



Piper PA32 Series aircraft - Cracks in
Aileron Hinge Arm Attachment Ribs

AWB 55-006 **Issue :** 1
Date : 28 February 2008

1. Applicability

This AWB is applicable to all Piper PA 32 series aircraft.

2. Purpose

The purpose of this AWB is to bring to attention of all Registered Operators and Maintainers of Piper PA 32-301 series aircraft (includes fixed gear, turbo charged and retractable variants) that there is a possibility of cracks in the Aileron Hinge Arm Attachment Ribs on aircraft not covered by Piper Service Bulletin 1011.

3. Background

Several reports have been submitted indicating that Aileron Hinge Arm Attachment Ribs fitted to Piper PA 32-301 series aircraft (includes fixed gear, turbo charged and retractable variants) have cracked in the position outlined in Piper SB 1011.

4. Recommendation

It is recommended that all Registered Operators of Piper PA 32 series aircraft;

- Have the aileron hinge arm attachment ribs (both inboard and outboard) inspected in accordance with Piper SB 1011 regardless of the aircraft serial number and aileron rib modification status.
- Consider modifying the leading edge of the aileron adjacent to the affected ribs through a CAR 35 approved engineering order to add inspection holes and covers.
- Carry out the other replacement and repair requirements of Piper SB 1011 regardless of the aircraft serial number.
- Consider a CAR35 approved external support angle stiffener modification.
- Report all damaged or cracked aileron hinge arm attachment ribs to CASA through the normal SDR system.



AIRWORTHINESS BULLETIN

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5. Enquiries

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

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Or in writing, to:

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