



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

**Transport Airplane Directorate
Aircraft Certification Service**

1601 Lind Avenue SW
Renton, Washington 98057-3356

MAR 12 2015

In Reply
Refer To: 130S-15-47

Mr. Dean Wilkinson
CTO
AeroLEDs LLC
8475 W. Elisa St.
Boise, ID 83709

Dear Mr. Wilkinson:

We have completed our evaluation of your request for an amended supplemental type certificate (STC), Project Number SA12349SE-A, for the replacement of existing landing and/or taxi light reflector and bulbs, per your letter, dated December 19, 2014. We find that you have satisfactorily demonstrated compliance with the applicable certification regulations. Accordingly, we have enclosed STC SA02386AK, dated March 11, 2015, for the installation in accordance with AeroLEDs Master Drawing List Document 0003-0001, Revision G, dated January 29, 2015, or later Federal Aviation Administration (FAA) approved revision. Due to the addition of additional type certificates allowed for this installation, we have also created an Approved Model List (AML) SA02386AK. Please also find enclosed AML SA02386AK, issued March 11, 2015.

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 Branch, ANM-130S, 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 Aircraft Certification Office, ANM-100S, 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 Manufacturing Inspection District Office, 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 enclosed a short survey (with a self-addressed, stamped envelope) that I hope you will fill out and return. You will note that the return envelope is addressed to me. 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 Aircraft
Certification Office

3 Enclosures

Supplemental Type Certificate

Number SA02386AK

This certificate, issued to

**AeroLEDs LLC
8475 West Elisa Street
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:

* See attached Federal Aviation Administration (FAA)

Make:

Approved Model List (AML) SA02386AK for approved

Model:

aircraft models and applicable airworthiness regulations

Description of the Type Design Change: Replacement of existing landing and/or taxi light reflector and bulbs with Light Emitting Diode lighting systems in accordance with AeroLEDs Master Drawing List (MDL) document as listed on AML SA02386AK and maintained in accordance with Instructions for Continued Airworthiness (ICA) document as listed on AML SA02386AK.

Limitations and Conditions: Approval of this change in type design applies to the aircraft listed on AML SA02386AK only. This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated unless it is determined by the installer that the relationship between this change and other previously approved modifications will introduce no adverse effect upon the airworthiness of that aircraft. A copy of this certificate, AML SA02386AK, the applicable MDL, and the applicable ICA must be maintained as part of the permanent records for the modified aircraft.

If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

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: January 7, 2010

Date reissued: November 4, 2013; May 22, 2014

Date of issuance: October 11, 2011

Date amended: March 11, 2015



By direction of the Administrator

Kenneth Penland
(Signature)

Manager, Seattle Aircraft Certification Office
(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 in accordance with FAR 21.47.