Chinastandards.org

ICS 49.090
CCS V 35

HB

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

HB 8711-2024

Flight test requirements for aircraft fire protection systems

(English Translation)

Issued on: December 10, 2024 **Implemented on: July 1, 2025**

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

Preview: page 1 of 3 shown, 12 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/hb-8711-2024

Chinastandards.org

Table of Contents

[Preview only]
1 Scope
2 Normative References
2.1 Terms
3 Terms and Definitions
4 Overview
4.1 General requirements
5 Technical Requirements
6 Calibration conditions
6.1 Environmental conditions
6.2 Measurement standards and other equipment
7 Calibration items and calibration methods
7.1 Calibration Items
7.2 Calibration method
8 Expression of calibration results
9 Recalibration interval

1 Foreword

HB 8711-2024 was issued by Ministry of Industry and Information Technology of the People's Republic of China on 10 December 2024 and has been in force since 1 July 2025.

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

The document runs to 12 pages in English translation.

2 Scope Preview

This standard specifies the content and requirements of the flight test of the fire protection system of transport aircraft. This standard applies to the flight test of the fire protection system of civil transport aircraft, among which the fire extinguishing system is applicable to the flight test of the fixed fire extinguishing system installed with Halon 1301 (trifluoromonobromomethane), and can be used as a reference for military transport aircraft or other types of aircraft modified with military transport aircraft as a platform.

Preview: page 2 of 3 shown, 12 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/hb-8711-2024

HB 8711-2024 falls under ICS 49.090, in the field of aircraft and space vehicle engineering.

This catalogue holds 64 other HB standards in that field.

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

3 About this standard

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

English translation: about 12 pages

Chinese original: about 18,192 characters

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 8707-2025 - Requirements of flight test safety risk management on aircraft

HB 8706-2025 - Incident of flight test for civil aircraft

5 Classification and status

International classification (ICS): 49.090

Chinese Standard Classification (CCS): V 35

Prefix HB: mandatory standard.

Preview: page 3 of 3 shown, 12 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/hb-8711-2024