



**European Aviation Safety Agency
Rulemaking Directorate**

EXPLANATORY NOTE

CS-E Amendment 1

Executive Director Decision 2007/015/R amends Decision No 2003/9/RM of the Executive Director of the Agency of 24 October 2003 on certification specifications, including airworthiness codes and acceptable means of compliance, for Engines (« CS-E »).

This Amendment 1 of CS-E: Engines, incorporates the output from the following EASA rulemaking tasks:

Rulemaking Task No.	TITLE	NPA No.
E.001	Miscellaneous Amendments to CS-E	03/2005
20.001	Certification of Aircraft Propulsion Systems Equipped With Electronic Engine Control Systems	04/2005

The NPAs have been subject to consultation in accordance with Article 43 of the Basic Regulation¹ and Article 15 of the Rulemaking Procedure² established by the Management Board. The Agency has addressed and responded to the comments received on each NPA. The responses are contained in Comment Response Documents (CRD) which are available on the Agency's web-site.

In response to both CRD 03/2005 and 04/2005, EASA received no reactions that are relevant to CS-E Amendment 1

In addition to substantial amendments, this amendment includes editorial corrections identified in the initial issue of CS-E. The more significant of these are identified as follows:

- **CS-E 180(b)(2)**: Reference to "CS-E 570(b)(6)", is changed to "CS-E 570(f)(3)(i)".
- **CS-E 360(b)**: For clarity, the 4th line should read "manifold air pressure and air temperature".
- **CS-E 800(c)**: Figure changed so that label is consistent with the text of paragraph (v) Step 4 – "Thrust increase, minimum 5%, maximum 10% from previous level of rated Take-off Thrust. Up in 10s, maintain 60 s."
- **AMC E 10(c)** is renamed AMC E 10(b).

¹ Regulation (EC) No 1592/2002 of the European Parliament and of the Council of 15 July 2002 on common rules in the field of civil aviation and establishing a European Aviation Safety Agency, *OJ L 240, 7.9.2002, p. 1*. Regulation as last amended by Regulation (EC) No 334/2007 (*OJ L 88, 29.3.2007, p. 39*).

² Decision MB/08/2007 of the Management Board of 13 June 2007 amending and replacing Decision MB/07/2003 concerning the procedure to be applied by the Agency for the issuing of Opinions, Certification Specifications and Guidance Material ("Rulemaking Procedure").

- **AMC E 130(1)(d)**: Incorrectly states that “fire-resistant” and “fireproof” are defined in CS-E 15. A change is made to correctly refer to CS-Definitions.
- **AMC E 150(f)**: AMC E 150(f) was misplaced in the first release of CS-E. It is now moved to AMC E 740(h)(2) and references corrected. A title is added to CS-E 740(h), which was previously missing, and this is reflected in a change in title to the AMC.
- **AMC to CS-E 670 (1)(c)**: is amended to read “The point at which impending filter blockage will be indicated to the flight crew...” to be consistent with CS-E 560, CS-E 570 and CS-E 670 (b)(2).
- **AMC E 1020**: Reference to CS-E 1000(c) is amended to refer to CS-E 1000.

This amendment also establishes the links between specifications in Book 1 and associated Book 2 AMCs, which were not included in the initial issue of CS-E.

All changes and corrections are identified in the supporting Change Information document.