



Transcript

Final report: In-flight loss of propeller involving Saab 340B, VH-NRX, 19 km (10 NM) SW of Sydney Airport, NSW, on 17 March 2017

Spokesperson: Mr Greg Hood, Chief Commissioner, Australian Transport Safety Bureau

Date: 10 October 2018

Grab 1_VH-NRX_Sydney_NSW_Greg Hood_ATSB

“The ATSB’s investigation found the right-hand propeller separated from the aircraft due to a fracture of the propeller shaft. This was the result of a fatigue crack that originated in a shaft flange dowel hole.”

“Unfortunately, we were unable to determine – conclusively – what caused this fatigue crack.”

Grab 2_VH-NRX_Sydney_NSW_Greg Hood_ATSB

“This was an extremely rare event. The captain and the first officer demonstrated a high level of professionalism in their airmanship, communication, coordination and application of the safety checklist procedures in their response.”

“The Rex crew should be commended for their response to this emergency.”

Grab 3_VH-NRX_Sydney_NSW_Greg Hood_ATSB

“The airline and the engine’s manufacturer have undertaken a number of safety actions, such as the release of service bulletins and airworthiness directives, and changes to their maintenance regime, and this will reduce the risk of this extremely rare event from ever happening again.”

Grab 4_VH-NRX_Sydney_NSW_Greg Hood_ATSB “Flying remains as one of the safest forms of travel for the public here in Australia, and we have one of the best aviation safety records in the world.”

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