



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

Aircraft Certification Service
Compliance & Airworthiness Division

Seattle ACO Branch
1601 Lind Avenue Southwest
Renton, WA 98057-3356

SEP 14 2017

In Reply
Refer To: 781-17-577

Mr. Dean Wilkinson
Chief Technical Officer
AeroLEDs
8475 W. Elisa St.
Boise, ID 83709

Dear Mr. Wilkinson:

After an internal review, it has been determined that there is a need to reissue your Supplemental Type Certificate (STC) SA02558SE to correct the name to AeroLEDs, LLC, and to add all models identified on Type Certificate Data Sheet A78EU. We find that you have satisfactorily demonstrated compliance with the applicable certification regulations. Accordingly, we have enclosed STC SA02558SE, dated September 14, 2017, for the installation of a Light Emitting Diode Landing and Taxi Light in accordance with Pilatus Landing and Taxi Light Master Drawing List 3000-0014, Revision IR, dated February 14, 2017, or later Federal Aviation Administration (FAA) approved revision.

This STC is official FAA approval for your installation and may be used to authorize identical installations on other aircraft of the same model. It may be transferred or otherwise made available to another party by means of a licensee arrangement in accordance with Title 14 Code of Federal Regulations (CFR) section (§) 21.47. You are required to advise this office prior to the transfer, when you transfer or grant licensee rights to the STC, in order that we may take the necessary recording or reissuance action.

If you agree to permit another person to use this STC to alter the product, it is your responsibility to give the other person written evidence of that permission in the form of a "permission statement." This permission statement should contain the agreement specifying the product to be altered, the STC number, and the person who is being given the consent to use the STC.

As recipient of this approval, except as provided in § 21.3(d), you are required to report any failure, malfunction, or defect in any product or article manufactured by you that you have determined has resulted or could result in any of the occurrences listed in § 21.3(c). The report should be communicated initially by telephone to the Manager, Systems and Equipment Section, AIR-783, telephone number (425) 917-6400, within 24 hours after it has been determined that the failure has occurred. In addition, written notification to the Manager, Seattle ACO Branch, AIR-780, at the above address is required. FAA Form


8010-4 (Malfunction or Defect Report) or any other appropriate format is acceptable in transmitting the required details.

If you plan to manufacture replacement or modification articles for sale in conformance with approved data listed on the certificate, a parts manufacturer approval (PMA) may be applied for under the provisions of § 21.303 and issued after establishing compliance with § 21.307 and § 21.308. The identification requirements for articles produced under a PMA are in § 45.15. Your application may be in letter form, with reference to the STC number, and should be addressed to the Federal Aviation Administration, Northwest Mountain Region, Attention: Manager, Seattle MIDO Section, 1601 Lind Ave SW, Renton, Washington 98057-3356.

Since I am very much interested in the service we provide to the aviation community and the general public, it would be helpful if you would provide your thoughts and comments regarding how the approval process went. To gather this information, we have provided this letter and its enclosures electronically and also attached a short survey that I hope you will fill out and return via e-mail as indicated on the survey. Please make the subject line of the return e-mail read "Survey" to ensure proper receipt. You may rest assured that your comments will receive my full attention and that I will hold your comments in strict confidence, should you request I do so. Please note that this stakeholder survey is common to all Aircraft Certification offices within the FAA's Aircraft Certification Service and is aimed at enabling the Aircraft Certification Service to deliver the best services to each of our stakeholders.

Sincerely,



 Ross Landes
Manager, Seattle ACO Branch
Compliance & Airworthiness Division
Aircraft Certification Service

Enclosure

United States of America
Department of Transportation - Federal Aviation Administration

Supplemental Type Certificate

Number SA02558SE

This certificate, issued to

AeroLEDs, LLC
8475 W. Elisa St.
Boise, ID 83709

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
Model: PILATUS PC-12, PILATUS PC-12/45,
PILATUS PC-12/47, PILATUS PC-12/47E

Description of the Type Design Change: Installation of a Light Emitting Diode (LED) Landing and Taxi Light in accordance with Pilatus Landing and Taxi Light Master Drawing List 3000-0014, Revision IR, dated February 14, 2017, or later Federal Aviation Administration (FAA) approved revision. Maintained in accordance with Instructions for Continued Airworthiness (ICA) in the Installation Guide Document 3000-0010, Revision A, dated February 10, 2017, or later FAA-accepted revision. Operated in accordance with previously approved Airplane Flight Manual (AFM) Report Number 02211, Revision 12, dated November 25, 2016, or later FAA-approved revision.

Limitations and Conditions: Approval of this change in type design applies to the above model aircraft only. This approval should not be extended to other aircraft of this model series unless the installer determines that the relationship between this change and any other previously incorporated approved modifications will introduce no adverse effect upon the airworthiness of that aircraft.

A copy of this certificate, the ICA, and the AFM must be maintained as part of the permanent records for the modified aircraft.

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: October 14, 2016

Date reissued: September 14, 2017

Date of issuance: August 30, 2017

Date amended:



By direction of the Administrator

[Signature]
(Signature)

[Signature]
Manager, Seattle ACO Branch
(Title)

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). This certificate may be transferred in accordance with FAR 21.47.

AeroLEDs, LLC
8475 W. Elisa St.
Boise, ID 83709
Phone: (208) 867-1319

Document 3000-0014
Revision: IR
Release Date: 02/14/2017

Pilatus Landing and Taxi Light Master Drawing List:

Drawing Number, Revision and Date:	Description:
900-01-100-A, Rev. A 02/14/2017	Pilatus Landing Light Top Level Drawing
900-01-100-B, Rev. A 02/14/2017	Pilatus PC-21 Taxi Light Top Level Drawing
900-01-100-C, Rev. A 02/14/2017	Pilatus PC-12 Taxi Light Top Level Drawing
900-01-101, Rev. A 02/14/2017	Heatsink-PAC, Machined
01-1133-A, Rev. A 02/14/2017	Lens-Cover, Landing
01-1133-B, Rev. A 02/14/2017	Lens-Cover, Taxi, 0Deg
01-1133-B1, Rev. A 02/14/2017	Lens-Cover, Taxi, 90Deg
01-1135-A, Rev. B 02/14/2017	PCA-Main, LTL
01-9099, Rev. A 02/14/2017	Label, Pilatus Landing -A
01-9100, Rev. A 02/14/2017	Label, Pilatus Taxi -B
01-9101, Rev. A 02/14/2017	Label, Pilatus Taxi -C
3000-0003, Rev. D 02/10/2017	Pilatus Landing/Taxi ICD
3000-0010, Rev. A 02/10/2017	Pilatus Landing/Taxi Installation Guide
3000-0012, Rev. IR 09/29/2015	Pilatus Landing/Taxi Manufacturing and Assembly Process
3000-0014, Rev. IR 02/14/2017	Pilatus Landing/Taxi Master Drawing List