

National Transportation Safety Board

Office of Aviation Safety

Washington, DC 20594



ANC25LA017

METEOROLOGY

Environmental Conditions

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Submitted by:

Mike Richards
Senior Meteorologist

- The following observation was taken from Merrill Field at 1353 AKST, about the time of the accident. At this time, the temperature was -7.8°C and the dew point temperature was -11.1°C.

*METAR PAMR 022253Z 00000KT 10SM CLR M08/M11 A3060 RMK AO2 SLP366
T10781111=*

- A rawinsonde (weather balloon) launch was conducted at roughly 1300 AKST from the Anchorage National Weather Service Weather Forecast Office located near PANC. Temperature and dew point temperature observations from the lowest 1000' are provided below.

<u>Height (amsl feet)</u>	<u>Temp (°C)</u>	<u>DP Temp (°C)</u>
131	-7.5	-11.3
500	-9.5	-11.2
1000	-8.4	-18.7

An analysis by the RAOB program identified a “trace” amount of carburetor icing in the lowest 700 feet of this atmosphere.

- The following chart identifies the carburetor icing threat in terms of degrees Celsius. The temperatures provided above are around the edge of the “icing” category.

