

Factual Report – Attachment 7

METEOROLOGY

ERA19FA113

Additional flight information for N26617 was retrieved for flights done back to March 2017 (attachment 8). The flight done immediately before the accident flight taken on February 17, 2019, the weather conditions at the time of departure from Hilton Head Airport (KHXD) were wind calm, one and three quarter miles visibility in mist with an overcast ceiling at 100 ft agl, temperature 14 °C, dew point temperature 13 °C, and altimeter 29.99 inHg. At the time of landing at Triangle North Executive Airport (KLHZ) weather was reported as wind calm, 4 miles visibility, light rain, overcast ceiling at 300 ft agl, temperature 3 °C, dew point temperature 3 °C, and altimeter 29.99 inHg. AIRMETs for IFR conditions, moderate turbulence below 16,000 ft, LLWS expected, and moderate icing down to 3,000 ft were valid for the route of flight.

During a flight taken on February 4, 2019, from Beaufort County Airport (KARW) to KLHZ the weather conditions at the time of departure from KARW were wind from 210° at 3 knots, 7 miles visibility, an overcast ceiling at 10,000 ft agl, temperature 13 °C, dew point temperature 8 °C, and altimeter 30.06 inHg. At the time of landing at KLHZ weather was reported as wind not reported, 10 miles visibility or greater, clear skies below at 12,000 ft agl, temperature 5 °C, dew point temperature 3 °C, and altimeter 30.03 inHg.

During a flight taken on February 4, 2019, from Witham Field Airport (KSUA) to KARW the weather conditions at the time of departure from KSUA were wind calm, 7 miles visibility, clear skies, temperature 18 °C, dew point temperature 15 °C, and altimeter 30.07 inHg. At the time of landing at KARW weather was reported as wind from 210° at 3 knots, 7 miles visibility, an overcast ceiling at 10,000 ft agl, temperature 13 °C, dew point temperature 8 °C, and altimeter 30.06 inHg.

During a flight taken on February 1, 2019, from KLHZ to KHXD the weather conditions at the time of departure from KLHZ were reported as wind not reported, 10 miles or greater visibility, clear skies below 12,000 ft agl, temperature 12 °C, dew point temperature -2 °C, and altimeter 30.32 inHg. At the time of landing at KHXD weather was reported as wind from 040° at 5 knots, 10 miles or greater visibility, few cloud layer 5,000 ft agl, temperature 14 °C, dew point temperature 9 °C, and altimeter 30.30 inHg.

During a flight taken on January 27, 2019, from Dare County Regional Airport (KMQI) to KLHZ the weather conditions at the time of departure from KMQI were reported as wind calm, 10 miles or greater visibility, clear skies below 12,000 ft agl, temperature 7 °C, dew point temperature 3 °C, and altimeter 30.19 inHg. At the time of landing at KLHZ weather was reported as wind not reported, 10 miles or greater visibility, clear skies below 12,000 ft agl, temperature 10 °C, dew point temperature -4 °C, and altimeter 30.15 inHg.

During a flight taken on January 26, 2019, from KLHZ to KMQI the weather conditions at the time of departure from KLHZ were reported as wind not reported, 10 miles or greater visibility, clear skies below 12,000 ft agl, temperature 10 °C, dew point temperature -6 °C, and altimeter 30.18 inHg. At the time of landing at KMQI weather was reported as wind from 170° at 8 knots, 10 miles or greater visibility, clear skies below 12,000 ft agl, temperature 9 °C, dew point temperature -2 °C, and altimeter 30.18 inHg.

During a flight taken on January 20, 2019, from KHXD to KLHZ the weather conditions at the time of departure from KHXD were reported as wind from 300° at 10 knots with gusts to 17 knots, 10 miles or greater visibility, clear skies below 12,000 ft agl, temperature 10 °C, dew point temperature 0 °C, and altimeter 29.92 inHg. At the time of landing at KLHZ weather was reported as wind not reported, 10 miles or greater visibility, clear skies below 12,000 ft agl, temperature 0 °C, dew point temperature -12 °C, and altimeter 29.92 inHg.

During a flight taken on January 13, 2019, from Albert J Ellis Airport (KOAJ) to KLHZ the weather conditions at the time of departure from KOAJ were reported as wind from 310° at 6 knots, 2 miles visibility, mist, overcast ceiling at 500 ft agl, temperature 7 °C, dew point temperature 6 °C, and altimeter 30.04 inHg. At the time of landing at KLHZ weather was reported as wind not reported, 2 miles visibility, mist, overcast ceiling at 600 ft agl, temperature 1 °C, dew point temperature 1 °C, and altimeter 30.13 inHg. AIRMETs for IFR conditions, moderate turbulence below 15,000 ft, LLWS expected, and moderate icing below 18,000 ft were valid for the route of flight.