



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

Aviation Safety

7150 Republic Airport, Suite 236
Farmingdale, NY 11735

Mr. Nicholas Michelinakis, President
Aircraft Lighting International
195 Engineers Road
Hauppauge, New York 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 computation, submitted with your letter dated March 5, 2020, 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 11788. Accordingly, Parts Manufacturer Approval (PMA) is hereby granted for production of the replacement articles listed in the enclosed Supplement No. 33.

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

Sincerely,

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

Enclosure:
PMA Listing-Supplement No. 33

cc: AIR-612

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Aircraft Lighting International
 195 Engineers Road
 Hauppauge, NY 11788

PMA No.: PQ2043NE
 Supplement No.: 33
 Date: July 29, 2021

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
DC Variable Dimmer	N2022-X	AL750D, AL-2010, AL-2020, AL-2022	Test and Computations per 14 CFR 21.303 DWG No: N2022DO Rev: B Date: 07/29/19 or later FAA-approved revisions	Bombardier, Inc.	CL-600-2B16
“	“	“	“	Dassault Aviation	Falcon 900EX, Falcon 2000EX
“	“	“	“	Gulfstream Aerospace Corporation	G-IV, GV, GV-SP, GIV-X
“	“	“	“	Textron Aviation Inc.	525A

----- 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.

MICHELE J MAURER  Digitally signed by MICHELE J MAURER
 Date: 2021.07.28 13:49:15 -04'00'

for Timothy J. Hadsall
 Acting Manager, New York
 ACO Branch

STEPHEN M KOWALSKI  Digitally signed by STEPHEN M KOWALSKI
 Date: 2021.07.29 12:06:50 -04'00'

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