



Piper PA-34 Aileron Hinge Fitting Assembly

AWB 57-013 **Issue :** 1
Date : 21 May 2013

1. Effectivity

All Piper Seneca Aircraft, PA-34-200, 200T and -220T.

2. Purpose

Alert owners, operators and engineers of the possibility of undetected corrosion in Seneca aileron hinge fittings

3. Background

This AWB is prompted by a Service Difficulty Report which identified a Piper Seneca aileron hinge P/N 3721000 that was severely corroded.

4. Recommendations

An initial inspection should be completed within a timely manner and thereafter every 100 hours as per the Piper maintenance schedule to ensure the integrity of the aircraft flight control system is maintained.



Figure 1 Corroded Aileron Hinge

It is highly recommended that a detailed visual inspection be conducted on all the aileron hinge fitting assemblies for corrosion, with special attention to the section of the fitting enclosed by the aileron. Evidence of corrosion on the enclosed section of the fitting will necessitate removal of the fitting from the aileron to allow closer inspection.



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Pictures courtesy of ATSB

5. Reporting

All defects found should be reported on the CASA Service Difficulty Reporting system; further similar events could possibly trigger the issue of a unique Australian airworthiness directive.

6. 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 & Engineering Branch
Civil Aviation Safety Authority
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