

## **European Aviation Safety Agency**

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### **DECISION N° 2009/010/R OF THE EXECUTIVE DIRECTOR OF THE EUROPEAN AVIATION SAFETY AGENCY**

**OF 26 JUNE 2009**

**amending Decision No. 2003/02/RM of the Executive Director of the Agency of 17 October 2003**

**on**

**Certification Specifications, including Airworthiness Codes and Acceptable Means of Compliance, for Large Aeroplanes (« CS-25 »)**

THE EXECUTIVE DIRECTOR OF THE EUROPEAN AVIATION SAFETY AGENCY,

Having regard to the 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<sup>1</sup> (hereinafter "The Basic Regulation"), and in particular Articles 18(c), 38(3)(a) and (e) thereof,

Having regard to the Commission Regulation (EC) No 1702/2003 of 24 September 2003 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<sup>2</sup>, in particular 21A.16A of the Annex (Part-21) thereof.

Whereas:

- (1) The Executive Director issued certification specifications including airworthiness code and acceptable means of compliance, for large aeroplanes (« CS-25 ») in the Annex to Executive Director Decision No 2003/2/RM of 17 October 2003 (Initial Issue)<sup>3</sup>.
- (2) The Agency shall, pursuant to Article 18 of the Basic Regulation, issue certification specifications, including airworthiness codes and acceptable means of compliance, as well as guidance material for the application of the Basic Regulation and its implementing rules.

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<sup>1</sup> OJ L 79, 19.03.2008, p. 1.

<sup>2</sup> OJ L 243, 27.9.2003, p. 6. Regulation as last amended by Regulation (EC) No 1057/2008 of 27 October 2008 (OJ L 283, 28.9.2008, p. 30).

<sup>3</sup> Executive Director Decision No 2003/2/RM of 17 October 2003 as last amended by Executive Director Decision 2008/006/R of 29 August 2008 (CS-25 Amendment 5).

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- (3) The Agency is obliged, pursuant to Article 19 of the Basic Regulation to reflect the state of the art and the best practices in the fields concerned and update certification specifications taking into account world wide aircraft experience in service, and scientific and technical progress.
- (4) The Agency, further to incidents/accidents in which flammability characteristics of thermal/acoustic insulation material have been a contributing factor, has decided to upgrade the standard of those materials installed in the fuselage of large aeroplanes. Updated CS-25 specifications in line with FAR 25 requirements are then introduced to improve the resistance of insulation material to flame propagation and to flame penetration.
- (5) The Agency, subsequent to publication of NPA 16/2004 (Flight in Icing Conditions) in CS-25 Amendment 4, were made aware of the possibility of an aeroplane encountering a hazardous situation during the landing phase of flight in icing conditions. The text of CS-25 is amended to provide an adequate manoeuvring margin from the stall for the crew to recover the aeroplane to safe controlled flight without significant loss of height.
- (6) The Agency, further to the fuel tank explosion accidents which occurred in the recent years, has determined the need to improve Certification Specifications for Large Aeroplanes in order to mitigate the risk of fuel tank explosion. To complement the existing CS-25 specifications on fuel tank ignition prevention, some requirements are introduced to address fuel tank flammability exposure.
- (5) The Agency, pursuant to Article 52(1)(c) of the Basic Regulation and articles 5(3), 6 and 7(2) of the Rulemaking Procedure<sup>4</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>5</sup>.

HAS DECIDED:

#### Article 1

The Annex to the Executive Director Decision No 2003/2/RM of 17 October 2003 containing the certification specifications, including airworthiness code and acceptable means of compliance, applicable to Large Aeroplanes (« CS-25 ») is replaced by the Annex to this Decision.

#### Article 2

This decision shall enter into force on 6<sup>th</sup> July 2009. It shall be published in the Official Publication of the Agency.

Done in Cologne, on 26 June 2009.

P. GOUDOU

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<sup>4</sup> Management Board Decision concerning the procedure to be applied by the Agency for the issuing of opinions, certification specifications and guidance material (Rulemaking Procedure), EASA MB/08/07, 13.6.2007.

<sup>5</sup> See NPA 2008-05, 2008-13, 2008-19 and CRD 2008-05, 2008-13, 2008-19 on Rulemaking Archives page [http://www.easa.europa.eu/ws\\_prod/r/r\\_archives.php](http://www.easa.europa.eu/ws_prod/r/r_archives.php).