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ICS 49.020
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HB

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

HB 8740-2023

General requirements for mission payload interface of civilian light and small unmanned aerial vehicle systems

民用轻小型无人机系统任务载荷接口通用要求

(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 8740-2023 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 and detailed requirements for the mission load interface of civilian light and small unmanned aerial vehicle systems. This standard is applicable to independently loadable and unloadable task loads for UAV systems with a maximum take-off weight between 0.25kg and 25kg. Other UAV systems can be implemented as a reference.

HB 8740-2023 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 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

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

5 Classification and status

International classification (ICS): 49.020

Chinese Standard Classification (CCS): V 36

Prefix HB: mandatory standard.

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