

SUBJECT: ICING CERTIFICATION TESTING - ICE CONTAMINATED TAILPLANE STALL

To all Customers, Operators and Service Centers:

Date: Nov 25/16

Effectivity: All PC-12, PC-12/45, PC-12/47 and PC-12/47E aircraft.

This Service Letter is issued to clarify the icing certification testing carried out during certification for PC-12 series aircraft.

A recent Federal Aviation Administration (FAA) learning video about "Ice Induced Stall" and the FAA Advisory Circular AC 91-74B would indicate that aircraft certified at or before 1994 may not have been tested for susceptibility to Ice-Contaminated Tailplane Stall (ICTS).

The FAA Advisory Circular AC 91-74B states on page 28:

"(3) Airplanes certified for flight in icing after 1994 have been tested for susceptibility to Ice-Contaminated Tailplane Stall (ICTS). ICTS cannot occur if AFM limitations and procedures are followed."

Pilatus Aircraft Ltd. advise that PC-12 series aircraft were certified for flight into known icing conditions in 1995 and have been thoroughly tested for ICTS. Limitations to avoid tailplane stalls are incorporated into the Aircraft Flight Manual (AFM).

Operators who require further information on this subject should contact the address given below.

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