



1. Effectivity

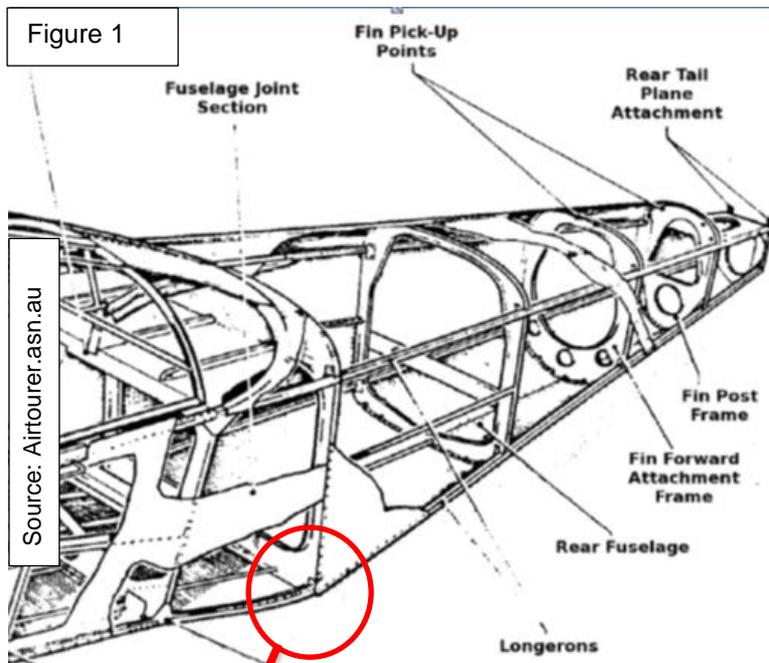
All Victa Airtourer aircraft.

2. Purpose

Alert all operators and maintainers of the possibility of structural corrosion in the main fuselage longerons.

3. Background

CASA has received a defect report describing severe corrosion in the lower fuselage longerons, in the area of the steel splice, which are major structural elements. The area of concern is circled in Figure 1.



Corrosion in these longerons severely reduces the structural integrity of the aircraft, which is certificated for a wide range of aerobatic manoeuvres.

Figure 2 identifies the specific area of concern.

Figure 3 illustrates the corrosion damage found.

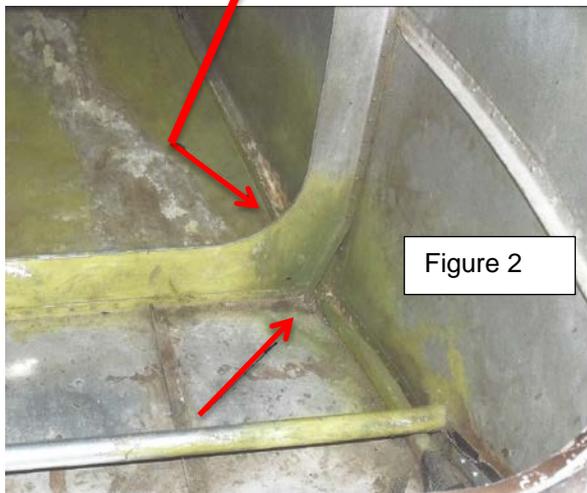


Figure 2



Figure 3



AIRWORTHINESS BULLETIN

Victa Airtourer - Longeron Corrosion

AWB 53-008 **Issue :** 1
Date : 12 November 2015

4. Recommendations

Gain access to the interior of aft fuselage cone via the rear diaphragm. Carefully remove any debris around the identified area. Carry out a detailed inspection of the main fuselage left and right longerons, particularly in the area of the steel splice. Pay particular attention to any signs of corrosion and/or missing rivets. See Figure 2 and Figure 3.

If any corrosion, missing rivets or structural deformation is evident, seek appropriate engineering advice before further flight.

5. Reporting

Report all instances of corrosion to CASA via the SDR system. This AWB will be amended upon receipt of additional information.

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 and Engineering Standards Branch
Standards Division
Civil Aviation Safety Authority
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