
AIRWORTHINESS DIRECTIVE

On the effective date specified below, and for the reasons set out in the background section, the CASA delegate whose signature appears below issues the following Airworthiness Directive (AD) under subregulation 39.001 (1) of CASR. The AD requires that the action set out in the requirement section (being action that the delegate considers necessary to correct an unsafe condition) be taken in relation to the aircraft or aeronautical product mentioned in the applicability section: (a) in the circumstances mentioned in the requirement section; and (b) in accordance with the instructions set out in the requirement section; and (c) at the time mentioned in the compliance section.

GippsAero GA8 Series Aeroplanes

AD/GA8/10 **Airworthiness Limitations Section - Service** **21/2018**
Manual Chapter 4 - Amendment

Applicability: All models of GippsAero GA8, GA8-TC 320 aeroplanes.

- Requirement:
1. For models of GA8 aeroplanes with GA8 Service Manual Amendment (Amdt) 48, replace Chapter 4 Airworthiness Limitations document C01-00-01 with an Amdt for that Chapter dated 15 May 2018, as in force at the date of this AD.
 2. For models of GA8 aeroplanes with GA8 Service Manual Amdt 54, replace Chapter 4 Airworthiness Limitations document C01-00-03 with an Amdt of that Chapter by GippsAero dated 15 May 2018, as in force at the date of this AD.
 3. For models of GA8-TC 320 aeroplanes with GA8 Service Manual Amdt 54, replace Chapter 4 Airworthiness Limitations C01-00-05 with an Amdt of that Chapter by GippsAero dated 15 May 2018, as in force at the date of this AD.
 4. For models of GA8 aeroplanes with GA8 Service Manual (Federal Aviation Administration of the United States of America (FAA Version), replace Chapter 4 Airworthiness Limitations C01-00-04 paragraph 4-10-00 and 4-20-00 with an Amdt of that Chapter by GippsAero dated 15 May 2018, as in force at the date of this AD.
 5. For models of GA8-TC 320 aeroplanes with GA8 Service Manual (FAA Version), replace Chapter 4 Airworthiness Limitations of document C01-00-06 with an Amdt of that Chapter by GippsAero dated 15 May 2018, as in force at the date of this AD.

Note: For aeroplanes incorporating SB-GA8-2011-65 or SB-GA8-2011-66, as in force from time to time, the life limitations as specified by the applicable Service Bulletin continue to be applicable if the aircraft is de-modified by other approved data.

- Compliance:
1. Unless already accomplished, make the replacement before the limit specified in Chapter 4 Airworthiness Limitations of document C01-00-01 paragraph 4-10-00 and 4-20-00 Amdt dated 15 May 2018, as in force at the date of this AD.
 2. Unless already accomplished, make the replacement before the limit specified in current Chapter 4 Airworthiness Limitations of document C01-00-03 paragraph 4-10-00 and 4-20-00 Amdt dated 15 May 2018, as in force at the date of this AD.

GippsAero GA8 Series Aeroplanes

AD/GA8/10 (continued)

3. Unless already accomplished, make the replacement before the limit specified in current Chapter 4 Airworthiness Limitations of document C01-00-05 paragraph 4-10-00 and 4-20-00 Amdt dated 15 May 2018, as in force at the date of this AD.
4. Unless already accomplished, make the replacement before the limit as specified in current Chapter 4 Airworthiness Limitations of document C01-00-04 paragraph 4-10-00 and 4-20-00 Amdt dated 15 May 2018, as in force at the date of this AD.
5. Unless already accomplished, make the replacement before the limit as specified in ALS of document C01-00-06 paragraph 4-10-00 dated 15 May 2018, as in force at the date of this AD.

This AD commences on 31 October 2018.

Background: Airworthiness Limitations are promulgated in the GippsAero Service Manual ALS Chapter 4 Airworthiness Limitations. The change to the Airworthiness Limitations by GippsAero on 15 May 2018 was the result of the manufacturer changing the design of the fuselage strut pick up ribs no. 5 and 6. The revised rib designs have a different life limitation to the earlier rib designs. These Airworthiness Limitations are approved by CASA and non-compliance with these limitations could result in an unsafe condition developing. The Service Manual Chapter 4 Airworthiness Limitations dated 15 May 2018 are mandatory in Australia however foreign National Aviation Authorities may not automatically require revision of service manuals without the issue of this AD.

A handwritten signature in black ink, appearing to read 'van Dijk', with a large, sweeping flourish extending from the bottom left.

Pieter van Dijk
Delegate of the Civil Aviation Safety Authority

17 October 2018