

TEMPORARY REVISION

OM-TR-MDC-E4-217d

Supersedes OM-TR-MDC-E4-217b

Engine Preservation

This Temporary Revision OM-TR-MDC-E4-217d is approved in conjunction with the Mandatory Design Change Advisory MDC-E4-217d and is valid in conjunction with the latest revision of the Operation Manual (OM) until this Temporary Revision has been incorporated into the OM.

The limitations and information contained herein either supplement or, in the case of conflict, override those in the OM.

The technical information contained in this document has been approved under the authority of DOA ref. EASA.21J.0399.

Doc. Nr.	Affected Section(S)	Affected Page(s)
E4.01.01	4 5	1a 2a

Instruction:

- Print this document on yellow paper (single-sided)
- Insert this cover page as the first page of the OM
- Insert the other pages of this Temporary Revision adjacent to or in front of the corresponding OM pages

4. Delivery, Storage and Standstill Period

4.1 Delivery

The existing text is replaced by the following:

The engine is delivered in a wooden box and is preserved for a distinct time. For details about preservation refer to shipping documents (e.g. engine log).



The preservation is only guaranteed if the yellow protective bag, in which the engine is wrapped up, is not damaged or broken.

4.2 Storage up to 6 months

Following note is amended to read:



This procedure is only applicable for an engine, which is installed.

The existing list is amended to read:

- Perform an engine oil and filter change according to Maintenance Manual E4.08.04
- Add a volatile corrosion inhibitor (VCI) lubricating liquid as a concentrate (e.g. FUCHS ANTICORIT VCI UNI O 40) to the engine oil.



Refer to the product data sheet for the determination of the appropriate quantity. The volume, which needs to be protected, is 10 litres or 0.01 cubic metres.

- Check coolant level – if necessary correct the coolant level.
- Ground run:
 - Warm up the engine according to chapter 5.1.2 and chapter 5.1.3
 - 100% load until 100 °C (212 °F) oil temperature.
 - 1 minute 100% load.
 - 1 minute idle power.
 - Shut down.
- Relieve V-belt tension – refer to Maintenance Manual E4.08.04 performing steps 1 and 2 of the relevant chapter
- Close engine openings airproof.

4.4 Engine depreservation

The existing list is replaced by the following:

- Remove all covers from engine openings
- Install V-belt – refer to Maintenance Manual E4.08.04
- Perform an engine ground run according to chapter 4.2

5. Operating Instructions

5.1.3 Warm Up

The existing list is amended to read:

4. Thereafter power as required, max. 50 % load until oil temperature $>50\text{ }^{\circ}\text{C}$ ($> 122\text{ }^{\circ}\text{F}$) and coolant temperature $>60\text{ }^{\circ}\text{C}$ ($> 140\text{ }^{\circ}\text{F}$) and Gearbox oil temperature $>35\text{ }^{\circ}\text{C}$ ($> 95\text{ }^{\circ}\text{F}$).