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ICS 49.090
CCS V35

HB

INDUSTRY STANDARD OF THE

PEOPLE'S REPUBLIC OF CHINA

HB 8739-2025

General requirements of safety performance monitoring and evaluation of civil aircraft flight test

飞机试飞安全数据分析与系统评价要求

(English Translation)

Issued on: August 19, 2025 **Implemented on: March 1, 2026**

Issued by: Ministry of Industry and Information Technology

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1 Foreword

HB 8739-2025 was issued by Ministry of Industry and Information Technology on 19 August 2025 and has been in force since 1 March 2026.

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 requirements for the analysis of safety data during aircraft flight testing and the general requirements for the evaluation of flight test safety management systems. This standard applies to the acquisition and analysis of safety data during flight testing of civil and military aircraft. Other aircraft may refer to this standard.

HB 8739-2025 falls under ICS 49.090, 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

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 8738-2025 - General requirements of safety performance monitoring and evaluation of civil aircraft flight test

HB 8741-2023 - Aircraft cockpit door design requirements

HB 8735-2023 - General requirements for data links for civil unmanned aerial vehicle systems

5 Classification and status

International classification (ICS): 49.090

Chinese Standard Classification (CCS): V 35

Prefix HB: mandatory standard.

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