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ICS 49.020
CCS V36

HB

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

HB 8733-2023

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

中小型固定翼无人机水平测量方法

(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 8733-2023 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 requirements for horizontal measurements of small and medium-sized fixed-wing UAVs, measurement implementation and measurement reporting requirements. This standard is applicable to the level measurement of small and medium-sized fixed-wing UAVs using levels and theodolite. The level measurement of aircraft using other instruments can be used as a reference.

HB 8733-2023 falls under ICS 49.020, in the field of aircraft and space vehicle engineering.

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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

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 8737-2023 - Autonomous control level requirements for civil unmanned aerial vehicle systems

HB 8736-2023 - General requirements for civil vertical takeoff and landing fixed-wing unmanned aerial vehicle systems

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

5 Classification and status

International classification (ICS): 49.020

Chinese Standard Classification (CCS): V 36

Prefix HB: mandatory standard.

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