

October 27, 2022

Mr. Bill Nolen
Acting Administrator
Federal Aviation Administration

The attached letter from the NTSB Chair provides information about the NTSB's October 26, 2022, report *Require Immediate One-Time Inspection of De Havilland Canada DHC-3 Horizontal Stabilizer Actuator* (NTSB/AIR-22-08). The details of this accident investigation and the resulting safety recommendations may be found in the attached report, which can also be accessed at <http://www.nts.gov>.

The NTSB is vitally interested in these recommendations because they are designed to prevent accidents and save lives. We would appreciate a response within 90 days of the date of this letter, detailing the actions you have taken or intend to take to implement these recommendations. When replying, please refer to the safety recommendations by number (for example, A-22-23). We encourage you to submit your response to ExecutiveSecretariat@nts.gov. If your reply exceeds 20 megabytes, including attachments, please e-mail us at the same address for instructions on how to send larger documents. Please do not submit both an electronic copy and a hard copy of the same response.



Executive Secretariat-CRB
Office of the Managing Director
National Transportation Safety Board
490 L'Enfant Plaza SW
Washington, DC 20594
Email: ExecutiveSecretariat@nts.gov

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National Transportation Safety Board

Office of the Chair

Washington, DC 20594



October 27, 2022

Mr. Billy Nolen
Acting Administrator
Federal Aviation Administration
Washington, DC 20591

Dear Acting Administrator Nolen:

This letter provides information about the National Transportation Safety Board's (NTSB) October 26, 2022, report *Require Immediate One-Time Inspection of De Havilland Canada DHC-3 Horizontal Stabilizer Actuator* (NTSB/AIR-22-08). The details of this ongoing accident investigation and the resulting urgent safety recommendations may be found in the attached report, which can also be accessed at <http://www.nts.gov>.

As a result of the NTSB's preliminary findings in this investigation, we identified the following safety issue:

- Need to ensure that the lock ring in the horizontal stabilizer actuator is in place and properly installed to preclude a reduction or loss of pitch control.

Accordingly, the NTSB makes the following urgent safety recommendation to the Federal Aviation Administration (FAA):

- Require all operators of De Havilland Canada DHC-3 airplanes to conduct an immediate one-time inspection of the horizontal stabilizer actuator lock ring in accordance with the instructions in Viking Air Limited Service Letter DHC3-SL-27-001 and report their findings to the Federal Aviation Administration. (A-22-23) (Urgent)

The NTSB is vitally interested in this urgent recommendation because it is designed to prevent accidents and save lives. We would appreciate a response within 30 days of the date of this letter, detailing the actions you have taken or intend to take to implement this urgent recommendation. When replying, please refer to the safety recommendation by number (Safety Recommendation A-22-23). We encourage you to submit your response to ExecutiveSecretariat@nts.gov. If your reply, including attachments, exceeds 20 megabytes, please e-mail us at the same address for

instructions on how to send larger documents. Please do not submit both an electronic copy and a hard copy of the same response.

Sincerely,

[Original Signed]

Jennifer L. Homendy
Chair

Attachment

October 27, 2022

The Honorable Omar Alghabra MP
Minister of Transport
Transport Canada

The National Transportation Safety Board (NTSB) is an independent federal agency charged by Congress with investigating every civil aviation accident in the United States and significant accidents in other modes of transportation—railroad, highway, marine, and pipeline. We determine the probable cause of the accidents and issue safety recommendations aimed at preventing future accidents. In addition, we carry out special studies concerning transportation safety and coordinate the resources of the federal government and other organizations to provide assistance to victims and their family members affected by major transportation disasters.

The attached letter from the NTSB Chair provides information about the October 26, 2022, report *Require Immediate One-Time Inspection of De Havilland Canada DHC-3 Horizontal Stabilizer Actuator* (NTSB/AIR-22-08). The details of this accident investigation and the resulting safety recommendation may be found in the attached report, which can also be accessed at <http://www.nts.gov>. For more information about NTSB and our recommendation process, please see the attached one-page summary.

The NTSB is vitally interested in these recommendations because they are designed to prevent accidents and save lives. We would appreciate a response within 90 days of the date of this letter, detailing the actions you have taken or intend to take to implement these recommendations. When replying, please refer to the safety recommendation by number (for example, A-22-24). We encourage you to submit your response to ExecutiveSecretariat@nts.gov. If your reply exceeds 20 megabytes, including attachments, please e-mail us at the same address for instructions on how to send larger documents. Please do not submit both an electronic copy and a hard copy of the same response.

All communications regarding safety recommendations will be stored by the NTSB and viewable by the public. Please do not send privileged or confidential communications in response to this recommendation. Responses marked as confidential or privileged (or similar designations) will be considered nonresponsive. If you have concerns about this protocol, please contact us at ExecutiveSecretariat@ntsb.gov.



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National Transportation Safety Board

Office of the Chair

Washington, DC 20594



October 27, 2022

The Honorable Omar Alghabra MP
Minister of Transport
Transport Canada
330 Sparks Street
Ottawa, Ontario
K1A 0N5

Dear Minister Alghabra:

The National Transportation Safety Board (NTSB) is an independent federal agency charged by Congress with investigating every civil aviation accident in the United States and significant accidents in other modes of transportation—railroad, highway, marine, and pipeline. We determine the probable cause of the accidents and issue safety recommendations aimed at preventing future accidents. In addition, we carry out special studies concerning transportation safety and coordinate the resources of the federal government and other organizations to assist victims and their family members affected by major transportation disasters.

We are providing the following information to urge Transport Canada to act on the urgent safety recommendation in this letter because we believe your organization can help reduce the risk of future accidents. This letter includes information about our October 26, 2022, report *Require Immediate One-Time Inspection of De Havilland Canada DHC-3 Horizontal Stabilizer Actuator* (NTSB/AIR-22-08). The details of this ongoing accident investigation and the resulting urgent safety recommendations may be found in the attached report, which can also be accessed at <http://www.nts.gov>.

As a result of the NTSB's preliminary findings in this investigation, we identified the following safety issue:

- Need to ensure that the lock ring in the horizontal stabilizer actuator is in place and properly installed to preclude a reduction or loss of pitch control.

Accordingly, the NTSB makes the following urgent safety recommendation to Transport Canada:

- Require all operators of De Havilland Canada DHC-3 airplanes to conduct an immediate one-time inspection of the horizontal stabilizer actuator lock ring in accordance with the instructions in Viking Air Limited Service Letter DHC3-SL-27-001 and report their findings to Transport Canada. (A-22-24) (Urgent)

The NTSB is vitally interested in this urgent recommendation because it was designed to prevent accidents and save lives. We would appreciate a response within 30 days of the date of this letter, detailing the actions you have taken or intend to take to implement these recommendations. When replying, please refer to the safety recommendation by number (Safety Recommendation A-22-24). We encourage you to submit your response to ExecutiveSecretariat@ntsb.gov. If your reply, including attachments, exceeds 20 megabytes, please e-mail us at the same address for instructions on how to send larger documents. Please do not submit both an electronic copy and a hard copy of the same response.

All communications regarding safety recommendations are stored by the NTSB and viewable by the public. Please do not send privileged or confidential communications in response to this/these recommendation(s). Responses marked as confidential or privileged (or similar designations) will be considered nonresponsive. In the likely event that your company uses auto-generated and/or preformatted confidentiality statements on letterhead or outgoing e-mails, please include a statement in your letter indicating that the information can be publicly released. If you have concerns about this protocol, please contact us at ExecutiveSecretariat@ntsb.gov.

Sincerely,

[Original Signed]

Jennifer L. Homendy
Chair