

Continued Airworthiness Notification

Subject: Aeroplanes with Cable-driven Flight Controls – Frayed Flap Extend Cables

Date: 09 February 2022

For the attention of: Aircraft Operators

Applicability: All aeroplanes with cable-driven flight controls

Purpose:

The FAA has issued a Special Airworthiness Information Bulletin (SAIB) to address the issue of failed flap extend cables on aeroplanes with cable-driven flight controls. CAAT is aware that inadequate inspection of the flight control cables may result in undetected wear and/or corrosion that could lead to cable failure. Therefore, this Continued Airworthiness Notification (CAN) is published to ensure that all owners and operators of aeroplanes with cable-driven flight controls are aware of these recommendations.

Recommendations:

1. Follow the existing maintenance manual instructions and inspection intervals. For the Textron Aviation airplanes, this typically is a visual inspection of each flight control cable every 200 hours or 12 months, and an expanded inspection of each flight control cable every 600 hours. These intervals may vary slightly depending on model and use of the airplane, so please reference the appropriate airplane maintenance manual.
2. For both the visual and expanded inspections, operate the flight controls through their full travel so that all portions of the cable are exposed for inspection. This may require one person to cycle the controls and a second person to inspect the cables. If this is not possible, maintenance personnel may find it necessary to remove the cable to get access to the entire length of the cable.
3. For maintenance personnel, review AC 43.13-1B, Chapter 7, paragraph 7-149., “Cable System Inspection.”

Reference:

Federal Aviation Administration (FAA) Special Airworthiness Information Bulletin (SAIB) CE-13-27R1 dated 05 January 2022.

Should you have any questions, please contact
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