 (c) of the Basic Regulation, issue Certification Specifications (CS) and Acceptable Means of Compliance (AMC), as well as any Guidance Material (GM) for the application of the Basic Regulation and its Implementing Rules.

¹ OJ L 79, 19.03.2008, p. 1. Regulation as last amended by Commission Regulation (EU) No 6/2013 of 8 January 2013 (OJ L 4, 9.1.2013, p. 34).

² Commission Regulation (EU) No 748/2012 of 03 August 2012 laying down implementing rules for the airworthiness and environmental certification of aircraft and related products, parts and appliances, as well as for the certification of design and production organisations (OJ L 244, 21.08.2012, p.1). Regulation as last amended by Commission Regulation (EU) 7/2013 (OJ L 4, 9.1.2013, p. 36).

³ ED Decision 2003/12/RM of 05 November 2003 as last amended by Executive Director Decision 2012/014/R of 17 September 2012 (AMC-20 Amendment 9).

12/09/2013

- (3) The Agency is obliged, pursuant to Article 19 (2) of the Basic Regulation to reflect the state of the art and the best practices in the fields concerned and update CS, AMC and GM taking into account worldwide aircraft experience in service, and scientific and technical progress.
- (4) The Agency has determined a need to improve the AMC-20 with respect to Software considerations for airborne systems and equipment by updating the existing acceptable means of compliance to account for changes in technology and industry expectations.
- (5) The Agency, pursuant to Article 52(1)(c) of the Basic Regulation and articles 5(3), 6 and 7(2) of the Rulemaking Procedure⁴, has widely consulted interested parties on the matters which are the subject of this Decision and has provided thereafter a written response to the comments received⁵.

HAS DECIDED AS FOLLOWS:

Article 1

The Annexes to Decisions of the Executive Director of the Agency 2003/12/RM of 5 November 2003, 2007/019/R of 19 December 2007 and 2009/019/R of 16 December 2009 are amended as laid down in Annexes II – VI to this Decision.

Article 2

1. This Decision shall enter into force on 1st January 2014. It shall be published in the Official Publication of the Agency.
2. The Annexes shall not apply to applications received until 30 June 2014, if so requested by the applicant and providing that in such a case the applicant can demonstrate that the process of development of the relevant part or appliance started before the entry into force of this Decision, in accordance with the specifications applicable at that time.

Done at Cologne, 12 September 2013.

Patrick KY

⁴ EASA MB Decision 01-2012 of 13 March 2012 amending and replacing MB Decision 08-2007 concerning the procedure to be applied by the Agency for the issuing of opinions, certification specifications and guidance material ('Rulemaking Procedure').

⁵ See NPA 2012-11 on page: http://www.easa.europa.eu/ws_prod/r/r_archives.php
and CRD 2012-11 on page: http://www.easa.europa.eu/ws_prod/r/r_crd.php.