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

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Vocabulary for aircraft electrical cables and cable harnesses

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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 identical with ISO 8815..1994 "Aircraft cables and cables Harness terms."

This standard made the following editorial changes.

--- Because there is no "faussebranche" entry in the original standard text, it is removed from the corresponding French word index.

This standard is proposed by China Aviation Industry Corporation.

This standard by the National Aircraft Standardization Technical Committee (SAC/TC435) centralized.

This standard was drafted. Shaanxi Aviation Electric Co., Ltd., Anhui to a Technology Consulting Co., Ltd., China Aviation Technology Research Institute

Institute, Guangzhou Kai Heng Special Wire and Cable Co., Ltd., Bao Sheng Technology Innovation Co., Ltd..

1 Scope

This standard specifies the terms related to aircraft cables and cable harnesses.

This standard applies to aircraft cables and cable harnesses.

NOTE 1 Terminology used in the aviation industry is slightly different from the widely used term IEC 461.

Note 2. Terms are given in German in addition to the three official languages (English, French, Russian) of the International Organization for Standardization (ISO). These operations

The language is included in the ISO Technical Committee ISO /TC20 application and is

published under the responsibility of the German member institutions (DINs). However, only by official

Language terms given as ISO terms.

2 Terms and definitions

The following terms shall apply when specifying the structure, test or use of aircraft wiring and cable harnesses.

Serial number

No.

N °

the term

Term

Terme

Termin

definition

Definition

Définition

Opredelenie

Terminology is not recommended

Non-preferred terms

Termes non privilégiés

Nepredpochtitelnye

terminy

1 body cable

airframe cable

câble de structure

bortovoy provod

Luftfahrzeugleitung

Suitable for open aircraft cabling and engine compartment without additional protection

Cable.

Cablesuitableforopenaircraftwiringandengine

compartmentswithoutadditionalprotection.

Câbleconvenantaucâblagedaéronefsetdecomparti-
mentsmoteurssansprotectionsupplémentaire.

Провод, предназначенный для монтажа на борту

летательного аппарата и в отсеках двигателей

требуемых для полноты защиты.

Leitung für die Verdrahtung in Luftfahrzeugen und

Triebwerksbereichen ohne zusätzlichen Schutz.

Body wire

airframewire

2 stranding conductor

bunch-stranded conductor

Strands with a defined pitch and twist are twisted in a certain way

Composed of conductors, each along a continuous cross-section along the length of the conductor

The individual strands do not have to form a symmetrical geometry and do not have to be in phase with each other

Off the same location.

Conductor composed of strands twisted together

with a given length and direction of lay in such man-

ner that the respective strands at successive cross-

sections along the length of the conductor do not

Probably form a symmetrical geometric pattern,

nor even rarely occupy the same positions relative to

each other.