



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

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

October 4, 2017

Othmar Ziörjen
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) 2017-11-16, Amendment 39-18915, Directorate Identifier 2017-CE-006-AD, for all Pilatus PC-12/47E Model Airplanes

Dear Mr. Ziörjen:

This is in response to your letter, dated October 4, 2017, to Mr. Doug Rudolph, Aerospace Engineer of the Small Airplane Directorate, requesting a Global Alternative Method of Compliance (AMOC) to Airworthiness Directive (AD) 2017-11-16, paragraph (f). The requested AMOC is to allow removal of the Pilatus PC-12/47E Document No. 02277, Airplane Flight Manual (AFM) TR 38 after operators incorporate the upgraded Primus APEX Software (Build 11) when they accomplish Pilatus SB 45-015. Currently this AFM TR 38 is required to be incorporated into the AFM per AD 2017-11-16 paragraph (f).

The current wording of AD 2017-11-16 Paragraph (f) states for all PC-12/47E airplanes with Primus APEX Software Build 10 with Honeywell part number (P/N) EB60000487-0110 or Primus APEX Software Build 10.9 with Honeywell P/N EB60000487-0112 installed:

“Unless already done, within 30 days after July 13, 2017 (the effective date of this AD), insert Temporary Revision No. 38 to PC-12/47E Pilot's Operating Handbook, Airplane Flight Manual 02277, Section 2–Limitations, Report No: 02277, dated February 8, 2017. Note 1 to paragraph (f) of this AD: For airplanes affected by this AD, the Pilot's Operating Handbook and the Airplane Flight Manual are the same document with the Report No.: 02277.”

Per your letter, the PC-12/47 AFM Document No. 02277, referenced above in the AD was at Revision 16, dated September 15, 2016. The AFM TR 38 was dated February 8, 2017.

Since the issue of the AD 2017-11-16, Pilatus has released the Service Bulletin (SB) 45-015 dated August 21, 2017, which upgrades the Primus APEX Software Build 10.7 (Build 10) {with Honeywell P/N EB60000487-0110} or Primus APEX Software Build 10.9 (Build 10.9) {with Honeywell P/N EB60000487-0112} to Primus APEX Software Build 10.11 (Build 11) with Honeywell P/N EB60000487-0113. This upgrade fixes the VGP approach

deviation drift along with other items when the SB 45-015 is incorporated. After the SB incorporation, the AFM TR 38 can then be removed.

You are requesting the FAA to consider and approve the following as an alternative means of compliance (AMOC) to the AD 2017-11-16:

- Embodiment of Pilatus SB 45-015 thereby upgrading to Primus APEX Software Build 10.11 (Build 11) with Honeywell P/N EB60000487-0113, thus also eliminating the requirement for AFM TR 38.

The FAA has reviewed and agrees with your request to allow operators to remove the PC-12/47 AFM Document No. 02277, TR 38 dated February 8, 2017 after accomplishment of Pilatus PC-12 SB 45-015 dated August 21, 2017 or later issues.

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 2017-11-16 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 Section, AIR-692

for