



Ministry of works and Transport
**DIRECTORATE OF AIRCRAFT ACCIDENT AND INCIDENT
INVESTIGATION**

The Directorate of Aircraft Accident and Incident Investigations is conducting an Investigation into the following matter

Occurrence: INCID/10/252023 01-13

Date/Time: 25th October 2023

Aircraft: F406 (V5-WAI)

SAFETY ADVISORY NOTICE

Number : SAN -A-2023-001

ELEVATOR CONTROL CABLE FAILURE

BACKGROUND

On the 24th of November 2023, a Cessna F406, registration **V5-WAI** took off from FYWE for a Charter flight to B2-GOLD via FYWH. On board were the two crew members and one passenger. The flight was uneventful until position XUDOG, there was a sudden aircraft pitch-up and the control column moved fully forward into the instrument panel. The pilot declared a mayday and went on to execute an emergency landing. No one was injured however the aircraft sustained damage on the wing leading edges after collision with the anthill and fence.

PURPOSE

In accordance with the Aviation Act, Act 6 of 2016. Section 75 and ICAO Annex 13, the sole objective of the investigation shall be the prevention of accidents and incidents.

Safety Advisory Notices provide a marker to the industry and the regulator that DAAII has identified a safety deficiency for which it does not yet have sufficient information. As more data and analysis become available, and if the safety deficiency is found to be systemic and not redressed, the safety concern may lead to a recommendation.

While the specific circumstances of this accident are still under investigation, DAAII has issued the following safety advisory notice to advise F406 operators and maintainers of the potential safety concern.

SAFETY ISSUE

During the on-site investigation, the elevator control cable was found failed near the pulley underneath the left rudder pedals. Why it failed is still under investigation.

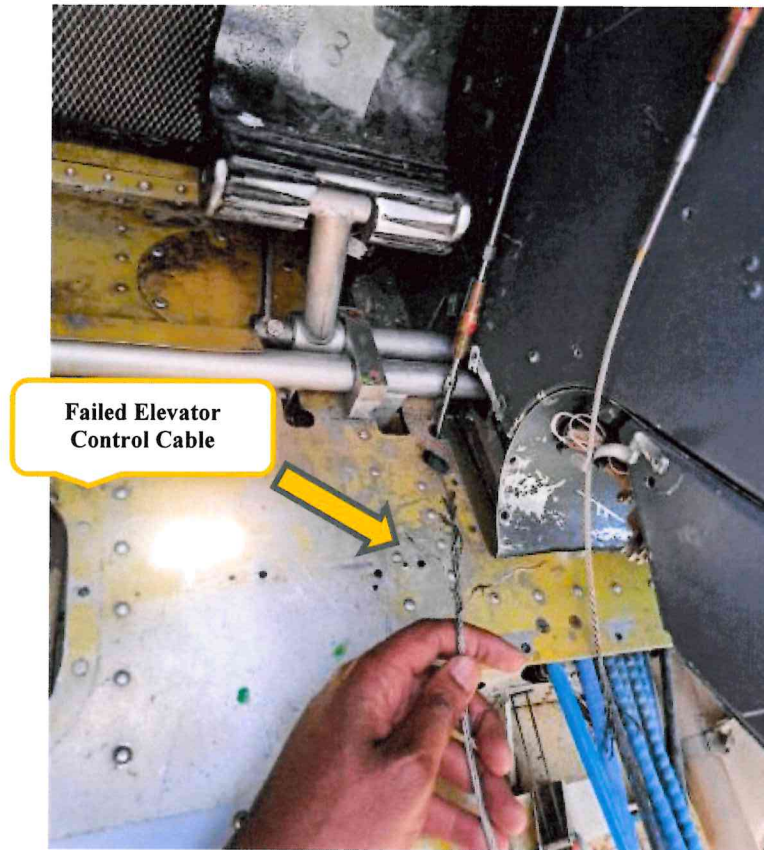


Figure 1 Failed Elevator control cable underneath the left rudder pedals

Safety Advisory Notice

SAN -A-2023-001: Elevator Control Cable Failure

DAII advises operators of F406 to note the preliminary details of this occurrence, and that all Cessna F406 and applicable series, undergo a visual and borescope inspection to ensure the integrity of primary control cables and their routing.