

MANDATORY SERVICE BULLETIN NO. MSB 40NG-002 REV. 15
SUPERSEDES MSB 40NG-002 REV. 14

I TECHNICAL DETAILS

I.1 Category

Mandatory.

I.2 Airplanes Affected

Type: DA 40 NG

Serial Numbers: D4.111, D4.365
40.N001 and subsequent
40.NC001 and subsequent
40.NS001 and subsequent
40.NF001 and subsequent
All DA 40 NG converted using OSB D4-080

I.3 Time of Compliance

At next scheduled 100 hours inspection from the issue date of this SB.

NOTE: Prior compliance with MSB 40NG-002 Rev. 0 through MSB 40NG-002 Rev. 14 does not preclude compliance with this MSB.

I.4 Subject

Software for E4-A (AE300) Engine, approved versions.

I.5 Reason

Summary of approved software versions for E4-A (AE300) Engine.

I.6 Concurrent Documents

Austro Engine, Mandatory Service Bulletin MSB E4-003, latest effective issue.

I.7 Approval

The technical information or instructions contained in this document relate to the Design Change Advisories No. VÄM 40-004, MÄM 40-411, MÄM 40-513, MÄM 40-556, MÄM 40-609, MÄM 40-705, MÄM 40-730, MÄM 40-775, MÄM 40-782, MÄM 40-849, MÄM 40-876, MÄM 40-854/a, OÄM 40-370/a, MÄM 40-1024, and MÄM 40-1080/a.

The technical content of this document is approved as part of the type design.

I.8 Accomplishment/Instructions

Compare installed software version with the version stated in this section of the service bulletin.

If installed software version is not listed in the table below, thus no longer approved, update the software i.a.w. the procedures given in AE MSB E4-003, latest effective issue.

An update to a later approved software version listed in the table below may be done on any aircraft. Update the software i.a.w. the procedures given in AE MSB E4-003, latest effective issue.

Engine Model	Engine S/N	Software	Remarks
E4-A	E4-A-00001 and subsequent	VC33_1_06_24	1. Not approved if OÄM 40-370 "Diesel Operation" is installed. See below. 2. TR-MÄM 40-838 must be incorporated into the AFM Doc. No. 6.01.15-E, or the AFM Revision in which this TR has been incorporated to must be used.
If OAM 40-370 "Diesel Operation" is installed, only the following software versions are approved:			
E4-A	E4-A-00001 and subsequent	VC33_1_05_18_D	

CAUTION: Regardless of the information given in Austro Engine MSB E4-003, only the above listed software is approved for use in the DA 40 NG.

NOTE: EECU software update to version VC33_1_06_24 can only be performed with AE300 Wizard 1.3.2.417 or later version. It is necessary to upgrade to this AE300 Wizard version before starting the EECU software update.

I.9 Mass (Weight) and CG

n. a.

II PLANNING INFORMATION

II.1 Material and Availability

Software and concurrent documents can be obtained through Austro Engine.

II.2 Special Tools

n. a.

II.3 Labour 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 doubt contact Diamond Aircraft Industries.
4. The content of this MSB is mandatory in accordance with EASA TCDS EASA.A.022, EASA TCDS EASA.IM.A.022, and TCCA TCDS A-224.