



AIRWORTHINESS BULLETIN

Fairchild (Swearingen) SA226/SA227
Wing Skin Cracking – Station 81

AWB 57-010 **Issue :** 1
Date : 2 December 2010

1. Applicability

All Fairchild (Swearingen) SA226/227 aircraft.

2. Purpose

To notify operators of potential cracking in the upper leading edge skin and doubler at Wing station 81.

3. Background

There have been reports to CASA of cracking in the wing leading edge skin P/N 27-31000-797 and doubler P/N 27-35084-018 at wing station 81. The cracks range in length from less than 0.5 inches to, in some cases, more than 0.5 inches in length. See picture below for a typical crack and location.

The manufacturer and the FAA have been notified and we expect them to advise on a suitable course of action if appropriate.



Photo showing approx 4 inch crack at Station 81. View from inside leading edge. Note crack has been arrested by a fastener hole. Cracks in the skin may be visible externally.

4. Recommendation

It is highly recommended that operators visually inspect for this cracking and if any cracking is found, rectify/repair by either contacting the Type Certificate holder, manufacturer or a CAR 35 authorised person.



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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:

AirworthinessBulletin@casa.gov.au

or in writing, to:

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