



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

Engine and Propeller Directorate

Manufacturing Inspection District Office -44
400 Airport Drive, Bldg. 201, Rm. 102
New Cumberland, PA 17070-3419
(717) 782-4425, Fax: (717) 782-2231

January 13, 2017

Mr. David Lumgair
Accountable/Quality Manager
Luminary Air Group, LLC
18321 Parkway
Melfa, Virginia 23410

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Dear Mr. Lumgair:

In accordance with Title 14, Code of Federal Regulations (14 CFR), part 21, Certification Procedures for Products, Articles, and Parts, subpart K, the FAA has found that the design data, as submitted by Luminary Air Group, LLC., (hereinafter referred to as “the Manufacturer”), meets the airworthiness requirements of 14 CFR applicable to the product(s) on which the article(s) is to be installed. Additionally, the FAA has determined that the Manufacturer has established the quality system required by §21.307 at 18321 Parkway, Melfa, VA 23410. Accordingly, Parts Manufacturer Approval (PMA) is hereby granted to the Manufacturer to produce the replacement articles (or modification articles, as applicable) listed in the supplement(s) in conformity with the FAA-approved design data. Subsequent changes to these design data must be approved in a manner acceptable to the FAA.

The following terms and conditions apply to this approval:

1. The Manufacturer’s quality system, methods, procedures, and manufacturing facilities, including suppliers, are subject to FAA surveillance and investigations. Accordingly, the Manufacturer must advise its suppliers that their facilities are also subject to FAA surveillance and investigations.
2. The Manufacturer must obtain approval from the Federal Aviation Administration, ANE-MIDO-44, Bldg. 201, Room 102, 400 Airport Road, New Cumberland PA, 17070-3419 prior to relocating or expanding manufacturing facilities at which articles are produced. This includes the addition of associate facilities. Additionally, this requirement applies to the Manufacturer’s suppliers with major inspection authorization, and those suppliers who furnish articles or related services where a determination of safety and conformance to the approved design cannot or will not be made upon receipt at the approved receiving facility.
3. Upon request, the Manufacturer must make available to the FAA any pertinent information concerning its suppliers who furnish parts/services. This includes:

- a. A description of the part or service,
 - b. Where and by whom the part or service will undergo inspection,
 - c. Any delegation of inspection duties,
 - d. Any delegation of materials review authority,
 - e. The name and title of the FAA contact at the supplier facility,
 - f. The inspection procedures required to be implemented,
 - g. Any direct-shipment authority,
 - h. Results of the Manufacturer's evaluation, audit, and/or surveillance of its suppliers,
 - i. The purchase/work order number (or equivalent), and
 - j. Any feedback relative to service difficulties originating at the Manufacturer's suppliers.
4. Parts, appliances, or manufacturing services furnished by any suppliers located in a foreign country may not be used in the production of any article or listed in the enclosed supplement unless:
- a. That part or service can and will be completely inspected for conformity at the Manufacturer's U.S. facility; or
 - b. The FAA has determined that the location of the foreign supplier facility places no undue burden on the FAA in administering applicable airworthiness requirements. The Manufacturer must advise the FAA at least ten working days in advance when the use of such foreign suppliers is contemplated. This will allow the FAA time to make this determination.
5. Articles produced under the terms of this approval must be permanently marked with the identification information as required by 14 CFR part 45, Identification and Registration Marking, § 45.15. Use the letters "FAA-PMA," the name, trademark, or symbol of the company, and the part number. If the FAA finds the article is too small or impractical to mark, the manufacturer must attach the information required by § 45.15 to the article or its container.
6. This approval is not transferable and it may be withdrawn for any reason that precludes its issuance or whenever the FAA finds that the quality system is not

being maintained. A withdrawal may occur if unsafe or nonconforming articles are accepted under the quality system.

7. The New Cumberland MIDO must approve any changes to the address shown in this approval.
8. The Manufacturer must maintain its quality system in continuous compliance with the requirements of § 21.307. The Manufacturer also must ensure that each article conforms to the approved design data and is safe for installation on type-certificated products.
9. A PMA holder has the privileges specified within the PMA letter and supplement. In addition, a PMA holder is eligible for the appointment of qualified individuals in its employ to represent the FAA as Designated Manufacturing Inspection Representatives (DMIRs), in accordance with the provisions of part 183. The DMIRs may issue export airworthiness approvals for articles. The PMA holder may also be authorized to apply for and obtain an Organization Designation Authorization (ODA). Orders 8000.95, 8100.8 and 8100.15 contain procedures for the administration of DMIRs and ODAs, respectively.
10. The Manufacturer must report in a timely manner, to the New Cumberland MIDO, information concerning service difficulties on any article produced under this approval. The Manufacturer also must report any failures, malfunctions, and defects that are required to be reported in accordance with § 21.3.
11. All technical data required by § 21.303(a) (3), for the articles to be produced in accordance with this approval, must be readily available to the FAA at the facility where the articles are being produced.
12. The Manufacturer must notify the New Cumberland MIDO immediately in writing of any changes to the quality system that may affect the inspection, conformity, or airworthiness of the articles approved in this letter.
13. The Manufacturer must produce all articles in accordance with Luminary Air Group, LLC Quality Assurance Manual, Revision B dated January 3, 2017 or later revision that has been presented as evidence of compliance with § 21.307. Accordingly, any revisions to the data must be submitted to the New Cumberland MIDO for approval prior to implementation.

Sincerely,



for
Stacy L. Ratliff
Manager, MIDO-44

Enclosure:
LAG PMA Supplement No. 1

cc: AIR-140 Supplement only

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL


Luminary Air Group
18321 Parkway
Melfa, VA 23410

PMA NO.:PQ10024NE
SUPPLEMENT NO.: 1
DATE: January 13, 2017

Article Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Thermal/Acoustic Cabin Insulation Kit	0311.MC01.502	0311.MC01.502	Identity per 14 CFR, § 21.303 License Agreement between Luminary Air Group, LLC and Flight Environments, Inc. letter dated 9/1/16 and STC: ST01828LA <u>DWG. No.:</u> 0311.MD01.502 <u>Rev: D</u> <u>Date:</u> 22 May 06 or later approved revision.	Pilatus	PC-12

-----End of Listing-----

NOTE: The procedures that have been accepted by the type certificate or TSO authorization holder and its cognizant FAA Aircraft Certification Office, for minor changes to original articles used on type-certificated products, are also acceptable for incorporating the same minor changes on identical PMA replacement articles. The PMA holder must be able to show traceability relating to the TC, STC, or TSO authorization holder on all minor changes incorporated by this procedure. When these procedures are no longer applicable because of completion of the production contract, or termination of the licensing agreement or business relationship, all subsequent minor design changes to the PMA articles must be submitted in a manner as determined by the ACO. Major design changes (reference 14 CFR §§ 21.319 and 21.619) to drawings and specifications are to be handled in the same manner as that for an original PMA.


for Stacy L. Ratliff, Manager, ANE-MIDO-44
Manufacturing Inspection District Office
New Cumberland, Pennsylvania