

## Executive Director Decision

**2018/008/R**

**of 27 August 2018**

**issuing and amending Certification Specifications for European Technical Standard Orders  
(CS-ETSO)**

**‘CS-ETSO — Amendment 14’**

**and**

**issuing General Acceptable Means of Compliance for Airworthiness of Products,  
Parts and Appliances (AMC-20)**

**‘AMC-20 — Amendment 15’**

THE EXECUTIVE DIRECTOR OF THE EUROPEAN AVIATION SAFETY AGENCY,

Having regard to Regulation (EC) No 216/2008<sup>1</sup>, and in particular Article 38(3)(a) thereof,

Having regard to Commission Regulation (EC) No 748/2012<sup>2</sup>, and in particular point 21.A.16A of Annex I (Part 21) thereto,

Whereas:

- (1) EASA shall, pursuant to Article 18(c) of Regulation (EC) No 216/2008, issue certification specifications and acceptable means of compliance, as well as guidance material for the application of Regulation (EC) No 216/2008 and its implementing rules.
- (2) Certification specifications are technical standards adopted by EASA which indicate the means to show compliance with Regulation (EC) No 216/2008 and its implementing rules and which can be used by organisations for the purpose of certification.
- (3) Acceptable means of compliance are non-binding standards adopted by EASA which may be used by persons and organisations to demonstrate compliance with Regulation (EC) No 216/2008 and its implementing rules or with the certification specifications; when

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<sup>1</sup> 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/EC (OJ L 79, 19.3.2008, p. 1).

<sup>2</sup> Commission Regulation (EU) No 748/2012 of 3 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 224, 21.8.2012, p. 1).



acceptable means of compliance are complied with, the related requirements of the implementing rules or the certification specifications are met.

- (4) With Decision No. 2003/10/RM of 24 October 2003, the Executive Director adopted certification specifications for European Technical Standard Orders (CS-ETSO)<sup>3</sup>.
- (5) With Decision No. 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)<sup>4</sup>.
- (6) EASA shall, pursuant to Article 19(2) of Regulation (EC) No 216/2008, reflect the state of the art and the best practices in the fields concerned and update its decisions taking into account worldwide aircraft experience in service, and scientific and technical progress.
- (7) EASA has determined the need to improve CS-ETSO with respect to equipment approvals by issuing ETSO-C214. This new ETSO offers, to integrators of aircraft functions on already authorised integrated modular avionics (IMA) platforms, the possibility to obtain ETSO authorisations, independent from any aircraft on which the platform might be installed.
- (8) EASA has determined that there is a need to introduce AMC 20-170 to provide guidance for the incremental certification of IMA, starting from platform modules, culminating with the installation of the IMA on an aircraft, and covering all the related aspects.
- (9) EASA, pursuant to Article 52(1)(c) of Regulation (EC) No 216/2008 and Articles 6(3), 7 and 8 of the EASA Rulemaking Procedure<sup>5</sup>, 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 received<sup>6</sup>,

HAS DECIDED:

### **Article 1**

The Annex to Decision No. 2003/10/RM of the Executive Director of the Agency of 24 October 2003 is amended as laid down in Annexes I and II to this Decision.

### **Article 2**

The Annex to Decision No. 2003/12/RM of the Executive Director of the Agency of 5 November 2003 is amended as laid down in Annexes III and IV to this Decision.

<sup>3</sup> Decision No. 2003/10/RM of the Executive Director of the Agency of 24 October 2003 on certification specifications, including airworthiness codes and acceptable means of compliance, for European Technical Standard Orders (« CS-ETSO ») — Initial issue.

<sup>4</sup> Decision No. 2003/12/RM of the Executive Director of the Agency of 5 November 2003 on general acceptable means of compliance for airworthiness of products, parts and appliances (« AMC-20 ») — Initial issue.

<sup>5</sup> EASA MB Decision No 01-2012 of 13 March 2012 amending and replacing Decision 08-2007 concerning the procedure to be applied by the Agency for the issuing of Opinions, Certification Specifications and Guidance Material ('Rulemaking Procedure') (<http://www.easa.europa.eu/the-agency/facts-and-figures/easa-mb-decision-01-2012-amending-and-replacing-mb-decision-08-2007>).

<sup>6</sup> CRD to NPA 2017-11, available at <http://easa.europa.eu/document-library/comment-response-documents>.



**Article 3**

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

Cologne, 27 August 2018.

*For the European Aviation Safety Agency  
The Executive Director*

Patrick KY

