Chinastandards.org

ICS 49.020
CCS V35

HB

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

HB 8761-2023

Software requirements for ground control unit of civil light and small multi-rotor unmanned aerial vehicle system

民用轻小型多旋翼无人机系统地面控制单元软件要求

(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

Preview: page 1 of 3 shown, 15 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/hb-8761-2023

Table of Contents

[Preview only]
1 Scope
2 Normative References
2.1 Terms
3 Terms and Definitions
4 Overview
4.1 General requirements
5 Technical Requirements
6 Calibration conditions
6.1 Environmental conditions
6.2 Measurement standards and other equipment
7 Calibration items and calibration methods
7.1 Calibration Items
7.2 Calibration method
8 Expression of calibration results
9 Recalibration interval

1 Foreword

HB 8761-2023 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 ground control unit software for civilian light and small multi-rotor unmanned aerial vehicles. This standard applies to the design, development, testing, use and maintenance of UAV ground control unit software. Other UAV ground control unit software can be implemented as a reference.

HB 8761-2023 falls under ICS 49.020, in the field of aircraft and space vehicle engineering.

This catalogue holds 64 other HB standards in that field.

Preview: page 2 of 3 shown, 15 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/hb-8761-2023

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 8766-2025 - Test method for electrical performance of composite radome for civil aircraft

HB 8765-2025 - Specification for hydraulic actuator of aircraft flight control systems

HB 8764-2025 - Specification for hydraulic actuator of aircraft flight control systems

5 Classification and status

International classification (ICS): 49.020

Chinese Standard Classification (CCS): V 35

Prefix HB: mandatory standard.

Preview: page 3 of 3 shown, 15 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/hb-8761-2023