

## **European Aviation Safety Agency**

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### **DECISION 2012/021/R OF THE EXECUTIVE DIRECTOR OF THE EUROPEAN AVIATION SAFETY AGENCY**

**OF 11 DECEMBER 2012**

**amending Decision 2003/15/RM of the Executive Director of the Agency  
of 14 November 2003**

**on**

**Certification Specifications for Small Rotorcraft ('CS-27')**

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/EC<sup>1</sup> (hereinafter referred to as the 'Basic Regulation'), and in particular Articles 18(c), 38(3)(a) and (e) thereof,

Having regard to 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>, and in particular section 21A.16A of the Annex (Part-21) thereof.

Whereas:

- (1) The Executive Director issued Certification Specifications and Acceptable Means of Compliance, for small rotorcraft ('CS-27') in the Annex to Executive Director Decision 2003/15/RM of 14 November 2003 (Initial Issue)<sup>3</sup>.
- (2) The Agency shall, pursuant to Article 18 of the Basic Regulation, issue Certification Specifications 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. Regulation as last amended by Regulation (EC) No 1108/2009 of 21.10.2009 of the European Parliament and of the Council (OJ L 309, 24.11.2009, p. 51).

<sup>2</sup> OJ L 243, 27.9.2003, p. 6. Regulation as last amended by Regulation (EC) No 1194/2009 of 30 November 2009 (OJ L 321, 8.12.2009, p. 5).

<sup>3</sup> Executive Director Decision 2003/15/RM of 14 November 2003 as last amended by Executive Director Decision 2008/09/R of 17 November 2008 (CS-27 Amendment 2).

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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 to update Certification Specifications and Acceptable Means of Compliance taking into account worldwide aircraft experience in service, and scientific and technical progress.
- (4) The Agency has determined the need to establish a certification specification for composite structures that is harmonised with our international partners. Currently certification specifications for composite structure are based on a broad interpretation of those governing certification of metallic structures. Composites are complex materials with features and characteristics that are significantly different to those of metallic structures. This has resulted in unclear and incomplete requirements, and has led to inconsistent application.
- (6) 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 AS FOLLOWS:

*Article 1*

The Annex to the Executive Director Decision 2003/15/RM of 14 November 2003 containing the Certification Specifications and Acceptable Means of Compliance, applicable small rotorcraft ('CS-27') is replaced by the Annex to this Decision.

*Article 2*

This Decision shall enter into force one week after publication. It shall be published in the Official Publications of the Agency.

Done at Cologne, on 11 December 2012

[signed]

P. GOUDOU

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<sup>5</sup> 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').

<sup>6</sup> See NPA 2011-14 and CRD 2011-14; documents available on the Agency's website, under the Rulemaking Archives page: <http://easa.europa.eu/rulemaking/r-archives.php>.