

Airworthiness Directive Schedule

Aeroplane

GA8 Series (Airvan)

30 November 2023

- Notes:**
1. This AD schedule is applicable to GA8 Airvan aircraft manufactured by GippsAero (a Mahindra Aerospace company) previously Gippsland Aeronautics Pty Ltd. under CASA Certificate of Type Approval Number VA503.
 2. The Australian Civil Aviation Safety Authority (CASA) is the National Airworthiness Authority (NAA) responsible for the issue of State of Design Airworthiness Directives (ADs) for these aircraft.

State of Design ADs can be obtained directly from the CASA website at:
[Airworthiness Directives | Civil Aviation Safety Authority \(casa.gov.au\)](https://www.casa.gov.au/Airworthiness-Directives)
 3. The date above indicates the amendment date of this schedule.
 4. New or amended ADs are shown with an asterisk *

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The State of Design ADs listed below are available directly from the National Airworthiness Authority (NAA) websites. Links to NAA websites are available on the CAA website at https://www.aviation.govt.nz/aircraft/airworthiness/airworthiness-directives/links-to-state-of-design-airworthiness-directives/ If additional NZ ADs need to be issued when an unsafe condition is found to exist in an aircraft or aeronautical product in NZ, they will be added to the list below.		
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DCA/GA8/1 Aircraft Flight Manual - Amendment

- Applicability:** GA8 aircraft, S/N 8-00-004 through to 8-02-021.
- Requirement:** Replace the existing GA-8 flight manual C01-01-01 pages ii, iii, and 6-7/6-8 with CASA approved pages ii and iii dated 3 Dec 02 and non-CASA approved pages 6-7/6-8 dated 3 Dec 02.
(CASA AD/GA8/1 refers)
- Compliance:** Before further flight if not already accomplished.
- Effective Date:** 24 April 2003

DCA/GA8/2 Aileron Control – Inspection

- Applicability:** GA8 aircraft, S/N GA8-00-004 through to GA8-04-056.
- Requirement:** To prevent wear of the aileron control yoke shaft from causing stiffness and possible binding of the ailerons, inspect per Gippsland Aeronautics MSB SB GA8-2004-11 issue 2. Rework or replace if required, in accordance with the MSB.
(CASA AD/GA8/2 refers)
- Compliance:** Inspect within 50 hours TIS, and thereafter at intervals not to exceed 300 hours, for those controls not modified in accordance with Part 3 of the MSB.
- Note:** Replacement of the upper and lower shafts with bronze items in accordance with Part 3 of the MSB is terminating action for the repetitive inspection requirements this AD.
- Effective Date:** 28 October 2004

DCA/GA8/3A Cancelled – CASA AD/GA8/3 Amdt 3 refers

- Effective Date:** 15 September 2023

DCA/GA8/4 Seat Track Stops - Modification

- Applicability:** GA8 aircraft, all S/N through to GA8-05-088.
- Requirement:** To eliminate the possibility of the aft movement of the control column being restricted by the seat structure when either the pilot or second occupant seat is in the most forward position, modify the seat track stops, per Gippsland Aeronautics Service Bulletin SB-GA8-2005-29 revision 2, or later approved revisions.
(CASA AD/GA8/4 refers)
- Compliance:** Within the next 100 hours TIS
- Effective Date:** 29 June 2006

