

Subject: Bug fix power-plant instrument

Applicability: **ASH 31 Mi**; Type-Certificate EASA.A.538; all models; all serial numbers, which are equipped with the smaller power-plant instrument (instrument diameter 57 mm) since new or by application of TN 4

Classification: Minor Change

Urgency: optional, standard on new production
In case of incorrect indication of cooling air or liquid coolant temperature or current fuel consumption.

Reason: Product improvement
Due to an incorrect placement of the power-plant instrument by the supplier ILEC, the liquid coolant and cooling air temperature as well as the current fuel consumption may be displayed incorrectly. Further, an error in the software version S0.03 was discovered during a more detailed investigation of the problem, which can lead to a sporadic incorrect display of the liquid coolant temperature.¹

Action: A) Correction of the placement
Power-plant instruments with the hardware version H3.06, delivered between 12.06.2020 and 12.09.2022 (new production as well as spare parts) may have an incorrect placement.
To detect whether or not there is a faulty placement, the affected power-plant instruments must be dismantled and sent to Alexander Schleicher GmbH & Co. for inspection and, if necessary, correction of the placement. Checked devices are marked on the back of the power-plant instrument, on which the type plate is also located, with a label "Hardware nach TM 15 überprüft."
B) Software update
The power-plant instrument is dismantled and sent to Alexander Schleicher GmbH & Co. for modification of the software. It is updated to the new software version S0.07.
The new software version is also compatible with all older hardware versions.


Material and Drawings: See Action

Mass and Balance: No change in mass and C. of G. position.

Notes: The action has to be considered as a non-complex maintenance task regarding aviation law. The respective regulations must be applied.
The hardware and software version are not marked on the device, as it can be read out on the display. The correction of the placement does not result in a new hardware version, the correct type design is restored only.

Poppenhausen, 02.03.2023

Alexander Schleicher
GmbH & Co.

i.A. 
(P. Anklam)

This Technical Note bases on a change, which was approved by EASA under the minor change approval EASA 10081362.

¹ Older software versions do not have this error.