

**SUBJECT: ELECTRICAL LOAD ANALYSIS FOR SHOWING COMPLIANCE WITH PART 135.163(F)(2)**

Date: Sep 01/17

To all Customers, Operators and Service Centers:

Effectivity: All PC-12, PC-12/45 and PC-12/47 aircraft, MSN 101 - 888.

This Service Letter is issued to inform customers of an Electrical Load Analysis (ELA) calculator in Excel format, Document No. ELA-12-01258 which can be used to show compliance with the FAA regulation 14CFR Part 135 §135.163(f)(2). See the FAA InFO 17011 for further information.

The first worksheet of the ELA calculator is based on the production series PC-12/47 Series 10A aircraft (MSN 684 -888), it therefore reflects:

- The electrical distribution architecture of the PC-12/47 Series 10A
- All basic equipment installed on the PC-12/47 Series 10A
- All Pilatus Factory Options available for the PC-12/47 Series 10A.

In the cases where common equipment has been superseded from earlier series aircraft, the ELA calculator always reflects the equipment that has the highest power consumption. The electrical load determined by the above arrangement represents an aircraft with the maximum possible electrical load, and therefore this ELA calculator is applicable to all PC-12 aircraft in the MSN range 101 - 888.

The second worksheet of the ELA calculator allows the user to amend the calculations to reflect the actual configuration of installed equipment on one particular aircraft.

The ELA calculator is available for download from:

[www.pilatus-aircraft.com](http://www.pilatus-aircraft.com) -> Menu -> Customer Support -> MyPilatus Customer Portal -> Fleet MSN 101-888 -> IETP Doc 02216 -> Additional Technical Information.

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

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**Attachments: None**

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