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Electrically heated aircraft transparencies

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part 1: Structure and drafting rules for standardization documents" Drafting.

Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents.

This document was proposed by China Building Materials Federation.

This document is under the jurisdiction of the National Technical Committee for Standardization of Industrial Glass and Special Glass (SAC/TC447).

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Aviation electric heating glass

1 Scope

This document specifies the classification, requirements, inspection rules, packaging,

marking, transportation and storage of aviation electric heating glass, and describes the corresponding Test method.

This document is applicable to the production, inspection, delivery and acceptance of civil aviation electric heating glass, and can be used as a reference for other aviation electric heating glass.

2 Normative references

GB/T 37826-2019

GB/T 37831-2019

GB/T 45664-2025

3 Terms and definitions

The terms and definitions defined in GB/T 37826-2019, GB/T 37831-2019 and GB/T 45664-2025 and the following terms and definitions apply in this document.

3.1 vision area

The transparent part is an area where the outside world can be observed (see Figure 1).

3.2 critical vision area

The windshield and canopy are the main areas used by pilots to observe the outside world during takeoff, cruising, and landing (see Figure 1).