



MEMORANDUM FOR RECORD

Stephen Stein
Air Safety Investigator
National Transportation Safety Board
Office of Aviation Safety – Western Pacific Region

Weather Report – Idaho Falls Regional Airport (IDA), Idaho Falls, Idaho
Date & Time: October 9, 2016 1400 MDT
NTSB Accident Number: WPR17LA003

IDA is a nearby weather observation facility located about 12 nautical miles from the accident site.

METAR / SPECI from KIDA, Idaho Falls, Fanning Field (United States).		
SA	09/10/2016 23:53- >	METAR KIDA 092353Z 22013KT 10SM CLR 21 / 01 A3003 RMK AO2 SLP154 60000 T02060011 10217 20156 56011=
SA	09/10/2016 22:53- >	METAR KIDA 092253Z 21017KT 10SM CLR 22 / 01 A3004 RMK AO2 SLP154 T02170011=
SA	09/10/2016 21:53- >	METAR KIDA 092153Z 21017G22KT 10SM CLR 22 / 01 A3005 RMK AO2 SLP158 T02170011=
SA	09/10/2016 20:53- >	METAR KIDA 092053Z 21015G22KT 10SM CLR 21 / 01 A3007 RMK AO2 RAB1955E13 SLP163 P0000 60000 T02110011 58019=
SA	09/10/2016 19:53- >	METAR KIDA 091953Z 21018G23KT 10SM CLR 21 / M01 A3010 RMK AO2 SLP175 T02061006=
SA	09/10/2016 18:53- >	METAR KIDA 091853Z 22011KT 10SM CLR 18 / 01 A3012 RMK AO2 SLP182 T01830011=
SA	09/10/2016 17:53- >	METAR KIDA 091753Z 19004KT 10SM CLR 16 / 03 A3013 RMK AO2 SLP188 T01560033 10156 20000 58007=
SA	09/10/2016 16:53- >	METAR KIDA 091653Z 34003KT 10SM CLR 12 / 03 A3015 RMK AO2 SLP199 T01220033=

New Carburettor icing-probability chart

To use this chart:

- obtain the temperature and dew point
- calculate the difference between the two. This is the 'dew point depression'
- for example, if the temperature is 12° C **1** and the dew point is 2° the dew point depression will be 10° **2**
- for icing probability, refer to the shading legend appropriate to the intersection of the lines **3**
- for relative humidity, refer to the right hand scale **4**

To work out dew point depression:

$$\text{Temp} \text{ Minus } \text{Dew Pt.} = \text{Dew Pt. Depression}$$

