

**2010-18-06 GA 8 AIRVAN (PTY) LTD:** Amendment 39-16419; Docket No. FAA-2010-0847; Directorate Identifier 2010-CE-046-AD.

### **Effective Date**

(a) This airworthiness directive (AD) becomes effective August 30, 2010.

### **Affected ADs**

(b) This AD supersedes AD 2005-22-02, Amendment 39-14346.

### **Applicability**

(c) This AD applies to GA 8 Airvan (Pty) Ltd Models GA8 and GA8- TC320 airplanes, all serial numbers, certificated in any category.

### **Subject**

(d) Air Transport Association of America (ATA) Code 52: Doors.

### **Reason**

(e) The mandatory continuing airworthiness information (MCAI) states: 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.

Following a recent in-flight door separation, this amendment is issued to update the service bulletin to remove any ambiguities that could have existed in the previous revision to the referenced service bulletin. It also provides an improved inspection method and a minor design change to the cargo door slide (inclusion of slide backing plate, castellated nut and spilt [sic] pin).

### **Actions and Compliance**

(f) Unless already done, do the following actions:

(1) Within 500 hours total time-in-service (TIS) of the airplane or within the next 10 hours TIS after August 30, 2010 (the effective date of this AD), whichever occurs later, do all of Action 1: of GippsAero Pty. Ltd. Mandatory Service Bulletin SB-GA8-2005-23, Issue 3, dated August 5, 2010.

(2) Within 100 hours TIS after doing the actions in paragraph (f)(1) of this AD or within 12 calendar months after doing the actions in paragraph (f)(1) of this AD, whichever occurs first, and repetitively thereafter at intervals not to exceed 100 hours TIS or 12 calendar months, whichever occurs first, do all of Action 2: of GippsAero Pty. Ltd. Mandatory Service Bulletin SB-GA8-2005-23, Issue 3, dated August 5, 2010.

(3) If a cracked or excessively worn slider is found during any inspection required in paragraph (f)(1) or (f)(2) of this AD, before further flight replace the slider.

## **FAA AD Differences**

Note: This AD differs from the MCAI and/or service information as follows: The MCAI and service information only list the Model GA8 in the applicability. The cargo door for the Model GA8-TC320 has the same design and this AD also applies to the Model GA8-TC320.

## **Other FAA AD Provisions**

(g) The following provisions also apply to this AD:

- (1) Alternative Methods of Compliance (AMOCs): The Manager, Standards Office, FAA, has the authority to approve AMOCs for this AD, if requested using the procedures found in 14 CFR 39.19. Send information to ATTN: Doug Rudolph, Aerospace Engineer, FAA, Small Airplane Directorate, 901 Locust, Room 301, Kansas City, Missouri 64106; telephone: (816) 329-4059; fax: (816) 329-4090. Before using any approved AMOC on any airplane to which the AMOC applies, notify your appropriate principal inspector (PI) in the FAA Flight Standards District Office (FSDO), or lacking a PI, your local FSDO.
- (2) Airworthy Product: For any requirement in this AD to obtain corrective actions from a manufacturer or other source, use these actions if they are FAA-approved. Corrective actions are considered FAA-approved if they are approved by the State of Design Authority (or their delegated agent). You are required to assure the product is airworthy before it is returned to service.
- (3) Reporting Requirements: For any reporting requirement in this AD, under the provisions of the Paperwork Reduction Act (44 U.S.C. 3501 et seq.), the Office of Management and Budget (OMB) has approved the information collection requirements and has assigned OMB Control Number 2120-0056.

## **Related Information**

(h) Refer to MCAI Civil Aviation Safety Authority AD No. AD/GA8/ 3, Amdt 2, dated August 11, 2010, and GippsAero Pty. Ltd. Mandatory Service Bulletin SB-GA8-2005-23, Issue 3, dated August 5, 2010, for related information.

## **Material Incorporated by Reference**

- (i) You must use GippsAero Pty. Ltd. Mandatory Service Bulletin SB-GA8-2005-23, Issue 3, dated August 5, 2010, to do the actions required by this AD, unless the AD specifies otherwise.
- (1) The Director of the Federal Register approved the incorporation by reference of this service information under 5 U.S.C. 552(a) and 1 CFR part 51.
  - (2) For service information identified in this AD, contact GippsAero Pty. Ltd., Attn: Technical Services, P.O. Box 881, Morwell, Victoria 3840, Australia; telephone: + 61 03 5172 1200; fax: +61 03 5172 1201; Internet: <http://www.gippsaero.com>.
  - (3) You may review copies of the service information incorporated by reference for this AD at the FAA, Central Region, Office of the Regional Counsel, 901 Locust, Kansas City, Missouri 64106. For information on the availability of this material at the Central Region, call (816) 329-3768.

(4) You may also review copies of the service information incorporated by reference for this AD at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call (202) 741-6030, or go to: [http://www.archives.gov/federal\\_register/code\\_of\\_federal\\_regulations/ibr\\_locations.html](http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html).