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INDUSTRY STANDARD OF THE

PEOPLE'S REPUBLIC OF CHINA

HB 8575-2020

Civil Aircraft Airborne Embedded Operating System and Application Software Interface Test Requirements

民用飞机运行可靠性数据采集及管理要求

(English Translation)

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

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1 Foreword

HB 8575-2020 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 interface test requirements for the embedded operating system and application software of civil aircraft. Mainly aiming at the interface requirements of avionics system application software, formulating test requirements in terms of function and robustness, which are used to guide future civil aircraft avionics system operating system selection to meet the minimum function, interface and other test requirements, mainly including Interface function test requirements and interface robustness test requirements, etc. This standard applies to avionics system application software interface functional

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testing and interface robustness testing.

HB 8575-2020 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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