



# National Transportation Safety Board

Washington, DC 20594

## Safety Recommendation

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**Date:** March 7, 2017

**In reply refer to:** A-17-7

The Honorable Marc Garneau  
Minister of Transport  
Transport Canada  
Ottawa, Ontario  
Canada  
K1A 0A6

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On February 28, 2017, we adopted our safety recommendation report concerning preventing catastrophic failure of Pratt & Whitney Canada JT15D-5 engines following a birdstrike or ingestion of a foreign object. Additional information may be found in the safety recommendation report, which can be accessed at our [website \(www.nts.gov\)](http://www.nts.gov) under report number ASR-17-3.

As a result, we issued the following new safety recommendation to Transport Canada:

A-17-7

Require that all JT15D-5 engines installed on Raytheon/Hawker Beechjet 400A airplanes be modified to dampen the rub-induced excitation that can occur between the engine fan and fan case during birdstrike or foreign object ingestion events.

Chairman HART, Vice Chairman DINH-ZARR, and Members SUMWALT and WEENER concurred in this recommendation.

The NTSB is vitally interested in this recommendation because it is designed to prevent accidents and save lives. We would appreciate receiving a response from you within 90 days detailing the actions you have taken or intend to take to implement it. When replying, please refer to the safety recommendation by number. We encourage you to submit your response electronically to [correspondence@nts.gov](mailto:correspondence@nts.gov). If it exceeds 10 megabytes, including attachments, please e-mail us at the same address for instructions. Please do not submit both an electronic copy and a hard copy of the same response.

[Original Signed]

By: Christopher A. Hart,  
Chairman