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SB-GA8-2012-81

Issue 3

OPTIONAL

Service Bulletin

Subject:

Modifications required for aircraft to be registered in Malaysia

Applicability:

This Service Bulletin applies only to aircraft intended for registration in Malaysia

Amendments:

Issue 1: Nil (initial issue).

Issue 2: Reference to AC 21-99 in lieu of AC 43.13-1B, at CASA's request. Corrected typographical error on page 6, reference to figure 7 instead of 8 in point 4.

Issue 3: Instructions for installation of an additional caution light in the ignition system at the request of the Malaysian Department of Civil Aviation. Ignition caution light now contained in separate Service Bulletin SB-GA8-2012-85.

Background:

The Department of Civil Aviation Malaysia (DCA) mandates requirements for aircraft to be registered in that country. The GA8 requires minor modification to ensure compliance with Airworthiness Notices of Malaysia.

This Service Bulletin documents the replacement of a caution light lens.

Compliance:

Implementation of this bulletin is mandatory for any GA8 or GA8-TC320 prior to registration in Malaysia.

Weight and Balance:

Negligible effect on weight and balance.

Approval:

This modification has been approved pursuant to Regulation 21.095 of CASR(1998).

Parts:

Item	Part Number	Description	Qty
1	A0163B (APEM)	Warning Light Red	1

Parts Availability:

New parts can be obtained directly from GippsAero.

Tel.: +61 3 5172 1200

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Labour:

2 hours should be allocated to the incorporation of this Service Bulletin.

Warranty:

Not applicable.

Installation:

Modification to the ALT indicator

1. So as to comply with Department of Civil Aviation Malaysia Airworthiness Notice No 72 Issue 2, the existing amber ALT lens is to be changed to red. This modification may be performed with the flight instrument panel in situ.
2. The aircraft Bus 1 and Bus 2 Master switches located in the overhead electrical panel are to be turned off.
3. The ALT annunciator is shown in Figure 1 as fitted to a typical flight instrument panel. Carefully remove the amber housing. Discard the amber housing.
4. Take note of the keying used within the lamp housing. Refer to Figure 2. When assembling the red lens, white diffuser and placard, ensure that the keying of the diffuser and housing match. Refer to Figures 3 and 4.
5. Fit the red ALT lamp cover (item 1) as shown in Figure 5.
6. Apply power to the aircraft by switching on Bus 1 and Bus 2 Masters.
7. Undertake a lamp test from the flight instrument panel. The push-button test lamp is located on the top right hand side of this panel. The red ALT lamp should be illuminated when operating from the aircraft battery. Switch off Bus 1 and Bus 2 Master switches.

