

Service Bulletin

Subject:

Alternate Air Cable Inspection

Applicability:

GA8 serial numbers GA8-07-115 through GA8-08-130.

Amendments:

Issue 2: Typing correction & document formatting corrected.

Background:

There is a possibility that the automatic alternate air door in the revised alternate air box (P/N GA8-716041-11) may be inhibited by the manual override cable, reducing the effectivity of the automatic alternate air door.

Compliance:

For all applicable aircraft, inspect the operation of the automatic alternate air door in accordance with the inspection procedure detailed in the **Instructions** section in this Service Bulletin at the next 100 hour/annual inspection after 29 February 2008.

Weight and Balance:

Not affected.

Approval:

The technical aspects of this Service Bulletin have been approved under a CASA Authorisation.

Parts:

No additional parts are required to complete the instructions in this Service Bulletin

Labour:

Approximately 15 minutes should be allocated for completing the inspection procedure detailed in the **Instructions** section in this Service Bulletin. A further half hour should be allocated if modification is required.

Warranty:

Gippsland Aeronautics factory participation is limited to aircraft in warranty at the time of compliance.

Instructions:

1. Inspection Procedure

- 1.1. Remove the port side engine cowl access panel to gain access to the alternate air box.
- 1.2. With the alternate air knob fully in, there should be a gap of 0.40 ± 0.005 inch between the actuator arm and the upper stop of the rocker arm (see Figure 1). If the actuator arm is closer to the lower stop of the rocker arm (see Figure 2) with the alternate air knob fully in, complete the **2. Modification Procedure** detailed in this Service Bulletin. If the cable is installed correctly, on the Document Compliance Notice, record completion of the inspection procedure with no defect noted.

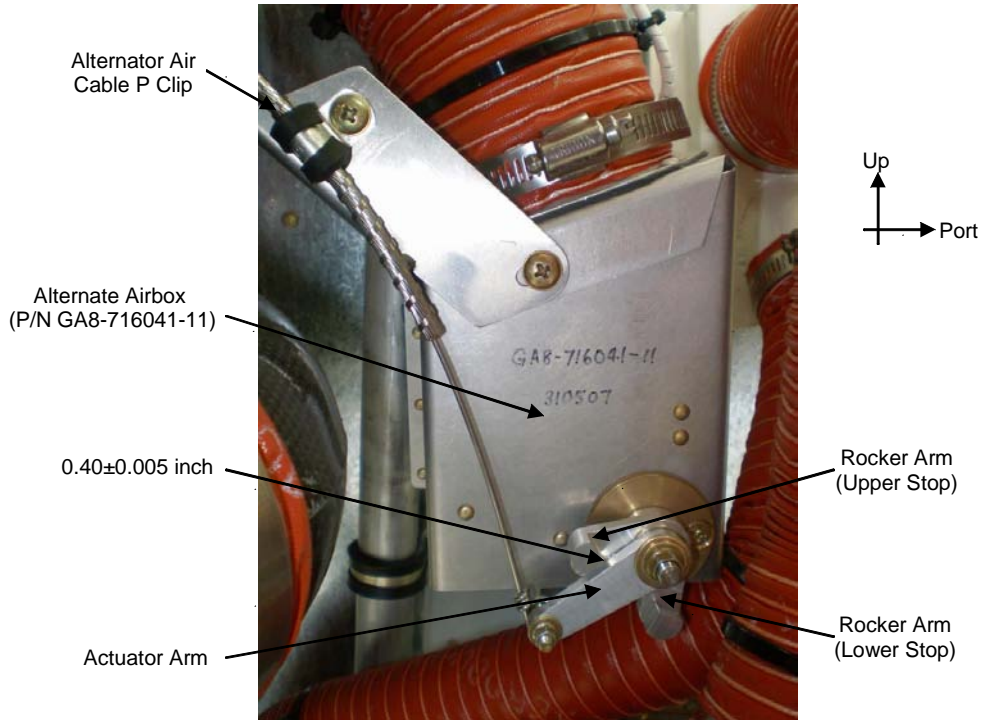


Figure 1 Correct Cable Installation



Figure 2 Incorrect Cable Installation

2. Modification Procedure

- 2.1. Loosen the P clip securing the alternate air cable to the air box such that the cable outer sleeve can move freely through it.
- 2.2. With the alternate air knob held in, feed the cable through the P clip until there is a gap of 0.040 ± 0.005 inch between the actuator arm and the upper stop of the rocker arm, and then tighten the P clip securing the alternate air cable to the air box.
- 2.3. Check for correct operation several times (refer to the **1. Inspection Procedure** in this Service Bulletin).
- 2.4. Reinstall the port side engine cowl access panel.
- 2.5. Record completion of the modification procedure on the Document Compliance Notice.

Documentation:

Update aircraft log book to reflect incorporation of this Service Bulletin.

Compliance Notice:

Complete the Document Compliance Notice and return to Gippsland Aeronautics by fax or mail.

DOCUMENT COMPLIANCE NOTICE



Document: Service Bulletin SB-GA8-2008-44,
Issue 2

Aircraft Serial Number: GA8-_____

Service Bulletin SB-GA8-2008-44, Issue 2 has been incorporated in the above aircraft.

- Yes, a defect was found and corrected.
- No defects were found.

Date: _____

Signed

On behalf of (*company name*): _____

Please post, fax or email this compliance notice to:

Gippsland Aeronautics
Attn: Technical Services
P.O. Box 881
Morwell Victoria 3840
Australia
Fax.: +61 03 5172 1201
Email: techrec@gippsaero.com