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

GB/T 25355-2010

Aircraft -- Ground-based de-icing/anti-icing methods with fluids

航空器 地面除冰防冰液体法

(English Translation)

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Foreword

This standard is identical with ISO 11076:2006 "Aircraft ground deicing liquid anti-icing Law" (in English).

For ease of use, this standard made the following editorial changes.

--- The "this International Standard" be replaced by "this standard";

--- With a decimal point instead of a comma as the decimal point, "";

--- Deleted international standards Preface Introduction.

This standard is proposed and managed by the Civil Aviation Administration of China.

This standard was drafted. Civil Aviation Administration of China Second Institute.

1 Scope

This standard specifies the method of anti-icing of aircraft ground deicing minimum requirements, it ICAO (ICAO) Aircraft Ground Anti-icing deicing Operation Manual (Doc.9640-AN/940) and related regulations consistent to ensure that transport operations in icing conditions safety of the aircraft.

This standard does not detail the specific model provisions.

The content of this standard, give priority to the manual, program, or method of aircraft manufacturers published.

Manuals, procedures or methods airlines published the contents of this standard complement.

Application of this standard procedures can effectively remove the serious impact of aircraft aerodynamic characteristics and handling characteristics of frost, ice or snow.

This standard does not include the use of mechanical de-icing anti-icing.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard are encouraged to study whether the parties to the agreement in accordance with the You can use the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB/T 20856-2007 Newtonian aircraft de-icing and anti-icing fluids ISO I type (ISO 11075:1993, IDT) ISO 9001:2000 quality management system requirements ISO 11077 Air Self-propelled Deicing Vehicle Functional requirements ISO 11078 aircraft de-icing and anti-icing fluids ISO II type, ISO III type, ISO IV type ICAOdoc9640-AN/940 ground deicing of aircraft anti-icing operations manual CCAR121.649 operation in icing conditions JAR-OPS1.035 quality system JAR-OPS1.345 and ACJ1.345 ice and other contaminants, terrestrial processes CAR (Canadian Aviation Regulations) Section VI, Section 2, and flight operations system, 602.11, aircraft icing CAR (Canadian Aviation Regulations) 622.11 standard, ground icing operations FAAAC120-59 air carrier internal review outline FAAAC120-60 ground deicing anti-icing procedures SAEAIR9968 thickening type of aircraft de-icing anti-icing fluid viscosity test

3 Terms and Definitions

The following terms and definitions apply to this standard.

Active cream activefrost Cream state being formed.

NOTE: When the aircraft surface temperature is equal to or lower than 0 °C (32 °F) and equal to or below the dew point when active frost.

Anti-icing A precaution, available for a limited time (holding time) to provide protection as deicing surfaces of aircraft, to prevent the formation of frost or ice and the accumulation of snow or slush is.