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ICS 49.095
CCS V35

HB

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

HB 8744-2023

General requirements for self-circulating toilet systems for civil aircraft

民用飞机自循环式马桶系统通用要求

(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 8744-2023 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 general design requirements and verification requirements for the function, performance, safety, reliability, maintainability, etc. of self-circulating toilets for civil aircraft. This standard applies to civil transport aircraft, and other aircraft can be used as a reference.

HB 8744-2023 falls under ICS 49.095, 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 8739-2025 - General requirements of safety performance monitoring and evaluation of civil aircraft flight test

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

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

5 Classification and status

International classification (ICS): 49.095

Chinese Standard Classification (CCS): V 35

Prefix HB: mandatory standard.

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