

CORRIGENDUM III

Due to a technical issue, the certification specifications were not visible in the published pdf version of CS-27 Amendment 5. The mistake has been corrected in the replaced version.

CS 27.1316 Electrical and electronic system lightning protection

(a) Each electrical and electronic system that performs a function whose failure would prevent the continued safe flight and landing of the rotorcraft must be designed and installed in a way that:

(1) the function is not adversely affected during and after the rotorcraft's exposure to lightning; and

(2) the system automatically recovers normal operation of that function in a timely manner after the rotorcraft's exposure to lightning unless the system's recovery conflicts with other operational or functional requirements of the system that would prevent continued safe flight and landing of the rotorcraft.

(b) For rotorcraft approved for instrument flight rules operation, each electrical and electronic system that performs a function whose failure would reduce the capability of the rotorcraft or the ability of the flight crew to respond to an adverse operating condition must be designed and installed in a way that the function recovers normal operation in a timely manner after the rotorcraft's exposure to lightning.

[Amdt 27/4]

CS 27.1317 High-Intensity Radiated Fields (HIRF) protection

(a) Each electrical and electronic system that performs a function whose failure would prevent the continued safe flight and landing of the rotorcraft must be designed and installed in a way that:

(1) the function is not adversely affected during and after the rotorcraft's exposure to HIRF environment I as described in Appendix D;

(2) the system automatically recovers normal operation of that function in a timely manner after the rotorcraft's exposure to HIRF environment I as described in Appendix D unless the system's recovery conflicts with other operational or functional requirements of the system that would prevent continued safe flight and landing of the rotorcraft;

(3) the system is not adversely affected during and after the rotorcraft's exposure to HIRF environment II as described in Appendix D; and

(4) each function required during operation under visual flight rules is not adversely affected during and after the rotorcraft's exposure to HIRF environment III as described in Appendix D.

(b) Each electrical and electronic system that performs a function whose failure would significantly reduce the capability of the rotorcraft or the ability of the flight crew to respond to an adverse operating condition must be designed and installed in a way that the system is not adversely affected when the equipment providing the function is exposed to equipment HIRF test level 1 or 2 as described in Appendix D.

(c) Each electrical and electronic system that performs a function whose failure would reduce the capability of the rotorcraft or the ability of the flight crew to respond to an adverse operating condition must be designed and installed in a way that the system is not adversely affected when the equipment providing the function is exposed to equipment HIRF test level 3 as described in Appendix D.

[Amdt 27/4]

28 June 2018

CORRIGENDUM II

Corrigendum to Annex I to Decision 2018/007/R of the Executive Director of the Agency of 14 June 2018 amending the Certification Specifications and Acceptable Means of Compliance for Small Rotorcraft '**CS-27 Amendment 5**'

SUBPART G –OPERATING LIMITATIONS AND INFORMATION

CS 27.1593 Exposure to volcanic cloud hazards

Due to a technical issue, the certification specifications were not visible in the published pdf version of CS-27 Amendment 5. The mistake has been corrected in the replaced version.

27 June 2018

CORRIGENDUM I

Corrigendum to **Annex II** to Decision 2018/007/R of the Executive Director of the Agency of 14 June 2018 amending the Certification Specifications and Acceptable Means of Compliance for ~~Small~~ **Large** Rotorcraft '**CS-29 Amendment 5**'

SUBPART F –EQUIPMENT

CS 29.1316 Electrical and electronic system lightning protection

and

CS 29.1317 High-Intensity Radiated Fields (HIRF) protection

Due to a technical issue, both certification specifications were not visible in the published pdf version of CS-29 Amendment 5. The mistake has been corrected in the replaced version.