UNITED STATES OF AMERICA
CIVIL AERONAUTICS BOARD
WASHINGTON, D. C.

Civil Air Regulations Amendment 1-2
Effective: May 16, 1953
Adopted: April 9, 1953

CERTIFICATION OF AIRCRAFT AND RELATED PRODUCTS

This amendment contains revisions which are intended to facilitate administration of and to clarify a number of provisions pertaining to type certificates and production certificates. The most notable revision provides for delegation of inspection responsibilities, borne entirely by the Administrator in the past, to the manufacturer for products manufactured under the terms of a type certificate only. It consists of the addition of a new paragraph (d) to section 1.15 requiring manufacturers, producing products without a production certificate, to establish approved production inspection systems after six months from the date of issuance of the type certificate.

Other substantive revisions entail amendments to sections 1.36, 1.37, and 1.38. These amendments are intended to clarify these sections with respect to the data which is to be submitted to the Administrator concerning the quality control system and subsidiary manufacturers. For the most part, these changes bring these sections into conformity with the procedures followed under the present regulations by prescribing in greater detail the data to be submitted.

In addition, there are a number of changes of an editorial nature in order to clarify the intent of the provisions of this part.

Interested persons have been afforded an opportunity to participate in the making of this amendment, and due consideration has been given to all relevant matter presented.

In consideration of the foregoing the Civil Aeronautics Board hereby amends Part 1 of the Civil Air Regulations (14 CFR, Part 1, as amended) effective May 16, 1953:

1. By amending § 1.15 (a) by inserting after the word "inspections" the following clause "and, in the case of aircraft, flight tests".

2. By amending § 1.15 by changing the title to read "Inspections and tests" and by adding a new paragraph (d) to read as follows:

1.15 Inspections and tests. * * *

(d) A manufacturer producing a product under the terms of a type certificate without a related production certificate shall provide, for products manufactured after six months from the date of issuance of the type certificate, a production inspection system approved by the Administrator which will give assurance that each article produced is in conformity with the type design and is in a condition for safe operation.

3. By amending § 1.22 by deleting the phrase "by an authorized representative of the Administrator" and substituting in lieu thereof the phrase "in accordance with a method acceptable to the Administrator".

4. By amending § 1.32 by deleting the reference "§§ 1.33 through 1.37." and substituting in lieu thereof "§§ 1.33 through 1.36."

5. By amending § 1.36 to read as follows:

1.36 Quality control data requirements; prime manufacturer. The applicant shall submit for approval by the Administrator, as evidence of his ability to control the quality of any product for which he requests a production certificate, data describing the inspection and test procedures necessary to insure that each article produced is in conformity with the type design and is in a condition for safe operation. The data submitted shall include such of the following as are applicable to the product involved:

(a) A statement describing assigned responsibilities and delegated authority of the quality control organization, together with a chart indicating the functional relationship of the quality control organization to management and to other organizational components and indicating the chain of authority and responsibility within the quality control organization.

(b) A description of inspection procedures applying to raw materials, outside purchased items, and parts and assemblies produced by subsidiary manufacturers. The information shall include the methods used to insure acceptable quality of parts and assemblies which cannot be completely inspected for conformity and quality when delivered to the prime manufacturer's plant.

(c) A description of the methods used for production inspection of individual parts and complete assemblies, including the identification of any special manufacturing processes involved, the description of the means used to control such processes, a description of the final test procedure for the complete product, and, in the case of aircraft, a copy of the manufacturer's production flight test procedure and check-off list.

(d) An outline of the materials review system, including the procedure for recording review board decisions and disposing of rejected parts.

(e) An outline of a system by means of which company inspectors are kept currently informed regarding changes in engineering drawings, specifications, and quality control procedures.

(f) A list or chart showing location and type of inspection stations.

6. By amending § 1.37 to read as follows:

1.37 Information on subsidiary manufacturers. The prime manufacturer shall make available information regarding all major inspections accomplished by a subsidiary manufacturer for acceptance of parts or assemblies for which the prime manufacturer is responsible.

7. By amending § 1.38 to read as follows:

1.38 Changes in quality control system. Subsequent to the issuance of a production certificate, any changes to the quality control system shall be subject to review by the Administrator. The holder of a production certificate shall immediately notify the Administrator in writing of any such changes affecting the data prescribed in § 1.36.

8. By amending § 1.43 by changing the title to read "Inspections and tests" and by adding after the word "inspections" the following clause "and, in the case of aircraft, flight tests".

(Sec. 205 (a), 52 Stat. 984; 49 U. S. C. 425 (a). Interpret or apply secs. 601, 603, 52 Stat. 1007, as amended, 1008; 49 U.S.C. 551, 553)

By the Civil Aeronautics Board:

/s/ M. C. Mulligan

M. C. Mulligan
Secretary

(SEAL)

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