



U.S. Department of Transportation
Federal Aviation Administration

Memorandum

Subject: **INFORMATION:** Icing Policy for Small Airplanes

Date: FEB 06 1998

From: Acting Manager, Regulations & Policy, ACE-111

Reply to Attn. of: Leslie B. Taylor
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To: Manager, Project Support, ACE-112

This is in response to your request for the icing policy for small airplanes. The Civil Air Regulations (CAR) 3 airplanes and 14 CFR Part 23 airplanes with a certification basis preceding Amendment 23-14, are permitted to fly in known icing conditions if their Type Certificates do not include a prohibition against this operation. Some of these airplanes may be placarded against flight into known icing because they lack de-ice/anti-ice equipment specified in the type design data. Installation of equipment required for icing approval per type design data is justification for removing the placard.

If the above airplanes' type design data prohibits flight into known icing, then these airplanes can be approved for flight into known icing only if compliance is shown to Part 23.1419, Amendment 23-14.

Part 23 airplanes with a certification basis of Amendment 23-14 and subsequent, are required to meet the applicable amendment in their certification basis. The applicable rules for an icing certification for Amendment 23-14 and subsequent are:

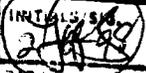
23.603	23.1093	23.1323	23.1357	23.1529
23.773	23.1095	23.1325	23.1416	23.1547
23.775	23.1097	23.1326	23.1419	23.1559
23.905	23.1099	23.1327	23.1501	23.1581
23.929	23.1101	23.1351	23.1525	23.1583.

The requirements of Part 23, Subpart B are also applicable for airplanes with a certification basis that includes Amendment 23-43, except for the takeoff requirements: 23.51, 23.53, 23.57, 23.59 and 23.61. Since airplanes are required to be ice free at takeoff there is no need to show compliance with these rules under icing conditions.

Retroactive removal of flight into known icing authorization can only be done by the Airworthiness Directive process. This holds true whether or not the airplane is pre-Amendment 23-14.


Timothy P. Smyth

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