



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

Central Region  
Atlanta Manufacturing Inspection  
District Office  
1669 Phoenix Parkway, Suite 210  
Atlanta, GA 30349

March 23, 1987

PPG Industries, Inc.  
P. O. Box 2200  
Huntsville, AL 35804

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

In accordance with provisions of FAR 21, Subpart K, the FAA has found that the design data, as submitted by PPG Industries, Inc. meets the airworthiness requirements of the FAR's applicable to the product on which the part is to be installed. Additionally, the FAA has determined that PPG Industries, Inc. has established the fabrication inspection system required by FAR 21.303(h) at 6049 Highway 72, Huntsville, AL. Accordingly, Parts Manufacturer Approval (PMA) is hereby granted to PPG Industries, Inc. 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. PPG Industries, Inc. fabrication inspection system, methods, procedures and manufacturing facilities, including your suppliers, are subject to FAA surveillance or investigation. Accordingly, PPG Industries, Inc. must advise your suppliers that their facilities are also subject to FAA surveillance and investigation.
2. PPG Industries, Inc. 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 PPG Industries, Inc. 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. PPG Industries, Inc. must make available to the 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 manufacturing representative to contact at the supplier facility;
- f. The inspection procedures required to be implemented;
- g. Any direct shipment authority;
- h. Results of PPG Industries, Inc. evaluation, audit, and/or surveillance of your suppliers;
- i. The purchase/work order number (or equivalent); and
- j. Any feedback relative to service difficulties originating at PPG Industries, Inc. suppliers.

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(s) unless:

a. That part or service can and will be completely inspected for conformity at PPG Industries, Inc. 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 supplier is contemplated, PPG Industries, Inc. must advise the FAA at least ten (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 the U. S. Airworthiness Bilateral Agreements, and approved for import to the U. S. in accordance with FAR 21.502.

5. Parts produced under the terms of this approval must be marked with the identification information as required by FAR 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 any 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 system.

7. The FAA must be notified within ten (10) days from the date that the address shown in this approval has been changed.

8. PPG Industries, Inc. must maintain the fabrication inspection system in continuous compliance with the requirements of FAR 21.303(h), and insure that each part conforms with the approved design data and is safe for installation on type certificated products.

9. PPG Industries, Inc. 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. PPG Industries, Inc. shall report to the FAA 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 FAR 21.3.

11. All technical data required by FAR 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. PPG Industries, Inc. must notify the FAA 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. PPG Industries, Inc. shall produce all parts in accordance with PPG Industries, Inc. Quality Assurance Manual, dated January 8, 1986, which has been presented as evidence of compliance with FAR 21.303(h). Accordingly, any revisions to these data must be submitted for approval by the Manufacturing Inspection District Office prior to implementation.

Should you have any questions regarding this matter, you may wish to direct them to this office.



Jim Reeves  
Manager, Atlanta Manufacturing  
Inspection District Office

1 Enclosure