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HB

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

HB 7086-2023

Civil aircraft aerodynamic outer edge tolerances

民用飞机气动外缘公差

(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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https://chinastandards.org/standards/hb-7086-2023

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1 Foreword

HB 7086-2023 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 aerodynamic outer edge tolerances of civil aircraft, mainly including: tolerance requirements for shape value, waviness, step difference, clearance, airfoil distortion, control surface conformity, fastener flushness, etc. This standard applies to civil aircraft, and other aircraft may be used as a reference.

HB 7086-2023 is filed under Chinese Standard Classification V36, in the field of aerospace.

This catalogue holds 106 other HB standards without an ICS number.

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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

HB 8734-2023 - General requirements for cabin-type ground control stations for civilian light and small fixed-wing unmanned aerial vehicle systems

HB 8733-2023 - Horizontal measurement method for small and medium-sized fixed-wing UAVs

5 Classification and status

Chinese Standard Classification (CCS): V 36

Prefix HB: mandatory standard.

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