



## Cessna 172 Elevator Corrosion

AWB 53-006 Issue : 1  
Date : 10 August 2007

### 1. Applicability

This AWB is applicable to all Cessna 172 to 172N and Cessna 188 aircraft.

### 2. Purpose

The purpose of this AWB is to bring to the attention of Registered Operators and Maintainers of Cessna 172 to 172N and Cessna 188 aircraft that severe corrosion has been reported in the Elevator Torque Tube Adaptor.

### 3. Background

Corrosion has recently been detected in the elevator torque tube adaptor on several Cessna 172N model aircraft. This corrosion is hard to see during normal inspection. It is likely that this corrosion will be present in other Cessna 172 series aircraft up to and including the 172N, and Cessna 188 series aircraft. These aircraft are getting old and additional corrosion inspections may be required.



Corrosion in a elevator torque tube adapter on a CESSNA 172N

### 4. Recommendation

CASA recommends that:

- All Registered Operators of Cessna 172 to 172N and Cessna 188 aircraft;
  - Have the Elevator Torque Tube Adaptors inspected as soon as possible. This will require the use of a bright light and a mirror, and possibly removal of the elevator assemblies.
  - If any corrosion is detected the elevator should be removed and the corrosion be removed in accordance with an approved repair scheme.



# AIRWORTHINESS BULLETIN

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- The area of the elevator torque tube adaptors should be inspected at every periodic inspection.
- Amend the maintenance schedule to include any Cessna Continuing Airworthiness Program (CAP), Corrosion Prevention and Control Program (CPCP), and Supplemental Inspection Document (SID) when they become available.

Report all corrosion discovered to CASA through the SDR system

## 5. Enquiries

Enquiries with regard to the content of this Airworthiness Bulletin should be made via the direct link e-mail address:

[AirworthinessBulletin@casa.gov.au](mailto:AirworthinessBulletin@casa.gov.au)

Or in writing, to:

Airworthiness Engineering Branch,  
GPO Box 2005, Canberra, ACT, 2601