DCA/GA8/5D Horizontal Stabiliser – Inspection

- Applicability:** GA8 aircraft, S/N GA8-00-004 onwards.
GA8-TC 320 aircraft, all S/N.
- Note 1:** DCA/GA8/5D revised to introduce Gippsland Aeronautics MSB SB-GA8-2002-02 issue 6 dated 21 April 2010 with no change to the AD requirement. The revised SB introduces an applicability matrix to clarify the SB compliance and requirement.
- Requirement:** To prevent failure of the horizontal stabiliser rear spar splice and inboard main ribs of the rear pivot attachment due to cracks, accomplish the following:
1. Daily inspection (stabiliser attachment bolt):
Accomplish instruction 1 of Gippsland Aeronautics MSB SB-GA8-2002-02 issue 6 dated 21 April 2010.
- Note 2:** The daily inspection requirement is cancelled when requirements 3 and 5 are accomplished.
2. External Inspection (lower flange, stabiliser rear spar):
Accomplish instruction 2 of MSB SB-GA8-2002-02.
 3. Rear Pivot Attachment Inspection:
Accomplish instruction 3 in MSB SB-GA8-2002-02.
 4. Internal Inspection:
Accomplish instruction 4 in MSB SB-GA8-2002-02.
 5. Rear Attachment Bolt Replacement:
Accomplish instruction 5 in MSB SB-GA8-2002-02.
- Note 3:** If any defects are found per the inspections of this AD accomplish the corrective actions in MSB SB-GA8-2002-02 before further flight.
(CASA AD/GA8/5 Amdt 4 refers)
- Compliance:**
1. For aircraft S/N 004 through to 053 not embodied with the actions identified in requirements 3 and 5 of this AD:
Before the first flight of every day.
 2. For all S/N aircraft:
Within the next 100 hours TIS or annual inspection, whichever occurs sooner, unless previously accomplished, and thereafter at intervals not to exceed 100 hours TIS or annual inspection, whichever occurs sooner.
 3. For aircraft S/N 004 through to 053 not fitted with CNC machined elevator hinges:
Within the next 100 hours TIS or annual inspection, whichever occurs sooner, unless previously accomplished.
 4. For all S/N aircraft:
Within the next 100 hours TIS or annual inspection, whichever occurs sooner, unless previously accomplished, and thereafter at intervals not to exceed 100 hours TIS or annual inspection, whichever occurs sooner.
 5. For aircraft S/N 004 through to 053:
Within the next 100 hours TIS or annual inspection, whichever is sooner, unless previously accomplished.
- Effective Date:** DCA/GA8/5B - 26 March 2009
DCA/GA8/5C - 29 April 2010
DCA/GA8/5D - 27 May 2010

DCA/GA8/6 Pitot Heat Wiring - Modification

Applicability: GA8 series aircraft fitted with a heated pitot except those aircraft embodied with GippsAero Engineering Release ER-GA8-950216.

Requirement: To prevent loss of pitot heating which could result in loss of airspeed indication, accomplish the requirements in CASA AD/GA8/6.

Note: GippsAero Service Bulletin SBGA8-2012-77 issue 3 or later approved revisions are acceptable to comply with the requirements of this AD.

(CASA AD/GA8/6 refers)

Compliance: At the compliance times specified in CASA AD/GA8/6.

Effective Date: 30 August 2012

The State of Design ADs listed below are available directly from the National Airworthiness Authority (NAA) websites. Links to NAA websites are available on the CAA website at <https://www.aviation.govt.nz/aircraft/airworthiness/airworthiness-directives/links-to-state-of-design-airworthiness-directives/>

If additional NZ ADs need to be issued when an unsafe condition is found to exist in an aircraft or aeronautical product in NZ, they will be added to the list below.

AD/GA8/7 Amdt 1 Fuel System Ventilation and Drainage - Modification

Applicability: GA8 and GA8-TC 320 aircraft identified in GippsAero SB-GA8-2012-96 issue 6, as in force at the time of commencement of this AD.

Effective Date: AD/GA8/7 - 6 September 2013
AD/GA8/7 Amdt 1 - 30 November 2017

AD/GA8/8 Amdt 1 Engine Mount Fire Seal Washer – Inspection

Applicability: All GA8-TC 320 aircraft up to and including S/N GA8-TC 320-14-205

Effective Date: AD/GA8/8 - 1 December 2014
AD/GA8/8 Amdt 1 - 1 April 2015

AD/GA8/9 Amdt 1 Wing Strut and Wing Strut Fittings - Inspection

Applicability: All GA8 series aircraft.

Note: Report the results of all inspections including nil findings to CASA and GippsAero per the requirements in AD/GA8/9. Also complete a CA005 Defect Report form and submit the completed form to the CAA at: CA005@caa.govt.nz or report findings via the online reporting system available at: <https://occurrences.caa.govt.nz/ProdUI/>

Effective Date: 8 June 2018

AD/GA8/10 Airworthiness Limitations - Amendment

Applicability: All GA8 series aircraft.

Effective Date: 31 October 2018

AD/GA8/3 Amdt 3 Forward Cargo Door Slide - Inspection

Applicability: All GA8 series aircraft.

Requirement: Comply with Gippsland Aeronautics MSB SB-GA8-2005-23 Issue 7, dated 30 May 2023.

Effective Date: 15 September 2023

*** AD/GA8/11 Solenoid (Relay) Box Electrical Bonding - Inspection**

Applicability: GA8 aircraft, all S/N up to and including GA8-20-262.

GA8-TC 320 aircraft, all S/N up to and including GA8-TC 320-20-261.

Requirement: Comply with Gippsland Aeronautics MSB SB-GA8-2023-216 Issue 1, dated 24 February 2023.

Effective Date: 23 December 2023