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INDUSTRY STANDARD OF THE

PEOPLE'S REPUBLIC OF CHINA

HB 8571-2020

Active infrared thermal imaging detection method for aviation composite materials

航空复合材料主动式红外热成像检测方法

(English Translation)

Issued by: Ministry of Industry and Information Technology of the People's Republic of China

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https://chinastandards.org/standards/hb-8571-2020

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1 Foreword

HB 8571-2020 is issued by Ministry of Industry and Information Technology of the People's Republic of China.

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 excitation methods, equipment requirements, influencing factors, testing procedures, testing records and reports for active infrared thermal imaging testing of composite materials used in the aviation field. This standard is applicable to the testing of composite products using different excitation loading methods, including the testing of outfield and in-service products. It is also applicable to the internal delamination, inclusion, debonding, water accumulation, oil accumulation, and impact damage of composite materials used in the aviation field. Wait for defects or damage to be detected.

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HB 8571-2020 carries no ICS number and no Chinese Standard Classification code.

This catalogue holds 171 other HB standards.

Of the 65 HB standards that do carry an ICS number, 65 (100%) fall under ICS 49, in the field of aircraft and space vehicle engineering.

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:

JB 2293-1978 - Wind tunnel test method of radiator of automobile and tractor

5 Classification and status

Prefix HB: mandatory standard.

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