

# Airworthiness Directive

## R2000 Series Aircraft



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Issued by the Civil Aviation Authority of New Zealand in accordance with section 72I(3A) of the Civil Aviation Act. An Airworthiness Directive (AD) contains regulatory information which is mandatory. An operator of an aircraft must not operate the aircraft unless the operator complies with every applicable AD issued by the Director in accordance with section 72I(3A) of the Civil Aviation Act. An AD is issued where the Director believes on reasonable grounds that an unsafe condition exists in an aircraft or aeronautical product.

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### **DCA/R2000/43 Wing Structure and Fuselage Attachment – Revised Airworthiness Limitations**

**Applicability:** Model R 2100, R 2100 A, R 2112, R 2120 U and R 2160 D aircraft, S/N 001 through to 378.  
Model R 2160 aircraft, S/N 001 through to 378 and S/N 160A-06001 onwards.  
Model R 2160i aircraft, S/N 001 through to 378 and S/N 160Ai-07007 onwards.

**Note:** This AD introduces a change to the airworthiness limitations for the internal wing structure and wing attachment inspections. These inspection intervals were increased and added to Section 3.2 – Airworthiness Limitations of the applicable Service Manual in January 2015. Section 3.2 of the respective Service Manuals has now been revised to revert to the original inspection intervals.

**Requirement:** To prevent failure of the wing structure and fuselage attachment due to undetected fatigue and corrosion, accomplish the following:

1. Revise the aircraft maintenance programme and introduce the revised airworthiness limitations for the wing spar specified in Section 3.2 – Airworthiness Limitations of the following Service Manuals:  
  
For R2000 aircraft, S/N 001 through to 378, Service Manual AAA079 revision 4, dated August 2015, or later CAA approved revision.  
  
For Alpha R2000 aircraft, S/N 160A-06001 onwards, Service Manual AAA080 revision 5, dated August 2015, or later CAA approved revision.
2. Comply with the CAANZ approved airworthiness limitations for the wing spar specified in requirement 1 of this AD.

**Compliance:** 1. & 2. From the effective date of this AD.

**Effective Date:** 7 August 2015

A handwritten signature in black ink, appearing to read 'Owen Olls', is written over a light grey circular stamp.

*Owen Olls  
Airworthiness Specialist  
Delegate of the Civil Aviation Authority of New Zealand  
7 August 2015*