



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

Aviation Safety

7150 Republic Airport, Suite 236
Farmingdale, NY 11735

August 23, 2020

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

FEDERAL AVIATION ADMINISTRATION-PARTS MANUFACTURER APPROVAL

Dear Mr. Michelinakis:

Your application dated March 5, 2020 for Parts Manufacturer Approval (PMA) was processed using 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 computations 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 14 CFR § 21.307 at 195 Engineers Road, Hauppauge, NY 11788. Accordingly, PMA is hereby granted for production of the replacement articles listed in the enclosed Supplement No. 25.

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

Sincerely,

MICHAEL J Digitally signed by
CHAGNON MICHAEL J CHAGNON
Date: 2020.09.02
09:46:34 -04'00'

Michael J. Chagnon
Acting Manager, Farmingdale/Saddle
Brook MIDO Section

Enclosure:
PMA Listing-Supplement No. 25

cc: AIR-6D1

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Aircraft Lighting International
 195 Engineers Road
 Hauppauge, NY 11788

PMA NO. PQ2043NE
 SUPPLEMENT NO. 25
 DATE August 23, 2020

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
LED Lamp and Adapter Kit	L1245XXXX KIT	AL1245XXXX and AL2000	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> L12YYKIT <u>Rev:</u> A <u>Date:</u> Sep/21/2012 or later FAA-approved revisions	Sikorsky Aircraft Corporation	S-76A
				Textron Aviation Inc.	525A, 560, 560XL, 750
				Learjet Inc.	35, 36, 45
				Dassault Aviation	Falcon 10, Falcon 2000, Fan Jet Falcon, Fan Jet Falcon Series C, Fan Jet Falcon Series D, Fan Jet Falcon Series E, Fan Jet Falcon Series F, Fan Jet Falcon Series G, Mystere-Falcon 50, Mystere-Falcon 900
				Gulfstream Aerospace LP	1125 Westwind Astra, Astra SPX, Galaxy, Gulfstream 100, Gulfstream 200
				Gulfstream Aerospace Corporation	GIV-X, GV GV-SP
				Embraer S.A.	EMB-120
The Boeing Company	727-21				

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Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
LED Lamp and Adapter Kit	L1235XXXX KIT	AL1235XXXX and AL2000	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> L12YYKIT <u>Rev:</u> A <u>Date:</u> Sep/21/2012 or later FAA-approved revisions	Gulfstream Aerospace Corporation SAAB AB, Saab Aeronautics Bombardier Inc. Bombardier Inc. Textron Aviation Inc. Learjet Inc.	G-1159A, G-IV, GV 340A (SAAB/SF340A), SAAB 340B CL-600-2A12 (CL-601), CL-600-2B16 (CL-601-3A Variant), CL-600-2B16 (CL-604 Variant) BD-700-1A10, BD-700-1A11 400, 400A, 525A, 550, 551, 552, 560, 560XL, HS.125 Series 600A, HS.125 Series 700A, Hawker 800, Hawker 800XP, Hawker 850XP, Hawker 900XP, Hawker 1000 25, 25A, 25B, 25C, 25D, 25F, 31, 31A, 35, 36, 45, 55, 55B, 55C

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Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
				Israel Aircraft Industries Ltd	1124, 1124A
				Sabreliner Aviation LLC	NA-265, NA-265-20, NA-265-30, NA-265-40, NA-265-60, NA-265-65, NA-265-70, NA-265-80
				Dassault Aviation	Falcon 10, Falcon 900EX, Falcon 2000, Fan Jet Falcon, Fan Jet Falcon Series C, Fan Jet Falcon Series D, Fan Jet Falcon Series E, Fan Jet Falcon Series F, Fan Jet Falcon Series G, Mystere-Falcon 50, Mystere-Falcon 900
				Gulfstream Aerospace LP	1125 Westwind Astra, Astra SPX, Gulfstream 100
				Pilatus Aircraft LTD.	Pilatus PC-12
				The Boeing Company	DC-9 Series

-----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.

KEN LIU Digitally signed by KEN LIU
 Date: 2020.08.23 09:23:39 -04'00'

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

MICHAEL J CHAGNON Digitally signed by MICHAEL J CHAGNON
 Date: 2020.09.02 09:42:38 -04'00'

Michael J. Chagnon
 Acting Manager, Farmingdale / Saddle Brook MIDO Section