

Service Bulletin

Subject:

Eligibility of GA8 aircraft for United Kingdom (UK) CAA certification.

Note: FAR Part 36 Noise compliant aircraft are not eligible for certification in the UK unless also modified to Service Bulletin SB-GA8-2003-06.

Applicability:

All GA8 aircraft certified in the UK.

Amendments:

Nil – Initial Issue.

Background:

Certification in the UK requires ICAO noise compliance and the tachometer to be marked with a single red line at 2500 rpm in lieu of the standard red quadrant from 2500 to 2700 rpm. In addition, the existing amber “ALT” alternator warning light annunciator lens is to be replaced with a red lens, and Flight Manual Supplement C01-04-38 is to be inserted into the aircraft Flight Manual.

Compliance:

This Service Bulletin must be incorporated prior to the issue of a UK Certificate of Airworthiness.

Weight and Balance:

Negligible effect on weight and balance.

Approval:

This Service Bulletin has been approved pursuant to Regulation 21.095 of CASR 1998.

Parts:

Item	P/N	Description	Qty
1	GA8-771013-13 ¹	Tachometer	1
2	A0162R	Red annunciator light lens	1
3	C01-04-38	Flight Manual Supplement for UK Operations	1

¹ Existing tachometer may be reworked – refer to text for details

Instructions:

Tachometer Replacement

1. Remove existing tachometer and replace with new tachometer (P/N GA8-771013-13).

Alternatively, the existing tachometer P/N GA8-771013-11 may be reworked by re-marking the dial. Remove the existing red arc between 2500 rpm and 2700 rpm. Mark a red line at 2500 rpm. Refer to Figure 1. Re-identify the tachometer as GA8-771013-13.

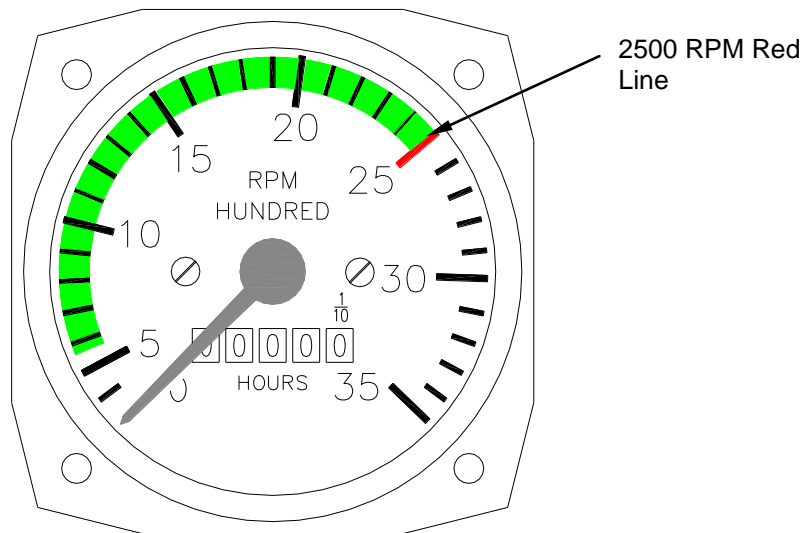


Figure 1 – Tachometer marking

Alternator Warning Light

1. Remove the existing amber lens from the alternator “ALT” annunciator light housing (Hint – use a pocket knife or similar to pry the lens off of the housing).
2. Remove the transparent “ALT” placard from the amber lens and insert into the new red lens.
3. Insert the red lens into the annunciator light housing. Ensure the “ALT” placard is the correct way up.

Documentation:

1. Incorporate Flight Manual Supplement C01-04-38 *Flight Manual Supplement for UK Operations* into the Aircraft Flight Manual.
2. Update aircraft log book to reflect incorporation of this Service Bulletin.

Compliance Notice:

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

DOCUMENT COMPLIANCE NOTICE



Document: Service Bulletin SB-GA8-2005-17

Aircraft Serial Number: GA8-_____

I/we have incorporated Service Bulletin SB-GA8-2005-17 for the above aircraft.

Signed

Print Name

Please post or fax this compliance notice to:

Gippsland Aeronautics
Attn: Technical Services
P.O. Box 881
Morwell Victoria 3840
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