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ICS 49.020
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HB

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

HB 8732-2023

Ground taxiing test method for light and small fixed-wing unmanned aerial vehicle system

轻小型固定翼无人机系统地面滑行试验方法

(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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https://chinastandards.org/standards/hb-8732-2023

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1 Foreword

HB 8732-2023 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 test purpose, general requirements, test items and procedures, test suspension or interruption, test result analysis, etc. for ground taxiing tests of light and small fixed-wing unmanned aerial vehicle systems. This standard is applicable to the design and implementation of ground taxiing tests for UAVs with a maximum take-off weight of 0.25kg to 150kg using wheeled take-off and landing. The ground taxiing test of other UAV systems can be implemented as a reference.

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HB 8732-2023 falls under ICS 49.020, in the field of aircraft and space vehicle engineering.

This catalogue holds 64 other HB standards in that field.

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 38905-2020 - Type designation for civil unmanned aircraft system

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 8704-2023 - Electromagnetic interference path loss test method for portable electronic equipment on civil aircraft

HB 8678-2023 - Method for determining allowable values for aircraft composite laminate structural design

HB 8677-2023 - Calculation method of aircraft integral fuel tank oil pressure load

5 Classification and status

International classification (ICS): 49.020

Chinese Standard Classification (CCS): V 04

Prefix HB: mandatory standard.

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