AIRFRAME DE-ICE LOG

DE-ICE RECORD REFERENCE — FAA 14 CFR § 121.629

HOW TO USE THIS LOG

Each de-ice or anti-ice application shall be recorded on a new line of the De-Ice Log Sheet. The Holdover Time (HOT) clock begins at the start of the final fluid application, not at the start of the first application. Contamination checks shall be performed on wing leading edges and upper surfaces within 5 minutes prior to takeoff. Any contamination detected after treatment requires an immediate takeoff abort and re-treatment prior to dispatch.

DE-ICE / ANTI-ICE FLUID TYPES

Type I	Heated fluid, min 60°C at nozzle. Low viscosity — sprayed off during takeoff roll. Shortest HOT of the four fluid types.
Type II	Unheated, viscous fluid with a thickening agent. Longer HOT than Type I. Requires sufficient rotation speed to shear off; not approved for all aircraft.
Type III	Unheated fluid with viscosity between Types I and IV. Intended for aircraft with lower rotation speeds, such as regional and turboprop types.
Type IV	Unheated, most viscous fluid. Longest HOT of the four types. Applied unheated; not sheared or mixed with other fluid types.

Revision 1 - Effective 09/25/2026 - 1200Z

DRN: RMA-REV1-DEICE | DCN: RMA-REV1-DEICE-LB-FP

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