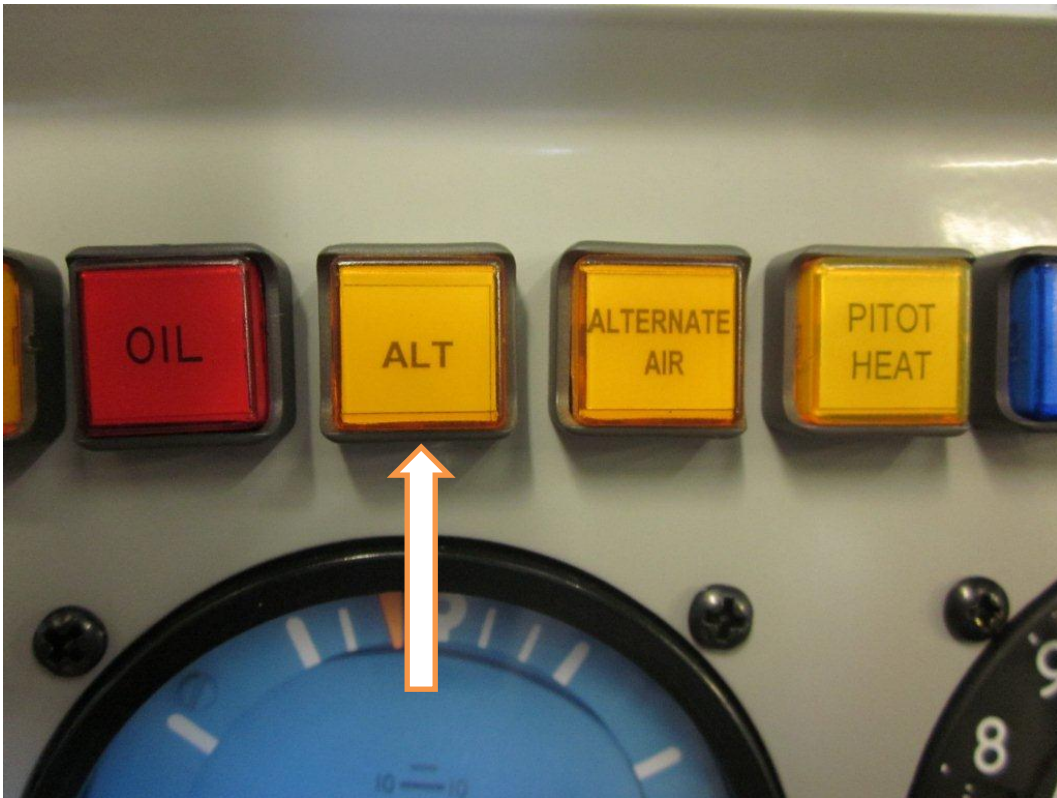


Figure 1 : “Amber” ALT indicator



Figure 2 : Lenses removed from ALT indicator

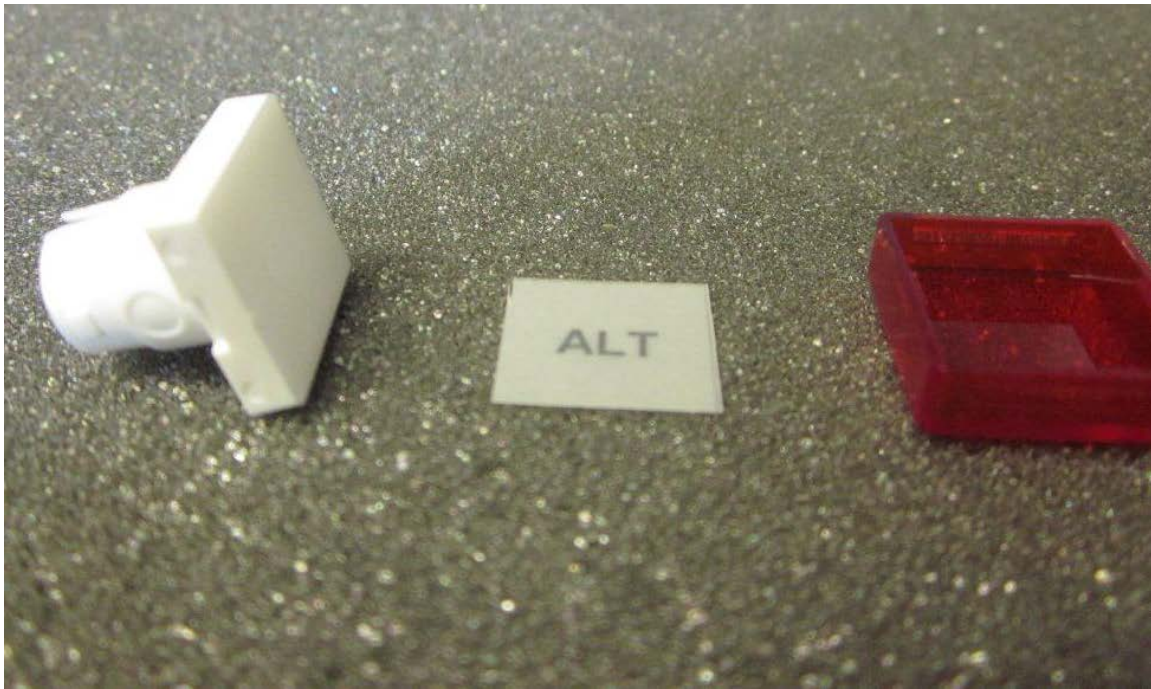


Figure 3 : Disassembled diffuser, placard and lens cover.



Figure 4 : Assembled diffuser, placard and lens cover.



Figure 5 : Completed modification.

Documentation:

Update aircraft logbooks to reflect incorporation of this Service Bulletin.

Continuing Airworthiness:

There are no additional continuing airworthiness requirements 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-GA8-2012-81

Issue 3

Aircraft Serial Number: GA8-_____

Service Bulletin SB-GA8-2012-81 Issue 3 has been incorporated in the above aircraft.

Date: _____

Signed

Print Name: _____

Please post or fax this compliance notice to:

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