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SERVICE LETTER

SL No. **L-410/012**

Aeroplane Type: **L-410**

Model(s): **L 410 UVP-E20
with H80-200 engines**

Date of Issue: **Feb 05, 2024**

Reason: Occurrence of the inter turbine temperature (ITT) exceeding during the engine starting.

Description: Adjustment of engine starting procedure presented in airplane flight manual.

This service letter is issued to inform operators of the L-410 UVP-E20 aircraft with H80-200 engines about adjustment of engine starting procedure stated in airplane flight manual.

During engine starting the flight crew shall continually monitor gas generator speed rise and ITT rise.

According to current procedure for engine starting stated in airplane flight manual, in case that gas generator speed raise slowly or it tends to get hanging, it is allowed to slightly increase the fuel flow rate for gas generator speed rise by means of power control lever movement. As the gas generator speed begins to rise continuously, the power control lever shall be moved back to the idle position.

But in such case ITT can rise faster and it can exceed permitted value for starting 730 °C. To avoid ITT max exceeding, it is strictly recommended to the flight crew not to use power control lever to increase gas generator speed during starting sequence. If the gas generator speed hanging occurs and ITT rises with such a rate that maximum permitted ITT value for starting 730°C could be exceeded, abort starting procedure and perform dry motoring run prior to next engine starting.