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Aerospace series - Standardized passenger seat weight information

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 10/15

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Úrad pre normalizáciu, metrológiu a skúšobníctvo SR, 2015
Podľa zákona č. 264/1999 Z. z. v znení neskorších predpisov sa môžu slovenské technické normy rozmnožovať a rozširovať iba so súhlasom Úradu pre normalizáciu, metrológiu a skúšobníctvo SR.

ICS 49.095

English Version

Aerospace series - Standardized passenger seat weight information

Série aérospatiale - Définition standardisée du poids d'un siège passager

Luft- und Raumfahrt - Standardisierte Sitzgewichtangaben für Passagiersitze

This European Standard was approved by CEN on 10 January 2015.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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European foreword

This document (EN 4727:2015) has been prepared by the Aerospace and Defence Industries Association of Europe - Standardization (ASD-STAN).

After enquiries and votes carried out in accordance with the rules of this Association, this Standard has received the approval of the National Associations and the Official Services of the member countries of ASD, prior to its presentation to CEN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by January 2016, and conflicting national standards shall be withdrawn at the latest by January 2016.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

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1 Scope

The weight for cabin equipment is an important topic in the aviation business. The cabin equipment weight has a direct impact on the payload of the aircraft, operation cost and revenue of the airlines. Due to the number of aircraft seats, seats are one of the major weight drivers in the cabin. At this time a lot of seat weights are used without any clear definition, e.g. allowable max. weight, certified weight, defined weight. For the definition of each customer specific cabin definition it is important to get comparable seat weights. Aircraft seats are very different with regard to seat envelope dimensions and integrated features and options. For a weight calculation and product comparison it is very helpful to get comparable weight information based on a standard weight.

The aim of this European Standard is to define a clear definition for the different weight information and a baseline for a seat weight calculation to get comparable seat weights for set brochures and marketing reasons.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

CS-25/Amendment 5, 5 September 2008, *Certification Specification for Large Aeroplanes* ¹⁾

koniec náhľadu – text ďalej pokračuje v platenej verzii STN

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