

SUBJECT: PILATUS RECOMMENDATION TO PREVENT CONTAMINATION OF THE AIRCRAFT FUEL TANKS WITH WATER AND BIOLOGICAL CONTAMINATION

To all Customers, Operators and Service Centers:

Date: Aug 31/22

Effectivity: All PC-12/47E Series Aircraft MSN 1720, 2001 and Up.

This Service Letter is issued to draw attention to precautions which may prevent contamination of the aircraft fuel tanks with water. Water in fuel can potentially reduce safety of flight and additional measures may assist in eliminating this risk.

Pilatus advises that operators follow these recommendations:

- If feasible avoid low fuel contents in the aircraft fuel tanks for overnight parking. Keep the aircraft fuel tanks nearly full if the aircraft is in storage for a longer period. Leave some room for fuel expansion due to possible temperature increase. This prevents condensation of water in the fuel tanks and removes favorable conditions for microbiological growth in the fuel tanks
- Drain water contamination in the fuel tanks in accordance with the preflight inspection in the AFM Section 4
- Make sure that adequate procedures are in place to prevent biological contamination of the aircraft fuel tanks. Regular aircraft fuel tank inspections should be done in accordance with the scheduled maintenance requirements defined in the Aircraft Maintenance Manual (AMM) Chapter 5. For any other refuel tank or storage facility, regular inspections should be defined
- If biological contamination is detected in the airport fuel facilities or the aircraft fuel tanks, Pilatus recommends the operators to implement procedures to make sure that fuel from these contaminated fuel tanks is not used before the tanks are cleaned
- For the procedure to analyze the aircraft fuel tank contamination refer to AMM 12-C-28-00-00-00A-377A-A
- For the procedure to remove contamination from the aircraft fuel tank, refer to AMM 12-C-28-00-00-01A-901A-A.

Pilatus is confident that the recommended actions stated above will prevent fuel containing biological contaminants from being used in the PC-12/47E aircraft.

Operators that require additional information should contact their authorized Pilatus Service Center, or Pilatus Customer Support on www.pilatus-aircraft.com → contact us.

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