

United States Of America
Department of Transportation - Federal Aviation Administration
Supplemental Type Certificate

Number SA00321BO

This Certificate issued to Pro Star Aviation
5 Industrial Drive
Londonderry, NH 03053

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

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

Description of Type Design Change:

Installation of a Thrane & Thrane AVIATOR 200 SwiftBroadband System in accordance with Pro Star Aviation Installation Data List 21037-IDL-01, Revision D, dated November 14, 2012, or later FAA-approved revision.

Limitations and Conditions:

1. The Airplane Flight Manual Supplement, Pro Star Aviation Document 21037-FMS-01, Revision A, dated November 19, 2012, or later FAA-approved revision must be carried in the aircraft during all flights.
2. The Instructions for Continued Airworthiness, Pro Star Aviation Document 21037-ICA-01, Revision B, dated November 6, 2012, or later FAA-approved revision must be made available to the operator at the time of the installation.

(See continuation on page 3 of 3)

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

Date of application: May 5, 2011

Date reissued

Date of issuance: March 19, 2012

Date amended: November 26, 2012



By direction of the Administrator

(Signature)

Michael E. Touchette
ODA Administrator
ODA-833063-NE
Pro Star Aviation, LLC

(Title)

INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Regional Office of the transfer of the 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) (Print or type) _____

(Address of grantor) _____
(Number & street)

(City, State, and ZIP code)

Extent of Authority (if licensing agreement): _____

Date of Transfer: _____

Signature of grantor (In ink): _____

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Supplemental Type Certificate
(Continuation Sheet)

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Limitations and Conditions (continued):

3. The installer must determine whether this design change is compatible with previously approved modifications.
4. If the holder agrees to permit another person to use this certificate to alter a product, the holder must give the other person written evidence of that permission.
5. The data services provided by the installed system are intended for internet connection and email services using portable electronic devices. Any other intended function using the system's data service will require a re-examination of the certification basis.

Certification Basis

Based on 14 CFR §§ 21.115 and 21.101, and FAA Order 8110.48 policy for non-significant changes, the certification basis for the installation of the Thrane & Thrane AVIATOR 200 SwiftBroadband System in Pilatus PC-12/45, PC-12/47, and PC-12/47E aircraft is as follows:

- a. The type certification basis for Pilatus PC-12/45, PC-12/47, and PC-12/47E aircraft is shown in TCDS A78EU for parts not changed or not affected by the change.
- b. The certification basis for parts changed or affected by the change is as follows:

Regulations at the amendment level in TCDS A78EU

For all models:

14 CFR §§ 23.1, 23.3, 23.29, 23.251, 23.303, 23.307, 23.321, 23.341, 23.561(a)(b(1))(c(1)(2))(d)(e), 23.601, 23.603, 23.605, 23.609, 23.611, 23.619, 23.623, 23.625, 23.627, 23.771, 23.853, 23.867, 23.1301, 23.1309, 23.1322(d), 23.1351, 23.1357(c), 23.1367, 23.1381, 23.1419, 23.1501, 23.1529, 23.1541, 23.1581, G23.1 – G23.4.

For PC-12/47E model:

14 CFR §§ 23.301, 23.305, 23.561(b(2)(3))(c(3)), 23.613, 23.629, 23.773, 23.1322(e), 23.1357(a), 23.1365(b)(d)(e), 23.1431

Regulations at an amendment level 23-49

For all models:

14 CFR §§ 23.1359

For PC-12/45 and PC-12/47 models:

14 CFR § 23.301

14 CFR § 23.305

14 CFR § 23.561(b(2)(3))(c(3))

14 CFR § 23.571

14 CFR § 23.613

14 CFR § 23.629

14 CFR § 23.773

14 CFR § 23.1322(e)

14 CFR § 23.1357(a)

14 CFR § 23.1359

14 CFR § 23.1365(b)(d)(e)

14 CFR § 23.1431

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Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.