



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

Small Airplane Directorate  
Manufacturing Inspection District Office  
5950 Hazeltine National Drive, Room 405  
Orlando, Florida 32822

Telephone: (407) 855-9050

November 5, 1997

**PMA Design & Manufacturing**  
8186 Baymeadows Way West  
Jacksonville, Florida 32256

**FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL**

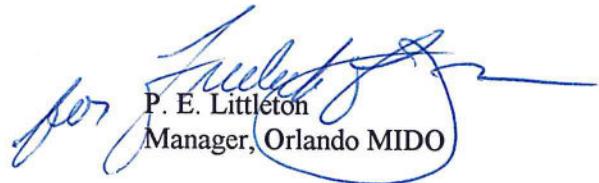
In accordance with provisions of Title 14 of the Code of Federal Regulations Part 21(14 CFR), Subpart K, the FAA has found that the design data, as submitted by PMA Design & Manufacturing meets the airworthiness requirements of the Federal Regulation's applicable to the product on which the part is to be installed. Additionally, the FAA has determined that PMA Design & Manufacturing has established the fabrication inspection system required by 14 CFR section 21.303(h) at 8186 Baymeadows Way West, Jacksonville, Florida 32256. Accordingly, Parts Manufacturing Approval (PMA) is hereby granted to produce the parts listed in the enclosed supplement(s) in conformity with the FAA approved design data which includes Airplane Flight Manual Supplement and installation instructions, if applicable, and any changes subsequently approved. All changes to the design data must be approved in a manner acceptable to the FAA.

The following terms and conditions are applicable to this approval:

1. PMA Design & Manufacturing fabrication inspection system, methods, procedures, and manufacturing facilities, including your suppliers, are subject to FAA surveillance or investigation. Accordingly, you must advise your suppliers that their facilities are also subject to FAA surveillance and investigation.
2. PMA Design & Manufacturing must notify the FAA in writing within ten (10) days from the date the manufacturing facilities at which parts are manufactured are relocated or expanded to include additional facilities at other locations. This requirement also applies to your suppliers, but only those who have been delegated major inspection authorization and those who furnish parts or related services where a determination as to safety and conformance to the approved design cannot or will not be made upon receipt at the approved receiving facility.
3. PMA Design & Manufacturing must make available to FAA, upon request, any pertinent information concerning their suppliers who furnish parts/services, including:
  - 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. Name and title of FAA contact at the supplier facility;
  - f. The inspection procedures required to be implemented;
  - g. Any direct shipment authority;

- h. Results of PMA Design & Manufacturing evaluation, audit, and/or surveillance of their suppliers;
  - i. The purchase/work order number (or equivalent); and
  - j. Any feedback relative to service difficulties originating at PMA Design & Manufacturing.
- 4. Parts or services furnished by any suppliers located in a foreign country may not be used in the production of any part listed in the enclosed supplement unless:
  - a. That part or service can and will be completely inspected for conformity at PMA Design & Manufacturing 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. When the use of such foreign suppliers are contemplated, PMA Design & Manufacturing must advise the FAA at least 10 days in advance to allow the FAA to make this determination; or
  - c. The parts/services furnished by the foreign supplier are produced under the "components" provisions of U.S. airworthiness bilateral agreements, and approved for import to the U.S. in accordance with section 21.502.
- 5. Parts produced under the terms of this approval must be marked with the identification information as required by section 45.15.
- 6. This approval is not transferable to another person or location. In addition, it may be withdrawn for any reason which would preclude its issuance; or at any time that the FAA finds that the fabrication inspection system is not being maintained; or if unsafe or nonconforming parts are accepted under the fabrication inspection system.
- 7. Our district office, 5950 Hazeltine National Drive, Room 405, Orlando Florida 32822, must be notified within 10 days from the date that the address shown in this approval has been changed.
- 8. PMA Design & Manufacturing must maintain their fabrication inspection system in continuous compliance with the requirements of section 21.303(h), and ensure that each part conforms with the approved design data and is safe for installation on type certificated products.
- 9. PMA Design & Manufacturing is eligible for the appointment of qualified individuals in their employ to represent the FAA as Designated Manufacturing Inspector Representatives (DMIR) for the purpose of issuing Export Airworthiness Approvals for Class II and Class III products.
- 10. PMA Design & Manufacturing shall report to our district office in a timely manner, information concerning service difficulties on any part produced under this approval, in addition to any failures, malfunctions, and defects required to be reported in accordance with section 21.3.
- 11. All technical data required by section 21.303(c)(3), for the parts to be produced under this approval, must be readily available to the FAA at the facility at which the parts are being produced.
- 12. PMA Design & Manufacturing shall notify our district office immediately in writing of any changes to the Fabrication Inspection System that may affect the inspection, conformity, or airworthiness of the parts approved in this letter.

13. PMA Design & Manufacturing shall produce all parts in accordance with PMA Design & Manufacturing Quality Assurance Manual dated November 5, 1997, which has been presented as evidence of compliance with section 21.303(h). Accordingly, any revisions to these data must be submitted for approval by this office prior to implementation.



P. E. Littleton  
Manager, Orlando MIDO

Enclosure: Parts Manufacturer Approval Listing - Supplement No. 1