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ICS 49.045
CCS V35

HB

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

HB 8718-2023

Aircraft structural integrity design requirements

飞机结构完整性设计要求

(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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1 Foreword

HB 8718-2023 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 design requirements for civil aircraft structural integrity design data, design analysis and development testing, full-scale testing, certification and user management planning, and user management implementation. This standard applies to the structural integrity design of civil aircraft.

HB 8718-2023 falls under ICS 49.045, in the field of aircraft and space vehicle engineering.

This catalogue holds 64 other HB standards in that field.

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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 42590-2023 - Safety requirements for civil unmanned aircraft system

GB/T 36258-2018 - Grounds-service connections of aircraft potable water, toilet-flush water and toilet drain

HB 8708-2025 - Requirements of flight test safety information gathering, reports and disposal on aircraft

HB 8714-2024 - Aircraft airspeed system calibration flight test requirements

HB 8710-2024 - General requirements for aircraft flight test real-time monitoring system

5 Classification and status

International classification (ICS): 49.045

Chinese Standard Classification (CCS): V 35

Prefix HB: mandatory standard.

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