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ICS 49.020
CCS V06

HB

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

HB 8749-2023

Verification requirements for lightning indirect effect protection of civil aircraft electrical and electronic systems

民用飞机电子电气系统雷电间接效应防护验证要求

(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 8749-2023 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 verification procedures and requirements for lightning indirect effect protection of civil aircraft electrical and electronic systems. This standard applies to the airworthiness compliance verification of civil aircraft electronic and electrical systems.

HB 8749-2023 falls under ICS 49.020, 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/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 8724-2023 - Civil aircraft lightning test methods

HB 8750-2023 - Control requirements for electromagnetic environmental effects in civil aircraft systems

5 Classification and status

International classification (ICS): 49.020

Chinese Standard Classification (CCS): V 06

Prefix HB: mandatory standard.

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