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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 35855-2018

Identification marking of aircraft electrical cables

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard uses the translation method equivalent to using ISO 2574.1994 "Aircraft cable identification."

This standard made the following editorial changes.

---3.2 added a description of the identification example;

--- ISO 2574.1994 Table 2 As of.2015, a "note" has been added to Table 2 of this standard, which has been expanded according to its coding rules;

--- Table 8 adds a "note", the necessary identification of the method of identification.

This standard was proposed by China Aviation Industry Corporation.

This standard is under the jurisdiction of the National Aircraft Standardization Technical Committee (SAC/TC435).

This standard was drafted by Shaanxi Aviation Electric Co., Ltd., Hefei Jianghang Aircraft Equipment Co., Ltd., and China Aviation Comprehensive Technology Research Institute.

Research Institute, Baosheng Technology Innovation Co., Ltd., Guangzhou Kaiheng Special Wire & Cable Co., Ltd., Shenyang Xinghua Aviation Electric Co., Ltd.

1 Scope

This standard specifies the marking method for single-core, multi-core and coaxial wire and cable for aircraft wiring, indicating the types and specifications of wires and cables.

Source, production date, etc., to facilitate the maintenance of wire and cable and failure analysis, but also to use the same wire and cable replacement when necessary.

Simultaneously,

This standard also specifies the marking method of insulated wire cores. This standard supplements existing identification information and also takes into consideration the

manufacturers of each country.

The code.

This standard applies to the identification of aircraft wire and cable.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only dated versions apply to this article

Pieces. For undated references, the latest version (including all amendments) applies to this document.

ISO 3166:1993 Codes for the representation of names of countries

3 Cable identification

3.1 Due to the different requirements for cable sheathing, the minimum size of cable that can be marked depends on the outside diameter and should be performed in the cable specification

Provisions.

The marking shall include a set of codes, which are in accordance with the specification symbols specified in the relevant national standards, using contrasting colors of green or sheath colors.

Marking, repeat every 300mm +/- 50mm, its contents include.

- Cable name or specification/standard number, model number and specification (specification code according to Table 1);
- Country of origin code, alpha-2 code according to ISO 3166;
- manufacturer code, in accordance with the relevant provisions of the country of origin;
- Production year code according to Table 2.

Table 1 Cable specification codes

Nominal section

Mm²

Specification code

EN AWG

0.15 001 26

0.25 002 24

0.4 004 22

0.6 006 20

1.2 012 16

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