



A Mahindra Aerospace Company

PO Box 881, Morwell, Victoria 3840, Australia
Ph + 61 (0) 3 5172 1200
Fax + 61 (0) 3 5172 1201
www.gippsaero.com

SB-GA8-2011-68

Issue 1

OPTIONAL

Service Bulletin

Subject:

Alternative Alternate Air Cable

Applicability:

All GA8-TC 320 model aircraft

Amendments:

Nil (initial issue)

Background:

Instances of alternate air inlet opening during flight have been reported by operators. Unless the pilot notices that the cable knob has been extended out, the alternate air inlet remains open.

This Service Bulletin gives the instructions required to install the new Alternate Air Cable which comprises a "push to unlock" knob mechanism.

Compliance:

For applicable aircraft, this optional Service Bulletin may be incorporated at the owner's discretion.

Weight and Balance:

Nil

Approval:

This modification has been approved pursuant to Regulation CASR 21.095

Parts:

Item	Part Number	Description	Qty
1	GA8-716013-017	Alternate Air Cable	1

Parts Availability:

New parts can be obtained directly from GippsAero.

Tel.: +61 (0) 3 5172 1200

Fax.: +61 (0) 3 5172 1201

Email: spares@gippsaero.com

Labour:

1 hour should be allocated for the incorporation of this Service Bulletin.

Warranty:

Not applicable.

Removal:

1. Loosen and remove the Nut (2) and Washer (3) and then remove the Cable (1). See Figure 6;
2. Loosen the Screw (4) and remove the Cable (1) from the PClip (5). See Figure 7;
3. Hold the Cap Nut (6) and loosen the Nut (7) from console end cover, then hold the Cable (1) and loosen the Cap Nut (6). Release the Cable Knob (8) from the Cable (1). See Figure 3;
4. Remove and discard the Alternate Air Cable P/N GA8-716013-15 (1).

Note: Figures 1 and 2 are for reference purposes. They shall be used together with the other figures in order to clarify the details.

Installation:

1. Ream the diameter of the hole in Console Rear Cover (9) to 7/16". See Figure 9;
2. Ream the diameter of hole in the Bolt (10) to 0.080" as shown on Figure 8;
3. Take the new Alternate Air Cable P/N GA8-716013-17 (11) and install it following the instructions on Figure 3, Figure 4, Figure 5, Figure 6 and Figure 7.

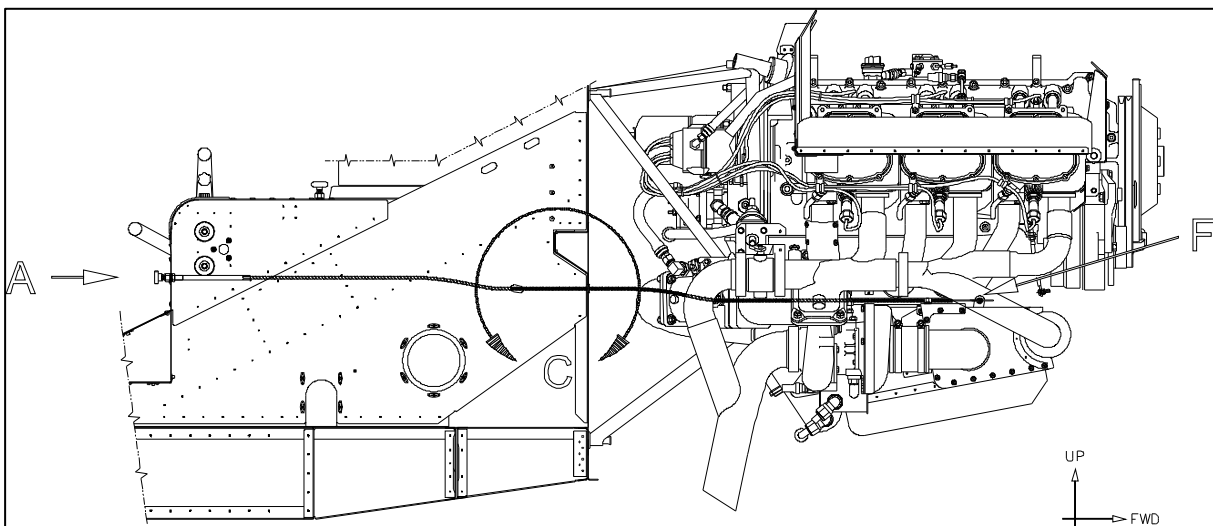


Figure 1 – Stardboard view of cable looking inboard.

