

# MANDATORY SERVICE BULLETIN

## NO. MSB-D4-044/8

### SUPERSEDES MSB-D4-044/7

## I TECHNICAL DETAILS

### I.1 Category

Mandatory.

### I.2 Airplanes affected

Type: DA 40 D

Serial Numbers: 40.080, 40.084, D4.001 and subsequent  
40.DS001 and subsequent

### I.3 Time of Compliance

At next maintenance action.

**NOTE:** Prior compliance with MSB-D4-044, MSB-D4-044/1, MSB-D4-044/2, MSB-D4-044/3, MSB-D4-044/4, MSB-D4-044/5, MSB-D4-044/6 or MSB-D4-044/7 does not preclude compliance with this MSB.

### I.4 Subject

Software for TAE Engine, approved versions.

### I.5 Reason

Summary of approved software versions for TAE engines.

### I.6 Concurrent Documents

TAE Operation & Maintenance Manual TAE 125-01 Doc. No. OM-02-01 latest effective issue.

TAE Operation & Maintenance Manual CENTURION 2.0 Doc. No. OM-02-02 latest effective issue.

## I.7 Approval

The technical information or instructions contained in this document relate to the Design Change Advisories No. MÄM 40-207, MÄM 40-256, MÄM 40-333, MÄM 40-336, MÄM 40-356, MÄM 40-366, MÄM 40-489, MÄM 40-529, MÄM 40-567 and RÄM 40-056, 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 under the authority of DOA No. EASA.21J.052.

## I.8 Accomplishment/Instructions

### I.8.1 **Applicable to TAE125-01**

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

If installed software version is not approved per the list below, perform an update to the latest approved software version listed below. Perform the update according to the procedures given in TAE Operation & Maintenance Manual TAE 125-01 Doc. No. OM-02-01 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 TAE Operation & Maintenance Manual TAE 125-01 Doc. No. OM-02-01 latest effective issue.

**NOTE:** If several software versions are approved for one engine, it is recommended to use the latest one.

Engine Serial / Part Number	Firmware	Mapping	Remarks
P/N 02-7200-14001R4  S/N number up to: <b>-off-0100</b> (exclusive engines converted in accordance with TAE TM 125-0005)	TAE-125, m2.3 (P/N 02-7610-55-101R4)	S14V230DIA (P/N 50-7610-55-105R3)	Standard Software Version of delivered airplanes up to engine serial number -off-0100

P/N 02-7200-14005R5 (02-7200-14005R5_AT) S/N number up to: <b>-1ff-0100</b> (engine converted in accordance with TAE TM 125-0005	TAE-125, m2.91 (P/N 02-7610-55101R10)	T14V291DIA (P/N 50-7610-55105R8)	see TAE TM 000-0007 (always latest revision)
P/N 02-7200-14005R5  S/N number: <b>-0ff-0101</b> and subsequent	TAE-125, m2.91 (P/N 02-7610-55101R10)	T14V291DIA (P/N 50-7610-55105R8)	see TAE TM 000-0007 (always latest revision)

**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 40 D.

### I.8.2 Applicable to TAE125-02-99

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

If installed software version is not approved per the list below, perform an update to the latest approved software version listed below. Perform the update according to the procedures given in TAE Operation & Maintenance Manual CENTURION 2.0 Doc. No. OM-02-02 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 TAE Operation & Maintenance Manual CENTURION 2.0 Doc. No. OM-02-02 latest effective issue.

**NOTE:** If several software versions are approved for one engine, it is recommended to use the latest one.

Engine Serial / Part Number	Firmware	Mapping	Remarks
P/N 05-7200-K000101  S/N all aircraft equipped with <b>TAE125-02-99</b> engines S/N: 02-02-*****	TAE-125, m2.91 (P/N 02-7610-55101R10)	O14V294DA40 (P/N 50-7610-E000108)	see TAE TM 000-0007 (always latest revision)

P/N 05-7200-K000101  S/N all aircraft equipped with <b>TAE125-02-99</b> engines S/N: 02-02-*****	TAE-125, m3.00 (P/N 02-7610-55101R11)	O14V300DA40 (P/N 50-7610-E000109)	see TAE TM 000-0007 (always latest revision)
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**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 40 D.

### **I.9 Mass (Weight) and CG**

n. a.

## **II PLANNING INFORMATION**

### **II.1 Material & Availability**

Software and concurrent documents can be obtained through Thielert Aircraft Engines.

### **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 measures must be carried out a certified aircraft maintenance station or a certified aircraft maintenance mechanic.
2. Accomplishment of the measures must be confirmed in the log book.
3. In case of any doubt, contact Diamond Aircraft Industries.
4. The content of this MSB is mandatory in accordance to EASA TCDS A.022.