



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

Aviation Safety

7150 Republic Airport, Suite 236  
Farmingdale, NY 11735

May 12, 2021

Mr. Nicholas Michelinakis, President  
Aircraft Lighting International  
195 Engineers Road  
Hauppauge, New York 11788

FEDERAL AVIATION ADMINISTRATION-PARTS MANUFACTURER APPROVAL

Dear Mr. Michelinakis:

Your application dated March 29, 2021 for Parts Manufacturer Approval (PMA) was processed via the streamlined process defined in the Memorandum of Understanding between Aircraft Lighting International and the FAA, revision A dated November 5, 2019. 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 computation, submitted with your letter dated April 14, 2021, 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 § 21.307 at 195 Engineers Road, Hauppauge, New York 11728. Accordingly, PMA is hereby granted for production of the replacement articles listed in the enclosed Supplement No. 32.

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. 32. The enclosed supplement should be retained with the original PMA letter as evidence of approval to produce the articles concerned.

Sincerely,

STEPHEN M KOWALSKI Digitally signed by STEPHEN M  
KOWALSKI  
Date: 2021.05.12 13:57:00 -04'00'

Stephen M. Kowalski  
Acting Manager, Farmingdale/Saddle Brook  
MIDO Section

Enclosure:  
PMA Listing-Supplement No. 32

cc: AIR-612

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Aircraft Lighting International  
195 Engineers Road  
Hauppauge, New York 11788

PMA NO. PQ2043NE  
SUPPLEMENT NO. 32  
DATE May 12, 2021

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
28VDC LED Bulb	B5031X	8GH409570-28, installed in Light Assembly, 2LA455032-70	Test and Computations per 14 CFR, § 21.303 <u>DWG No:</u> B5031XDO <u>Rev:</u> A <u>Date:</u> 03/01/2021 or later FAA-approved revisions	Bombardier Inc.	BD-100-1A10

----- 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.

**SHIVA LALL** Digitally signed by SHIVA LALL  
Date: 2021.05.11 13:43:34 -04'00'

For **Timothy J. Hadsall**  
Acting Manager, New York  
ACO Branch

**STEPHEN M KOWALSKI** Digitally signed by STEPHEN M  
KOWALSKI  
Date: 2021.05.12 13:36:12 -04'00'

**Stephen M. Kowalski**  
Acting Manager, Farmingdale/Saddle  
Brook MIDO Section