

TEMPORARY REVISION

OM-TR-MDC-E4-359a Supersedes OM-TR-MDC-E4-359

EECU Software VC33_x_05_19

This Temporary Revision OM-TR-MDC-E4-2359 is approved in conjunction with the Design Change Advisory MDC-E4-359 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	5 8	3a 1a

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

5. Operating Instructions

Following chapter is added:

5.3 Restart in flight



It is not recommended to shut-off a servicable engine in flight for any reason.

The following procedure is recommended to restart an engine in flight:



In case of an engine malfunction determine the root cause and only continue in case a safe restart is possible.

5.3.1 Restart of engine by windmilling (ONLY FOR EMERGENCY)

- Max. demonstrated altitude for immediate restart by windmilling: 15.000ft
- Max. demonstrated altitude for restart after 10 min. and ambient air temperature higher than ISA by windmilling: 10.000ft
- Max. demonstrated altitude for restart after 5 min. and ambient air temperature between ISA and ISA minus 10 °C by windmilling: 10.000ft
- Max. demonstrated altitude for restart after 2 min. and ambient air temperature below ISA minus 10 °C by windmilling: 10.000ft
- Airspeed: see applicable Aircraft Flight Manual
- Power Levers – “IDLE”
- Engine Master – “ON”.

5.3.2 Restart of engine by starter

- Max. demonstrated altitude for immediate restart by starter: 15.000ft
- Max. demonstrated altitude for restart after 10 min. and ambient air temperature higher than ISA by starter: 10.000ft
- Max. demonstrated altitude for restart after 5 min. and ambient air temperature between ISA and ISA minus 10 °C by starter: 10.000ft
- Max. demonstrated altitude for restart after 2 min. and ambient air temperature below ISA minus 10 °C by starter: 10.000ft
- Airspeed: see applicable Aircraft Flight Manual
- Power Levers – “IDLE”
- Engine Master – “ON”
- Engage starter of engine (Key).



Move power lever slightly forward to a power rating assuring that the referring engine is delivering thrust, as a rotating propeller is not a guarantee for a running engine.

8. Additional Information

8.1 Propeller Self Test (Automatic Run-Up Test)

The existing list is replaced by the following:



- Aircraft on the ground.
- Prop speed = idle (below 1150rpm).
- Power lever = idle (below 5% power lever position).
- No errors pending.
- Self test button active (and pressed during the whole test run).
- Gearbox oil temperature above 35°C