



MEMORANDUM FOR RECORD

Stephen Stein
Air Safety Investigator
National Transportation Safety Board
Office of Aviation Safety - Eastern Region

Weather Report – Middleton Field Airport (GZH), Evergreen, Alabama
Date & Time: July 3, 2014, 1100 CDT
NTSB Accident Number: ERA14LA325

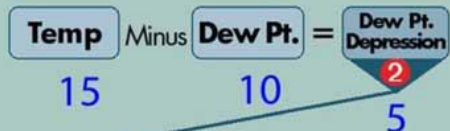
GZH is the nearest weather observation facility located at 16 nm east of the accident site.

METAR/SPECI from KGZH, Evergreen, Middleton Field (United States).	
SA 03/07/2014 22:53->	METAR KGZH 032253Z AUTO 33007KT 10SM CLR 31/18 A3002 RMK AO2 SLP163 T03060183=
SA 03/07/2014 21:53->	METAR KGZH 032153Z AUTO 33007KT 10SM CLR 32/19 A3003 RMK AO2 SLP165 T03220189=
SA 03/07/2014 20:53->	METAR KGZH 032053Z AUTO 34005KT 10SM CLR 32/19 A3005 RMK AO2 SLP171 T03220189 58008=
SA 03/07/2014 19:53->	METAR KGZH 031953Z AUTO VRB03KT 10SM CLR 32/21 A3006 RMK AO2 SLP174 T03220206=
SA 03/07/2014 18:53->	METAR KGZH 031853Z AUTO 35005KT 10SM CLR 32/21 A3006 RMK AO2 SLP176 T03170211=
SA 03/07/2014 17:53->	METAR KGZH 031753Z AUTO 01008G15KT 10SM CLR 31/21 A3007 RMK AO2 SLP179 T03110206 10311 20211 58002=
SA 03/07/2014 16:53->	METAR KGZH 031653Z AUTO 10SM CLR 31/21 A3008 RMK AO2 SLP182 T03060206=
SA 03/07/2014 15:53->	METAR KGZH 031553Z AUTO 03007KT 10SM CLR 29/22 A3008 RMK AO2 SLP181 T02890217=
SA 03/07/2014 14:53->	METAR KGZH 031453Z AUTO 35006KT 10SM CLR 27/22 A3008 RMK AO2 SLP181 T02720217 51010=
SA 03/07/2014 13:53->	METAR KGZH 031353Z AUTO 35003KT 10SM CLR 26/21 A3007 RMK AO2 SLP179 T02610211=
SA 03/07/2014 12:53->	METAR KGZH 031253Z AUTO 33003KT 10SM CLR 23/21 A3007 RMK AO2 SLP177 T02330206=
SA 03/07/2014 11:53->	METAR KGZH 031153Z AUTO 00000KT 10SM CLR 21/20 A3005 RMK AO2 SLP171 T02110200 10228 20194 53019=
SA 03/07/2014 10:53->	METAR KGZH 031053Z AUTO 00000KT 10SM CLR 19/18 A3002 RMK

AO2 SLP160 T01940183=

New Carburettor icing-probability chart

To work out dew point depression:



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

-  **Serious icing** – any power
-  **Moderate icing** – cruise power; **Serious icing** – descent power
-  **Serious icing** – descent power
-  **Light icing** – cruise or descent power

