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INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

HB 8678-2023

Method for determining allowable values for aircraft composite laminate structural design

飞机复合材料层压板结构设计许用值确定方法

(English Translation)

Issued on: December 20, 2023 **Implemented on: July 1, 2024**

Issued by: Ministry of Industry and Information Technology of the People's Republic of China

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https://chinastandards.org/standards/hb-8678-2023

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1 Foreword

HB 8678-2023 was issued by Ministry of Industry and Information Technology of the People's Republic of China on 20 December 2023 and has been in force since 1 July 2024.

The HB prefix, without a suffix, marks a mandatory standard: within its scope, compliance is required.

The document runs to 15 pages in English translation.

2 Scope Preview

This standard specifies the design ideas and determination methods for the design allowable values of aircraft composite laminates. This standard is applicable to the determination of design allowable values of composite laminates for civil aircraft, and can be used as a reference for other types of aircraft.

HB 8678-2023 is filed under Chinese Standard Classification V04, in the field of aerospace.

This catalogue holds 106 other HB standards without an ICS number.

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In this catalogue, HB standards carry edition years from 2012 to 2025.

3 About this standard

Sector: Aviation Industry Standard

Issued by: Ministry of Industry and Information Technology of the People's Republic of China

English translation: about 15 pages (approximate)

4 Related standards

Standards on related subjects:

GB/T 38905-2020 - Type designation for civil unmanned aircraft system

GB/T 38239-2019 - Service specification for space science data products

GB/T 36249-2018 - Model based aviation equipment research and development-Technical data package

HB 8732-2023 - Ground taxiing test method for light and small fixed-wing unmanned aerial vehicle system

HB 8704-2023 - Electromagnetic interference path loss test method for portable electronic equipment on civil aircraft

HB 8677-2023 - Calculation method of aircraft integral fuel tank oil pressure load

5 Classification and status

Chinese Standard Classification (CCS): V 04

Prefix HB: mandatory standard.

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