

MANDATORY SERVICE BULLETIN

NO. MSB 50-002/4

Supersedes MSB 50-002/3

I TECHNICAL DETAILS

I.1 Category

Mandatory.

I.2 Airplanes affected

Type: DA 50 C

Serial Numbers: 50.002, 50.003, 50.006
50.C.A.A.007 and subsequent,
50.C.Q.A.001 and subsequent

I.3 Time of Compliance

At next maintenance action.

Note: Prior compliance with MSB 50-002 through MSB 50-002/2 does not constitute compliance with this MSB.

I.4 Subject

Software for Continental Aerospace Technologies GmbH Centurion 3.0 (CD-300) Engine, approved versions.

I.5 Reason

Summary of approved software versions for Continental Aerospace Technologies GmbH Centurion 3.0 (CD-300) Engine.

I.6 Concurrent Documents

Engines Operation & Maintenance Manual CD-300 Doc. No. OM-06-01 latest affective issue.

I.7 Approval

The technical information or instructions contained in this document relate to the Design Change Advisories No. MÄM 50-070 MÄM 50-099, MÄM 50-295, MÄM 50-345 and MÄM 50-457, which have been approved under the authority of EASA Design Organization Approval No. EASA.21J.052.

The technical content of this document has been approved und the authority of DOA No. EASA.21J.052.

I.8 Accomplishment/Instructions

Compare installed software version with approved ones stated in this service bulletin.

If installed software version is not approved per the list below, perform a software update to the latest approved software version listed below. Perform the update according to the procedures given in engines Operation & Maintenance CD-300 Manual Doc. No. OM-06-01 latest effective issue.

An update to a later approved software version listed below may be carried out on every aircraft. Perform the update according to the procedures given in engines Operation & Maintenance Manual CD-300 Doc. No. OM-06-01 latest effective issue.

NOTE: If multiple software versions are approved, it is recommended to use the latest one.

Engine Part / Serial Number	Firmware	Mapping	Remarks
P/N Centurion 3.0 –()-() S/N 06-01-()	D6-v1.10 (P/N 06-7610-E001002)	V28D114DA50 (P/N 55-7610-E001209)	- see Continental Aerospace Technologies GmbH TM TAE 000-0007 (always latest revision) - AFM Doc. No. 9.01.01-E issue 12 or later must be used

CAUTION: Regardless of the information given in TM TAE 000-0007, only the above mentioned software (firmware + mapping) is approved for use in the DA 50.

I.9 Mass (Weight) and CG

n. a.

II PLANNING INFORMATION

II.1 Material & Availability

Software and concurrent documents can be obtained through Continental Aerospace Technologies.

II.2 Special Tools

n. a.

II.3 Labor effort

Appr. 15 min

II.4 Credit

n. a.

II.5 Reference Documents

n. a.

III REMARKS

1. All work must be done by a certified aircraft service station or a certified aircraft maintenance mechanic.
2. Completion of all work must be recorded in the log book.
3. In case of any doubt, contact Diamond Aircraft Industries GmbH.
4. The content of this MSB is mandatory in accordance with EASA TCDS EASA.A.639.