

Service Bulletin

Subject:

Remarking of airspeed indicator white and green arcs.

Applicability:

All GA8 aircraft up to serial number GA8-05-075.

(Aircraft S/N's GA8-05-075 and subsequent have been fitted with remarked airspeed indicators during production and are not subject to the requirements of this Service Bulletin).

Amendments:

Nil – Initial Issue.

Background:

Additional flight testing of the GA8 to validate the calibration of the pitot-static system in slow speed flight near the stall has resulted in amended figures for indicated stall speeds. Accordingly the lower limits of the white and green arcs on the airspeed indicator (ASI) are required to be remarked. Note that the change of markings to the ASI has no effect on the stated indicated and calibrated airspeeds quoted in the Approved Flight Manual.

Compliance:

MANDATORY - to be completed at or before the next scheduled periodic inspection.

Weight and Balance:

Negligible effect on weight and balance.

Approval:

This Service Bulletin has been approved pursuant to Regulation 21.095 of CASR1998.

Parts:

Item	P/N	Description	Qty
1	GA8-341012-15 ¹	Airspeed Indicator	1

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

Parts Availability:

New parts can be obtained directly from Gippsland Aeronautics.

Tel.: +61 03 5172 1200

Fax.: +61 03 5172 1201

Email: spares@gippsaero.com

Instructions:

Airspeed Indicator Replacement

1. Remark the existing ASI (P/N GA8-341012-11) white arc to commence at 57 knots, and the green arc to commence at 64 knots. Refer to Figure 1. Re-identify the modified part as GA8-341012-15.

Alternatively, remove existing ASI and replace with new ASI (P/N GA8-341012-15).

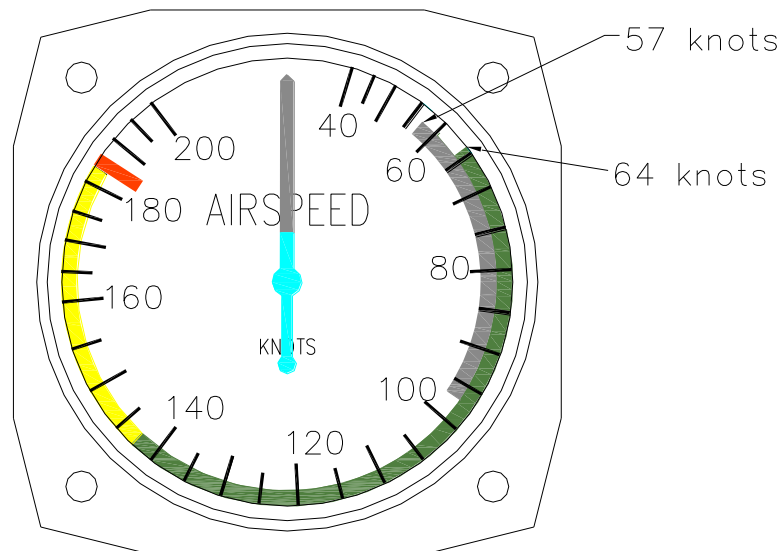


Figure 1 –Airspeed indicator marking

2. After reinstalling ASI conduct leak test of pitot-static system per Section 34-10-00 of the GA8 Service Manual.

Documentation:

1. Incorporate Flight Manual Amendment dated 31 May 2005 into the Approved Flight Manual (AFM).
2. Hand amend the airspeed indicator dash number on page 6-18 of Section 6 of the AFM from -11 to -15.
3. 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/mail.

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DOCUMENT COMPLIANCE NOTICE



Document: Service Bulletin SB-GA8-2005-25

Aircraft Serial Number: GA8-_____

I/we have incorporated Service Bulletin SB-GA8-2005-25 for the above aircraft.

Signed

Print Name

Please post or fax this compliance notice to:

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