

Airworthiness Directive Schedule

Aeroplane

GA8 Series (Airvan)

25 October 2018

- Notes:**
1. This AD schedule is applicable to GA8 Airvan aircraft manufactured by GA8 Airvan Pty Ltd. (formally 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 <http://www.casa.gov.au/>
 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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From 1 October 2012 the Civil Aviation Authority of New Zealand (CAA) will no longer rewrite the text of State of Design ADs. Applicable State of Design ADs will be listed below and can be obtained directly from the National Airworthiness Authority (NAA) website. The link to the NAA website is available on the CAA website at http://www.caa.govt.nz/airworthiness-directives/states-of-design/ 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: All Model GA8 S/Ns 8-00-004 thru 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: Model GA8 S/Ns GA8-00-004 through 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 Forward Cargo Door Slide – Inspection

Applicability: All model GA8 aircraft.

Note: This AD revised to introduce SB-GA8-2005-23 issue 3 which removes any ambiguities that could exist in the previous SB revision. The revised SB introduces an improved inspection method and a minor design change to the cargo door slide (the inclusion of a slide backing plate, castellated nut and split pin.)

Requirement: To prevent excessive wear in the door slide which may result in door detachment in flight, accomplish the instructions in Gippsland Aeronautics MSB No. SB-GA8-2005-23 issue 3 dated 5 August 2010.

(CASA AD/GA8/3 Amdt 2 refers)

Compliance: Action 1 per SB-GA8-2005-23 issue 3:

Before 520 hours TTIS, or within the next 20 hours TIS for aircraft with greater than 500 hours TTIS.

Action 2 per SB-GA8-2005-23 issue 3:

At intervals not to exceed 100 hours TIS.

Effective Date: DCA/GA8/3 - 5 October 2005
DCA/GA8/3A - 28 October 2010

DCA/GA8/4 Seat Track Stops - Modification

- Applicability:** Model GA8 aircraft, S/Ns through 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:** All model GA8 aircraft, S/N GA8-00-004 onwards, and
All model 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: Model 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 1: A copy of CASA AD/GA8/6 can be obtained from the CASA AD web site at http://www.casa.gov.au/scripts/nc.dll?WCMS:STANDARD::pc=PC_90822

Note 2: 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

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<http://www.caa.govt.nz/airworthiness-directives/states-of-design/>

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 GippsAero GA8 and GA8-TC 320 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 for all inspections including nil findings to the CAA. A CA005D Defect Report form can be obtained from
http://www.caa.govt.nz/assets/legacy/Forms/CA005D_Form.pdf
The completed form can be emailed to the CAA at CA005@caa.govt.nz

Effective Date: 8 June 2018

*** AD/GA8/10 Airworthiness Limitations - Amendment**

Applicability: All GippsAero GA8 and GA8-TC 320 aircraft.

Effective Date: 31 October 2018