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SB TMG 300-0001 P1, Revision 3

SERVICE BULLETIN

PRIORITY 1 - SAFETY

Service Bulletin No. / Date: SB TMG 300-0001 P1, Revision 3 / February 7, 2024

Subject: Time Between Replacement (TBR) and Time Between Overhaul (TBO)

Type affected: Centurion 3.0 (CD-300)

Models affected: All



Classification: Category P1 – SAFETY

Time of Compliance: **Centurion 3.0 (CD-300) – Version 01 (see remarks for engine version identification):**
1,200 flight hours or 12 years after the date of initial operation, whichever occurs first. The date of initial operation is the date on which the engine is operated for the first time or the 180th day after delivery of Continental Aerospace Technologies GmbH, whichever occurs first.

Centurion 3.0 (CD-300) – Version 02 (see remarks for engine version identification):
2,000 flight hours or 12 years after the date of initial operation, whichever occurs first. The date of initial operation is the date on which the engine is operated for the first time or the 180th day after delivery of Continental Aerospace Technologies GmbH, whichever occurs first.

Reason: **Centurion 3.0 (CD-300) – Version 01 (see remarks for engine version identification):**
The entire engine has a proved TBR / TBO of 1,200 flight hours or 12 years, whichever occurs first. For safety reasons it is strongly recommended to replace or overhaul the entire aircraft engine after 1,200 flight hours or after 12 years, whichever occurs first.

Centurion 3.0 (CD-300) – Version 02 or later approved versions (see remarks for engine version identification):
The entire engine has a proved TBR / TBO of 2,000 flight hours or 12 years, whichever occurs first. For safety reasons it is strongly recommended to replace or overhaul the entire aircraft engine after 2,000 flight hours or after 12 years, whichever occurs first.

Checked	Approved
T. Kreißl, CVE  07. FEB. 2024	D. Hartung, Office of Airworthiness  07. FEB. 2024

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Correction: Engine Replacement or Engine Overhaul

Remarks: The aircraft engine is subject of a life extension program. For the reason of data sampling, the replaced aircraft engine has to be sent to Continental Aerospace Technologies GmbH. For further information, please contact Continental Aerospace Technologies GmbH.

Identification of Engine Version on Type Plate:

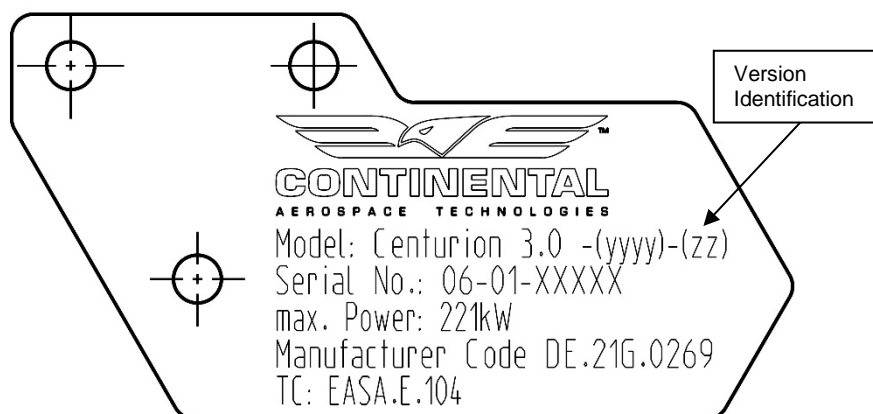


Fig. 1 Engine Version Identification

Parts with a different life time

Part Number	Description	Life time
06-2430-E000801	Alternator Regulator	10,000 flight hours
06-7150-E015301	ALTREG Loom	10,000 flight hours, periodical maintenance must be observed**
06-7151-E000801	Glow Plug Controller	10,000 flight hours
06-7320-E000201 06-7320-E000301	Load Potentiometer	19,200 flight hours
06-7610-E000202	FADEC D6	10,000 flight hours, periodical maintenance must be observed**
31-7150-E000101	CAN Terminator	No TBR, periodical maintenance must be observed**

* whichever occurs first.

** in accordance with the current OM-06-01.

Approval: The technical content of this document is approved under the authority of the DOA ref. EASA.21J.010.