GIPPSAERO

A Mahindra Aerospace Company

PO Box 881, Morwell, Victoria 3840, Australia
Ph + 61 (0) 3 5172 1200
Fax + 61 (0) 3 5172 1201
www.mahindraaerospace.com

Service Letter

SUBJECT:

Aircraft Serial Number Clarification

APPLICABILITY:

All GA8 and GA8-TC 320 Aircraft

AMENDMENTS:

Issue 1: Initial issue. GippsAero Reference GAE12#2396.

BACKGROUND:

This Service Letter explains the structure of the aircraft serial number. The serial number is used in Instructions for Continuing Airworthiness (ICA) to establish aircraft applicability.
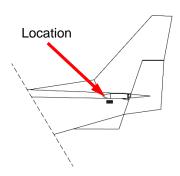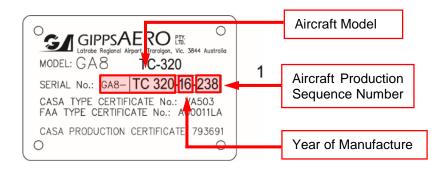
COMPLIANCE

Not Applicable – Explanatory only.

INSTRUCTIONS:

The Serial Number is located on the data plate which can be found mounted on the left hand side of the tailcone, beneath the tailplane. The example data plate shown below contains a typical serial number, in this case GA8-TC 320-16-238. The serial number contains the following:-

- The model identifier, which in this case is GA8-TC 320,

- The year of Manufacture, which in this case is 2016, and,

- The aircraft production sequence number, which in this case is 238.

The aircraft serial number can also be found in the front of the Aircraft Flight Manual as well as the Aircraft Log Book.

The three digit production sequence number is the primary reference used to establish aircraft applicability and is unique. The production sequence number will not be replicated amongst aircraft of other models (on the same type certificate) or year of manufacture. Other types of aircraft (i.e. GA10) have a parallel serial numbering system, the production sequence number is only unique within a type.

GippsAero uses the serial number to track the Airvan aircraft and specify applicability within ICA. The serial number will always remain the same.

NOTE:

In the event that a model change is carried out in accordance with GippsAero approved data, an additional data plate specifying the model change will be added next to the existing data plate. The original data plate will remain and the aircraft serial number will be unchanged, including the original model designation within the serial number.

Within ICA, the serial number may be referred to in several ways, the most common is to use the complete serial number. In some instances the serial number may also be referred to by using the 3 digit production sequence number i.e. 238. As this reference number is unique within an aircraft type, it is used in many GippsAero GA8 Publications; including Service Bulletins and Illustrated Parts Catalogues.

EXAMPLE OF SERIAL NUMBER USE

This Service Bulletin is applicable to:

AIRCRAFT	SERIAL NUMBER(s)
GA8	GA8-05-088 and Serial Numbers from 129 up to and including 237
GA8-TC 320	GA8-TC 320-02-016, GA8-TC 320-03-025 and Serial Numbers from 130 up to and including 238

In the illustration example above, it shows that the Model "applicability" range for a GA8 had a single Aircraft serial number of GA8-05-088 then a range using the Aircraft Production Sequence Number of 129 up to and including 237. This is equivalent to specifying the applicability as GA8-08-129 to GA8-16-237. Not all aircraft between production sequence numbers 129 - 237 will be model GA8 aircraft.

NOTE:

In addition, individual components or assemblies may be serialised using a three digit number. Components or assemblies that are serialised are generally those that have a life limit specified in the Airworthiness Limitations Section of the Service Manual. Vendor parts that are considered rotable will also generally have a vendor serial number.

SUPPORT

Should you require any further information please contact our Customer Support Department:

Tel.: +61 (0) 3 5172 1200

Fax: +61 (0) 3 5172 1201

Email: aircraft.support@mahindraaerospace.com