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SB-GA8-2024-219

Issue 1

OPTIONAL

Service Bulletin

1 Subject:

Main Landing Gear Fitting - Oversize Fasteners.

2 Applicability:

This Service Bulletin is applicable to the aircraft identified in Table 1.

Table 1: Applicability

AIRCRAFT	SERIAL NUMBER(s)
GA8	This Service Bulletin is applicable to all GA8 aircraft. Written authorisation to install this optional Service Bulletin must be obtained from GippsAero before installation.
GA8-TC 320	This Service Bulletin is applicable to all GA8 TC 320 aircraft. Written authorisation to install this optional Service Bulletin must be obtained from GippsAero before installation.

3 Amendments:

Issue 1: Initial Issue

4 Background:

This Service Bulletin provides instructions for installing larger fasteners to attach the inboard main undercarriage leg fitting to the fuselage floor keel beams. It is required when the fastener holes in the fuselage floor keel beams have been worn or damaged.

5 Compliance:

The accomplishment instructions contained within this Service Bulletin are optional and may be incorporated at the Operator's, Owner's or Maintenance Provider's discretion.

6 Weight and Balance:

The effect of this Service Bulletin's incorporation on the aircraft's weight and balance is shown in Table 2:

Table 2: Weight and Balance Effect, Per Fitting

TOTAL	WEIGHT		ARM		MOMENT	
	(kg)	(lb)	(mm)	(in)	(kg.mm)	(in.mm)
Replacement Hardware	0.07	0.15	1971.4	77.61	131.9	11.4

The aircraft's weight and balance record shall be updated to include this information.