



Possible Corrosion of the Vertical
Stabiliser on Pilatus PC-12 Aircraft

AWB 02-027 **Issue :** 1
Date : 23 November 2007

1. Applicability

This AWB is applicable to Pilatus PC-12 series aircraft.

2. Purpose

The purpose of this AWB is to bring to the attention of persons maintaining Pilatus PC-12 aircraft that particular attention is required when fitting the VOR antenna adaptor plates, for damage to, and fitment of, the fillet seal.

3. Background

A recent report indicated that exfoliation corrosion has been found on the vertical stabiliser of a Pilatus PC-12 aircraft, possibly caused by water leaking past the VOR antenna adaptor plate seal.

4. Recommendation

- It is recommended that all Registered Operators of Pilatus PC-12 aircraft:
 - Remove the VOR antenna in accordance with the antenna manufacturer's instructions and the adaptor plates on both sides and inspect the area of the vertical fin for signs of corrosion.
 - Treat all corrosion found in accordance with an approved repair scheme.
 - Inspect the VOR antenna adaptor plate seals for damage and correct sealing.
 - Replace all seals showing signs of damage or wear.
 - Replace the seals in accordance with approved procedures.
 - Report all corrosion or damaged seals 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

Or in writing, to:

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