



Urgent Safety Bulletin

To: The Professional Pilots of Trans States Airlines

From: Matt Conrad, Director of Safety

Date: February 7, 2014

Re: Automatic Anti-Ice Crew Monitoring

Recently, a Trans States Airlines EMB-145 landed with ice on the leading edges of the wings, empennage and engine inlets. The company is investigating the incident to determine why this happened, with no apparent caution or warning messages to the crew. We will convey our findings and if necessary Flight Operations will publish any procedural changes upon the conclusion of our investigation. In the meantime, all Flight Crewmembers are urged to be vigilant about monitoring deicing/anti-icing equipment when operating in icing conditions. Icing conditions may exist in flight when Total Air Temperature (TAT) is 10 degrees C (50 degrees F) or below and visible moisture in any form is presented (such as clouds, fog and visibility of one mile or less, rain, snow, sleet and ice crystals).

When the deice/anti-icing equipment is active, the two (2) Engine Air Inlet Push Buttons, the Wing Push Button, and the Stab Push Button will display cycling blue "Open" messages.

If you are operating in icing conditions as described above and do not witness the blue "Open" indications on the Push Buttons, crews are strongly encouraged to follow the alternate MEL procedure 30-80-00 for ice detectors inop. (A copy of the procedure is included below for reference purposes) Notify Maintenance and your Chief Pilot immediately if you exercise this option.

MEL 30-80-00 Ice Detectors Inop

Set the Ice Detection Override Knob to **ALL** position at the first visible or anticipated icing condition.

Note 1: Icing conditions may exist in flight when Total Air Temperature (TAT) is 10 degrees C (50 degrees F) or below and visible moisture in any form is presented (such as clouds, fog and visibility of one mile or less, rain, snow, sleet and ice crystals).