



U.S. Department
of Transportation
**Federal Aviation
Administration**

Small Airplane Standards Branch
Policy & Innovation Division
901 Locust, Room 301
Kansas City, Missouri 64106

May 31, 2019

Rebecca Gravina
Director - Airworthiness and Services Department
Pilatus Aircraft Ltd.
P.O. Box 992
CH-6371 Stans, Switzerland

Subject: Global Alternative Method of Compliance (AMOC), Airworthiness Directive (AD) 2016-26-08, Amendment 39-18766, Directorate Identifier 2016-CE-015-AD, for all Pilatus PC-12, PC-12/45, PC-12/47 and PC-12/47E Model Airplanes

Dear Ms. Gravina:

This is in response to your letter, dated June 3, 2019 (but sent by email 5/31/19) to Mr. Doug Rudolph, Aerospace Engineer of the Small Airplane Directorate, requesting a Global Alternative Method of Compliance (AMOC) to Airworthiness Directive (AD) 2016-26-08, paragraphs (f)(1)(i) and (f)(1)(ii). *Note: your subject line incorrectly called out paragraph (F)(2)(3).* The requested AMOC is to allow the use of later revisions of the PC-12 airplane maintenance manuals (AMM) and corresponding Limitation Sections than what is required by the AD 2016-26-08.

The current wording of AD 2016-26-08 Paragraph (f)(1) states for all PC-12, PC-12/45, PC-12/47 and PC-12/47E airplanes:

“(1) Before further flight after February 9, 2017 (the effective date of this AD), insert the following revisions into the Limitations section of the FAA-approved maintenance program (e.g., maintenance manual). Compliance with an electronic version of the Limitations section is acceptable provided the specifically referenced sections are followed even though there may be differences with the pagination:

- (i) STRUCTURAL, COMPONENT AND MISCELLANEOUS–AIRWORTHINESS LIMITATIONS, Data module code 12-A-04-00-00-00A-000A-A, dated July 12, 2016, of the Pilatus Model type–PC-12, PC-12/45, PC- 12/47 MSN-101-888, Aircraft Maintenance Manual (AMM), Document No. 02049, 12-A-AM-00-00-00-I, revision 32, dated July 18, 2016; and*
- (ii) STRUCTURAL AND COMPONENT LIMITATIONS–AIRWORTHINESS LIMITATIONS, Data module code 12-B-04-00-00-00A-000A-A, dated July 19, 2016, of the Pilatus Model type–PC-12/47E MSN-1001-UP, Aircraft Maintenance Manual (AMM), Document No. 02300, 12-B-AM-00-00-00-I, revision 15, dated July 30, 2016.”*

Per your letter, the PC-12, PC-12/45, PC-12/47 AMM Document No. 02049, with the above referenced data modules as stated in the AD was at Revision 32, dated July 18, 2016, while the PC-12/47E AMM Document No. 02300 was at revision 15, dated July 30, 2016.

An AMOC dated July 6, 2018 was issued allowing the use of the Data Module **DM 12-A-04-00-00-00A-000A-A**, dated **2018-05-24** that is part of the PC-12, PC-12/45, PC-12/47 AMM Doc No. 02049 Revision 36 dated May 30, 2018, and Data Module **DM 12-B-04-00-00-00A-000A-A**, dated **2018-05-24** that is part of the PC-12/47E AMM Doc No. 02300 Revision 19 dated May 30, 2018 as an alternative means of compliance.

The AMMs were since then revised and the latest revision for the AMM PC-12, PC-12/45, PC-12/47 Doc No. 02049 is revision 38 dated May 17, 2019, while the AMM PC-12/47E Doc No. 02300 is at revision 21 dated May 17, 2019.

You are now requesting an AMOC to paragraph (f)(1) of AD 2016-26-08 so that US operators can use the AMMs at the latest revisions; for the AMM PC-12, PC-12/45, PC-12/47 Doc No. **02049** at **revision 38 dated May 17, 2019**, and the AMM PC-12/47E Doc No. **02300** at **revision 21 dated May 17, 2019**, with revised Airworthiness Limitation Sections as listed below.

- PC-12, PC-12/45, PC-12/47 AMM Doc No. 02049, Data Module **DM 12-A-04-00-00-00A-000A-A**, "STRUCTURAL, COMPONENT AND MISCELLANEOUS AIRWORTHINESS LIMITATIONS," dated **2018-05-24**, and
- PC-12/47E AMM Doc No. 02300, Data Module **DM 12-B-04-00-00-00A-000A-A**, "STRUCTURAL, COMPONENT AND MISCELLANEOUS AIRWORTHINESS LIMITATIONS," dated **2018-05-24**.

The Federal Aviation Administration directly approved the above listed PC-12 limitations dated 2018-05-24 during FAA validation project AT01014CE-A.

The FAA has reviewed and agrees with your request for US operators to use the above referenced latest revisions of the AMMs, which include the chapter 4, "STRUCTURAL, COMPONENT AND MISCELLANEOUS AIRWORTHINESS LIMITATIONS", data modules that are associated with each of the PC-12 AMMs revisions, as an AMOC to AD 2016-26-08 paragraphs (f)(1)(i) and (f)(1)(ii). To summarize:

- Data Module **DM 12-A-04-00-00-00A-000A-A**, dated **2018-05-24** is part of the PC-12, PC-12/45, PC-12/47 AMM Doc No. **02049** at **revision 38 dated May 17, 2019**, and
- Data Module **DM 12-B-04-00-00-00A-000A-A**, dated **2018-05-24** is part of the PC-12/47E AMM Doc No. **02300** at **revision 21 dated May 17, 2019**.

Before using this AMOC, operators are to notify their appropriate principal inspector (PI), or lacking a principal inspector, the manager of the local flight standards district office/certificate holding district office. This approval is subject to the following conditions:

1. The Small Airplane Standards Branch (previously known as Small Airplane Directorate) will revoke this AMOC, if the Small Airplane Standards Branch later determines that this AMOC does not provide an acceptable level of safety.
2. All provisions of AD 2016-26-08 that are not specifically referenced above remain fully applicable and must be complied with accordingly.
3. A copy of this letter is to be kept with the airplane logbook.

This AMOC is transferable.

If you have any questions or require additional information, please contact Mr. Doug Rudolph by telephone at 816-329-4059, by fax at 816-329-4090, or by email at Doug.Rudolph@faa.gov

Sincerely,



Jacqueline Jambor
Manager, Project Support Branch, AIR-692