
AIRWORTHINESS DIRECTIVE

On the commencement date specified below, and for the reasons set out in the background section, the CASA delegate whose signature appears below repeals Airworthiness Directive (AD) AD/GA8/3 Amdt 3, and issues the following AD under subregulation 39.001 (1) of CASR and subsection 33 (3) of the *Acts Interpretation Act 1901*. 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.

Gippsland Aeronautics GA8 Series Aeroplanes

**AD/GA8/3
Amdt 4**

Forward Cargo Door Slide

10/2024

Applicability: This AD applies to all GA8 Series Aeroplanes manufactured by Gippsland Aeronautics.

Requirement: Accomplish the requirements of Gippsland Aeronautics mandatory service bulletin SB-GA8-2005-23 Issue 8, dated 11 Oct 2023, as in force at the date of commencement of this AD.

Compliance: As specified in the requirement document.

This AD commences on 14 May 2024.

Background: Inspections have revealed cases of excessive wear in the forward slide of the cargo door. Excessive wear in the door slide may result in the door becoming detached from the aircraft in flight, with potentially catastrophic results.

Amdt 1 of this AD clarified and extended the compliance interval to 110 hours to allow operators to align the inspections with their periodical maintenance schedule.

Amdt 2 of this AD was issued following an in-flight door separation, to update the service bulletin to remove any ambiguities that could have existed in the previous revision to the referenced service bulletin. It also provided an improved inspection method and a minor design change to the cargo door slide (inclusion of slide backing plate, castellated nut and split pin).

Amdt 3 of this AD was issued to incorporate the requirements of the updated SB-GA8-2005-23 Issue 7. These included revised inspections of the door mechanism, the installation of a physical stop to the forward cargo door slide and rework the door slider to suit the track stop. Depending on aircraft configuration, the inspections may result in the rework of the door mechanism pivot, the upgrade of the door operating rod or fitting a door handle with an integral stop.

Gippsland Aeronautics GA8 Series Aeroplanes

AD/GA8/3 Amdt 4 (continued)

Amdt 4 of this AD is issued to give legal effect to the service bulletin of the manufacturer's (SB-GA8-2005-23) that improves clarity of the requirements and aligns FAA AD requirements. Compliance Table 2 of SB-GA8-2005-23 has been updated and the amendments to this AD reflect these changes.

A handwritten signature in blue ink that reads "David Punshon". The signature is written in a cursive style with a period at the end.

David Punshon
Delegate of the Civil Aviation Safety Authority

26 April 2024