

Service Bulletin

Subject:

Installation of rear spar adjusting bushes.

Applicability:

All GA8 serial numbers GA8-00-004 through GA8-04-053.

Amendments:

Corrected typographic error in serial number applicability.

Background:

To allow more precise lateral rigging a production improvement has incorporated an adjusting bush in the rear wing spar attachment of aircraft S/N GA8-04-054 and subsequent. This change allows wing low flying tendencies to be corrected without the need to adjust the rigging of the flap up setting.

This Service Bulletin documents the installation procedure for aircraft not fitted at production of rear spar adjusting bushes on the left hand wing to enable precise correction of a wing low flight condition.

Compliance:

For applicable aircraft this optional service bulletin should be incorporated if a wing low flight condition cannot be corrected by adjustment of the flap up stop within normal limits.

Weight and Balance:

Negligible effect on weight and balance.

Approval:

This Service Bulletin has been approved pursuant to Regulation 35 of CAR1988.

Parts:

Item	P/N	Description	Qty
1	GA8-537021-177	Rear Spar Adjusting Bush	2
2	AN5-16A	Bolt	1

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:

1. Installation

1. Remove LH wing assembly (if fitted) per section 57-10-10 *Wing Removal and Installation* of the GA8 Service Manual.
2. Ream the hole for the rear spar attachment bolt to 0.625". Refer to Figure 1.

CAUTION:

USE EXTREME CARE WHEN REAMING THE REAR SPAR ATTACHMENT BOLT HOLE, EXTENSIVE REPAIRS MAY BE REQUIRED SHOULD ANY SURROUNDING STRUCTURE BE DAMAGED OR THE HOLE BE REAMED OFF CENTER OR TO A DIAMETER GREATER THAN 0.625".

3. Install rear spar adjusting bushes in reamed hole, ensure all contacting surfaces are coated with anti-seize.
4. Reinstall and rig wing per section 57-10-10 *Wing Removal and Installation* of the GA8 Service Manual, replacing the AN5-14A bolt removed from rear spar attachment with an AN5-16A bolt.
5. Screw holes in lower wing root fairing P/N GA8-570028-27 may be slotted to a length of 0.25" if required for ease of installation.



Figure 1

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/mail.

DOCUMENT COMPLIANCE NOTICE



DOCUMENT: Service Bulletin SB-GA8-2004-12

Aircraft Serial Number: GA8-_____

I/we have incorporated Service Bulletin SB-GA8-2004-12 for the above aircraft.

Signed

Print name_____

Please post or fax this compliance notice to:

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