



EASA Safety Information Bulletin

SIB No.: 2008-60
Issued: 17 July 2008

Subject: Major Corrosion found in Wing Spar of Hawker Beechcraft 58 series aircraft.

Ref. Publication: CASA Airworthiness Bulletin (AWB) 57-008 issue 2 dated 10 July 2008.

Description: The Civil Aviation Safety Authority (CASA) of Australia has published the referenced advisory document (attached as pages 2 and 3 of this bulletin) to bring to the attention of owners, operators and maintainers of Hawker Beechcraft 58 series aircraft that major corrosion has been discovered in the wing spars, which may not be evident during an external inspection.

After reviewing the available information and recognising that CASA is not the 'State of Design' authority for this type design, EASA concurs with the advisory and fully supports the CASA recommendations contained therein. This SIB is published to ensure that all owners, operators and maintainers of the affected aircraft, registered in European Union Member States or associated countries, are aware of these recommendations.

Applicability: Hawker Beechcraft (formerly known as Raytheon Aircraft Company and Beech Aircraft Corporation) 58 series aircraft, all models and serial numbers.

Contact: For further information contact the Airworthiness Directives, Safety Management & Research Section, Certification Directorate, EASA.
E-mail: ADs@easa.europa.eu.



Main Spar Corrosion In Hawker Beechcraft B58 Series Aircraft **AWB** 57-008 **Issue :** 2
Date : 10 July 2008

1. Applicability

This AWB is applicable to all Hawker Beechcraft B58 series aircraft.

2. Purpose

The purpose of this AWB is to bring to the attention of all Registered Operators and Maintainers of Hawker Beechcraft B58 series aircraft that major corrosion has been discovered in the wing spars. This corrosion is not evident during an external inspection.

3. Background

Two reports have been received indicating that severe corrosion has been discovered in Hawker Beechcraft B58 series aircraft. This corrosion was not visible from an external inspection. In one instance this corrosion was discovered at 15,990 hrs TIS, just prior to the spar and angle change due at 16,000 hrs in accordance with AD/BEECH 55/61 Amdt 2. This corrosion was so serious that it resulted in the aircraft being removed from service.

4. Recommendation

It is recommended that Registered Operators of Hawker Beechcraft B58 series aircraft:

- Carry out an external inspection of the exposed surfaces of the upper and lower spar caps as soon as practical. (B58 Maintenance Manual Section 57-10-00 refers.)
- Also, as soon as practical, gain access to the inside of the wings and inspect as much as possible of the fore and aft faces of the upper and lower wing spars for corrosion. This is particularly important if the external inspection reveals corrosion.
- Treat all corrosion in accordance with the aircraft manufacturer's instructions immediately.
- Perform this inspection at each periodic inspection and treat all corrosion discovered regardless of severity in accordance with the aircraft manufacturer's instructions.
- Report all corrosion discovered regardless of severity to CASA through the SDR reporting system.



Main Spar Corrosion In Hawker Beechcraft **AWB** 57-008 **Issue** : 2
B58 Series Aircraft **Date** : 10 July 2008

5. Enquiries

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

AirworthinessBulletin@casa.gov.au

Or in writing, to:

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