

ULPOWER AERO ENGINES N.V.

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SERVICE BULLETIN

Service Bulletin No. 2022-01

SUBJECT: Throttle position sensor signal error

MODELS AFFECTED: All models of engines with a hall Throttle Positions Sensor (TPS)

AFFECTED SERIAL NUMBER: Serial numbers from 200601 till 222001, and those who have changed their hall sensor TPS/ throttle body between February 2020 and March 2022

TIME OF COMPLIANCE:

- A. If experiencing issues, before next flight.
- B. If not yet flying, before first flight.
- C. If flying without issues, in accordance with proposed time schedule. (see below)

ENCOUNTERED PROBLEM :

Field experience has shown on a very small number of installations an issue resulting in an incorrect signal from the TPS signal reaching the ECU. In such cases the safety mode features in the ECU illuminate the engine check light which will flash irregularly or permanently but the engine will continue to run. When using the ULRead software it will show a TPS error and you may experience an engine stutter / see black smoke out of the exhaust due to resultant mixture changes.

REQUIRED ACTIONS:

Out of precaution, ULPower Aero Engines have decided to replace all TPS which may be affected. Because of the limited number of sensors available at this moment, we will handle this matter in a phased manner.

PHASE 1

- If you are already flying and have experienced engine stutters/warning light, please contact the factory at info@ulpower.com. Your recall will be scheduled as priority.



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PHASE 2

- If you are already flying but have not experienced any problems, please contact the factory at info@ulpower.com. Your recall will be scheduled as expediently as possible.

PHASE 3

- If you are not flying yet, please contact your dealer. Your recall will be scheduled as expediently as possible.

PROCEDURE

Once you have registered your claim, you will be sent instructions on how to remove and package your Throttle body/TPS, along with a return authorisation document to complete and a return address label to print out.

You will then ship your throttle body/TPS to a designated centre (ULPower Belgium or a local dealer depending on materials availability)

After your TPS has been inspected/replaced and checked for operation it will be returned with instructions for re-installation.

Removal and reinstallation of the Throttle body should only be undertaken by competent persons and will require entry into the relevant log book, as required under local regulations.



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