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Aerospace series - Standardized measurement methods for comfort and living space criteria for aircraft passenger seats

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

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English Version

Aerospace series - Standardized measurement methods for comfort and living space criteria for aircraft passenger seats

Série aérospatiale - Mesure standardisée du confort et de l'espace de vie des sièges passagers d'avion

Luft- und Raumfahrt - Sandardisierte Meßmethoden für Komfort und Living Space Kriterien bei Passagiersitzen im Flugzeug

This European Standard was approved by CEN on 19 March 2015.

EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

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European foreword

This document (EN 4723:2015) 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 European 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of an identical text or by endorsement, at the latest by March 2016, and conflicting national standards shall be withdrawn at the latest by March 2016.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

This European Standard specifies requirements and measurement methods for the assessment of passenger living space and comfort. Its aim is to improve the passenger comfort quality of aircraft cabins and provide measurement methods to compare cabin seat layouts and seats.

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.

EN ISO 1856, *Flexible cellular polymeric materials — Determination of compression set (ISO 1856)*

SAE AS8049B, *Performance Standard for Seats in Civil Rotorcraft, Transport Aircraft, and General Aviation Aircraft* [1)]

SAE J826, *Devices for Use in Defining and Measuring Vehicle Seating Accommodations* [1)]

ASTM D3574, *Standard Test Methods for Flexible Cellular Materials — Slab, Bonded, and Molded Urethane Foams* [2)]

1) Published by: SAE National (US) Society of Automotive Engineers (http://www.sae.org/).

2) Published by: ASTM National (US) American Society for Testing and Materials (http://www.astm.org/).