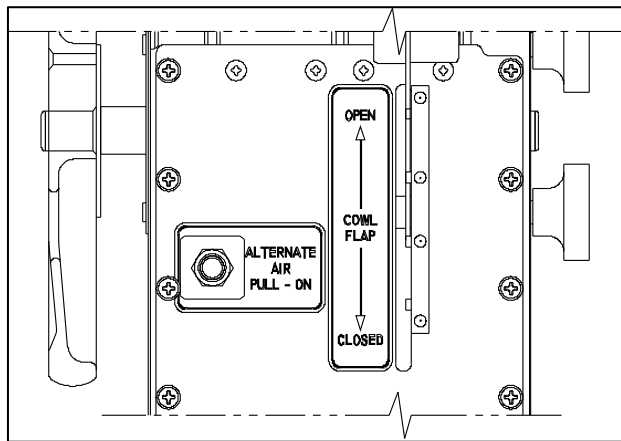


Figure 2 – View A

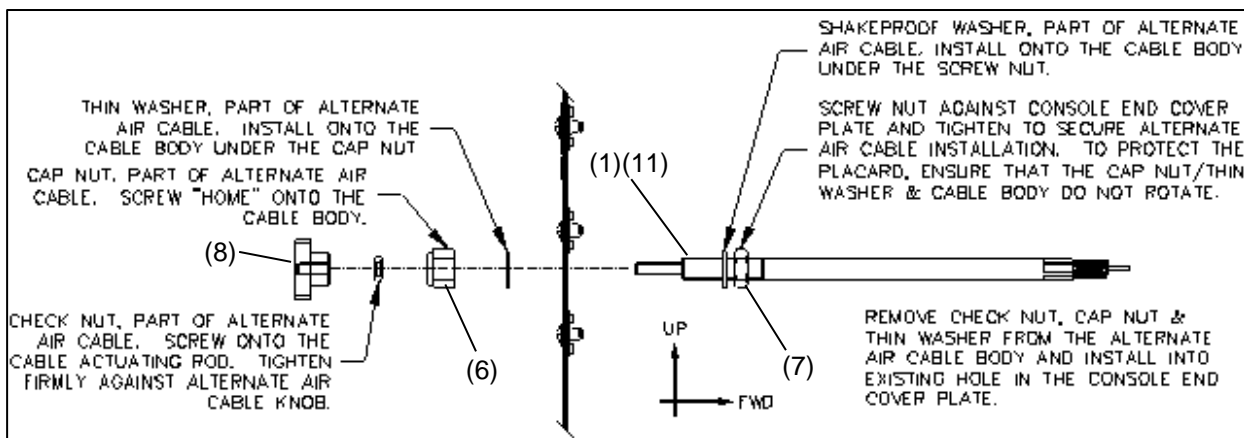


Figure 3 – Console cable installation (exploded view)

