



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

Aircraft Certification Service

System Oversight Division  
Farmingdale/Saddle Brook MIDO Section  
7150 Republic Airport, Suite 236  
Farmingdale, NY 11735  
Phone: (631) 694-8420  
Fax: (631) 694-8424

May 11, 2018

Nicholas Michekinakis, President  
Aircraft Lighting International  
195 Engineers Road  
Hauppauge, NY 11788

FEDERAL AVIATION ADMINISTRATION-PARTS MANUFACTURER APPROVAL

Dear Mr. Michelinakis:

In accordance with the provisions of Title 14, Code of Federal Regulations (14 CFR), part 21, Certification Procedures for Products and Articles, subpart K, the FAA has found that the design data based on test and computations submitted with your letter dated February 13, 2018 meet the airworthiness requirements of the regulations applicable to the products on which the articles are to be installed. Additionally, the FAA has determined that Aircraft Lighting International has established the quality system required by 14 CFR § 21.307 at 195 Engineers Road, Hauppauge, NY, 11788. Accordingly, Parts Manufacturer Approval (PMA) is hereby granted for production of the replacement articles listed in the enclosed Supplement No. 14.

You are reminded that the provisions of 14 CFR parts 21 and 45 noted in our PMA letter of approval dated July 7, 2016 also apply to the enclosed PMA Listing-Supplement No. 14. The enclosed supplement should be retained with the original PMA letter as evidence of approval to produce the articles concerned.

Sincerely,

Mazdak Hobbi  
Manager, Farmingdale / Saddle Brook  
MIDO Section

Enclosure:  
PMA Listing-Supplement No. 14

cc: AIR-6D1

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Aircraft Lighting International  
195 Engineers Road  
Hauppauge, NY 11788

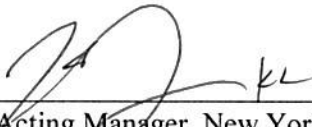
PMA NO. PQ2043NE  
SUPPLEMENT NO. 14  
DATE May 11, 2018

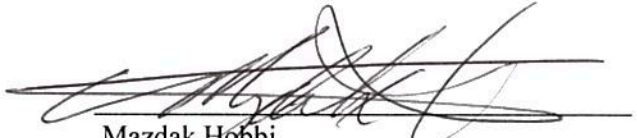
Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
AC Dimmer	N2402	AL-2402, AL-2502	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> N2402DO <u>Rev:</u> A <u>Date:</u> 08/22/2017 or later FAA-approved revisions	Bombardier, Inc.  The Boeing Company	BD-700-1A10 CL-600-2B16  737-700, serial no. 29233 only

-----END OF DATA-----

GENERAL NOTES:

- 1) Provide minor design changes in a manner as determined by the ACO. Handle major design changes to drawings and specifications in the same manner as that for an original FAA-PMA.
- 2) The FAA accepted the ICA approach for the above articles with their designs. These ICA may refer to those of the respective articles from the holders of type certificates. Otherwise, provide supplemental ICA for differences in the replacement articles. Make referral statements or supplemental ICA readily available per 14 CFR 21.50.

*For*   
\_\_\_\_\_  
Acting Manager, New York ACO Branch  
Compliance & Airworthiness Division

  
\_\_\_\_\_  
Mazdak Hobbi  
Manager, Farmingdale / Saddle Brook  
MIDO Section