



United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

Number SA00349BO

This certificate issued to:

Innovative Solutions & Support
720 Pennsylvania Drive
Exton, PA 19341

certifies that the change in the type design for the following product with the limitations and conditions therefore as specified hereon meets the airworthiness requirements of Part 23 of the Federal Aviation Regulations.

Original Product Type Certificate Number: A78EU
Make: Pilatus Aircraft Limited
Model: PC-12, PC-12/45, PC-12/47

Description of Type Design Change:

Installation of a Flat Panel Display System (FPDS) in accordance with Master Drawing List, 1D-10407, Rev. 2, dated November 14, 2013

Limitations and Conditions:

- 1. Operation must be in accordance with the Airplane Flight Manual Supplement (AFMS), 1D-09976, Rev. 1, dated August 13, 2013 or later FAA-approved revision. This AFMS must be carried on the aircraft during all flights.

Continued on Page 3

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, and revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of Application: February 14, 2013

Date reissued:

Date of Issuance: December 5, 2014

Date amended:

By direction of the Administrator

Signature Robert G. Mann

Title Manager, Boston Aircraft Certification Office

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both. This certificate may be transferred or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120).

**SUPPLEMENTAL TYPE CERTIFICATE, FAA FORM 8110-2
(CONTINUED)**

INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Aircraft Certification Office of the transfer of this Supplemental Type Certificate. The FAA will reissue the certificate in the name of the transferee and forward it to him.

*TRANSFER
ENDORSEMENT*

*Transfer the ownership of Supplemental Type Certificate
Number:*

To *(Name of transferee)*

(Address of transferee)

(Number and street)

(City, State, and ZIP Code)

From *(Name of
grantor)*

(Address of grantor)

(Number and street)

(City, State, and ZIP Code)

Extent of Authority (if licensing agreement):

Date of Transfer:

Signature of grantor:



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Limitation and Conditions (continued):

2. Maintenance must be in accordance with Instructions for Continued Airworthiness 15.6-Inch Flat Panel Display Instructions Pilatus PC-12, 1D-09979, Rev. 2, dated July 11, 2013 or later FAA-approved revision.
3. The FAA has not evaluated the airworthiness of this installation with any video image displayed on the flight displays. Additional approvals are necessary to make use of that feature of the FPDS.
4. Compatibility of this design with previously approved modifications must be determined by the installer.

Certification Basis:

Based on 14 CFR § 21.115 and § 21.101, and the FAA policy for design changes that are identified as not significant in FAA Order 8110.48, the certification basis for the Make Model aircraft is as follows:

- a. The type certification basis for parts **not changed or not affected** by the change is shown on the applicable TCDS.
- b. The modification certification basis for parts **changed or affected** by the change since the reference application date, February 14, 2013, is based upon part 23 as amended by Amendment 23-62 as follows:

Regulations at the latest amendment 23-0 through 23-62

23.29(a)(b), 23.301(a)(b)(c)(d), 23.303, 23.305(a)(b), 23.307(a), 23.337(a)(1)(2)(b)(1), 23.561(a)(b)(3), 23.601, 23.603(a), 23.607(a)(b)(c), 23.613(a)(b)(c)(d), 23.619(a)(b)(c), 23.623(a), 23.625(a)(b)(c), 23.773(a)(2), 23.853(a)(d)(3)(f), 23.867(a)(b)(c), 23.1301, 23.1303, 23.1306, 23.1308(a), 23.1309(a)(c)(d), 23.1310(a)(1)(2)(4)(b), 23.1311(a)(b), 23.1321(a)(c)(d)(e), 23.1322, 23.1329(h), 23.1331, 23.1335, 23.1351(a)(b), 23.1353(h)(1)(ii), 23.1357(a)(b)(c)(d), 23.1359(c), 23.1365(a)(b)(d)(e)(f), 23.1381(a), 23.1431(a)(b), 23.1523(b), 23.1529, 23.1543(b)(c), 23.1545(a)(b)(1)(2)(3)(4)(c)(d), 23.1555(a), 23.1581(a)(b)(1)(3)(c)(f), 23.1583(h)(m), 23.1585(j)

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Regulations at an intermediate amendment

None

Regulations at the amendment level in the applicable TCDS

None

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