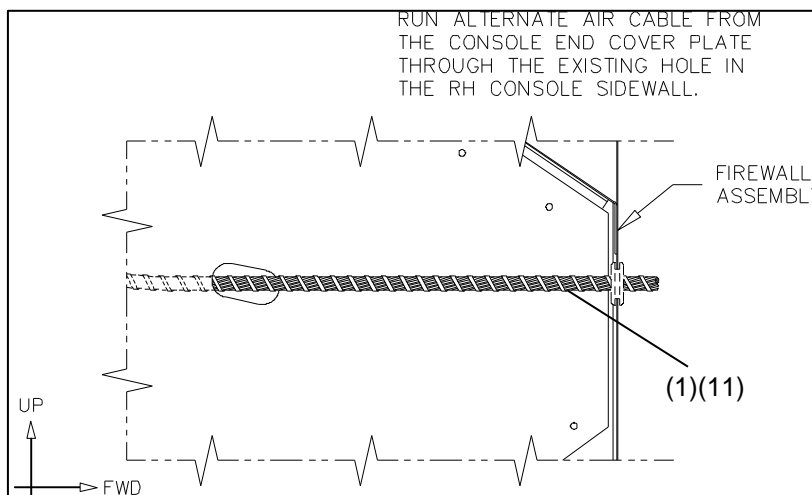


Figure 4 – View C



Figure 5 – View F

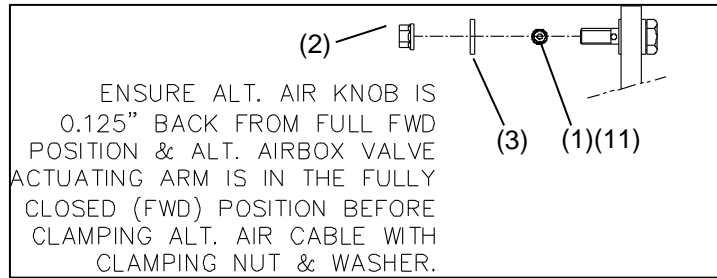


Figure 6 – View E

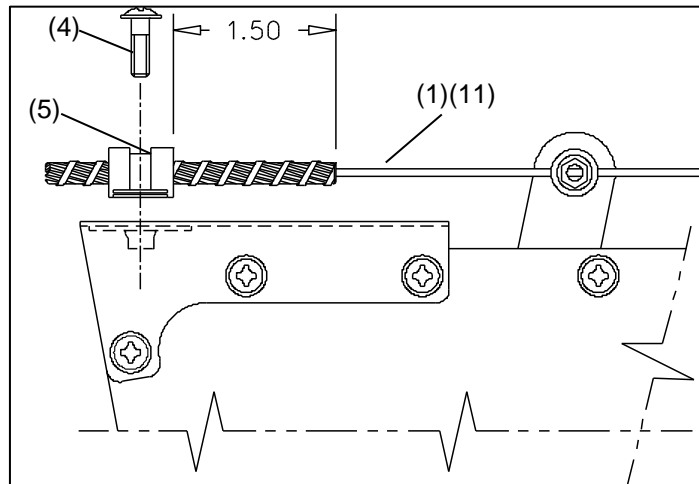


Figure 7 – View G

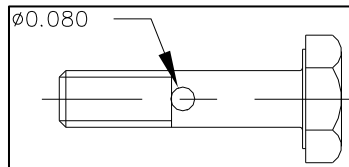


Figure 8 – Bolt

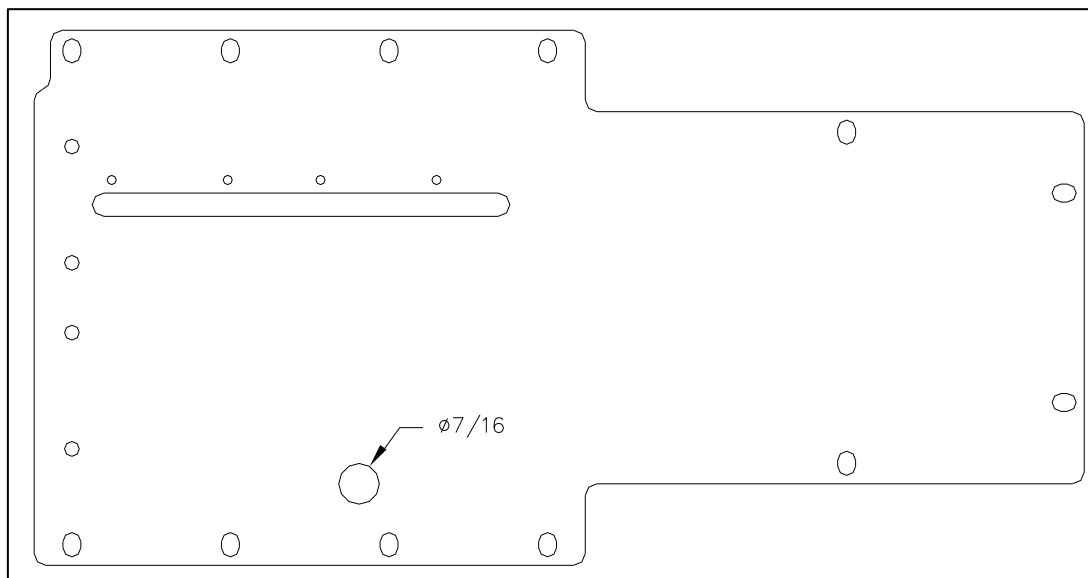


Figure 9 – Console Rear Cover

Documentation:

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

Continuing Airworthiness:

No additional continuing airworthiness actions are required as part of the implementation of this Service Bulletin.

Compliance Notice:

Complete the Document Compliance Notice and return to GippsAero by mail, fax or email.

DOCUMENT COMPLIANCE NOTICE



A Mahindra Aerospace Company

Document:

SB-GA8-2011-68

Issue 1

Aircraft Serial Number: GA8-_____

Service Bulletin SB-GA8-2011-68 Issue 1 has been incorporated in the above aircraft.

Date: _____

Signed

Print Name: _____

Please post or fax this compliance notice to:

GippsAero
Attn: Technical Services
P.O. Box 881
Morwell Victoria 3840
Australia
Fax.: +61 3 5172 1201