

## § 21.461

### § 21.461 Equivalent safety provisions.

The DAS shall obtain the Administrator's concurrence on the application of all equivalent safety provisions applied under § 21.21.

### § 21.463 Supplemental type certificates.

(a) For each supplemental type certificate issued under this subpart, the DAS shall follow the procedure manual prescribed in § 21.441 and shall, before issuing the certificate—

(1) Submit to the Administrator a statement describing—

- (i) The type design change;
- (ii) The airworthiness requirements of this chapter (by part and effective date) that the DAS considers applicable; and
- (iii) The proposed program for meeting the applicable airworthiness requirements;

(2) Find that each applicable airworthiness requirement is met; and

(3) Find that the type of product for which the STC is to be issued, as modified by the supplemental type design data upon which the STC is based, is of proper design for safe operation.

(b) Within 30 days after the date of issue of the STC, the DAS shall submit to the Administrator—

- (1) Two copies of the STC;
- (2) One copy of the design data approved by the DAS and referred to in the STC;
- (3) One copy of each inspection and test report; and
- (4) Two copies of each revision to the Aircraft Flight Manual or to the operating limitations, and any other information necessary for safe operation of the product.

### § 21.473 Airworthiness certificates other than experimental.

For each amendment made to a standard airworthiness certificate under this subpart, the DAS shall follow the procedure manual prescribed in § 21.441 and shall, before making that amendment—

(a) Complete each flight test necessary to meet the applicable airworthiness requirements of this chapter;

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(b) Find that each applicable airworthiness requirement of this chapter is met; and

(c) Find that the aircraft is in condition for safe operation.

### § 21.475 Experimental certificates.

The DAS shall, before issuing an experimental certificate, obtain from the Administrator any limitations and conditions that the Administrator considers necessary for safety.

### § 21.477 Data review and service experience.

(a) If the Administrator finds that a product for which an STC was issued under this subpart does not meet the applicable airworthiness requirements, or that an unsafe feature or characteristic caused by a defect in design or manufacture exists, the DAS, upon notification by the Administrator, shall investigate the matter and report to the Administrator the results of the investigation and the action, if any, taken or proposed.

(b) If corrective action by the user of the product is necessary for safety because of any noncompliance or defect specified in paragraph (a) of this section, the DAS shall submit the information necessary for the issue of an Airworthiness Directive under Part 39.

### § 21.493 Current records.

(a) The DAS shall maintain, at its facility, current records containing—

(1) For each product for which it has issued an STC under this subpart, a technical data file that includes any data and amendments thereto (including drawings, photographs, specifications, instructions, and reports) necessary for the STC;

(2) A list of products by make, model, manufacturer's serial number and, if applicable, any FAA identification, that have been altered under the DAS authorization; and

(3) A file of information from all available sources on alteration difficulties of products altered under the DAS authorization.

(b) The records prescribed in paragraph (a) of this section shall be—

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(1) Made available by the DAS, upon the Administrator's request, for examination by the Administrator at any time; and

(2) In the case of the data file prescribed in paragraph (a)(1) of this section, identified by the DAS and sent to the Administrator as soon as the DAS no longer operates under this subpart.

**Subpart N—Approval of Engines, Propellers, Materials, Parts, and Appliances: Import**

**§ 21.500 Approval of engines and propellers.**

Each holder or licensee of a U.S. type certificate for an aircraft engine or propeller manufactured in a foreign country with which the United States has an agreement for the acceptance of those products for export and import, shall furnish with each such aircraft engine or propeller imported into this country, a certificate of airworthiness for export issued by the country of manufacture certifying that the individual aircraft engine or propeller—

(a) Conforms to its U.S. type certificate and is in condition for safe operation; and

(b) Has been subjected by the manufacturer to a final operational check.

[Amdt. 21-25, 34 FR 14068, Sept. 5, 1969]

**§ 21.502 Approval of materials, parts, and appliances.**

(a) A material, part, or appliance, manufactured in a foreign country with which the United States has an agreement for the acceptance of those materials, parts, or appliances for export and import, is considered to meet the requirements for approval in the Federal Aviation Regulations when the country of manufacture issues a certificate of airworthiness for export certifying that the individual material, part, or appliance meets those requirements, unless the Administrator finds, based on the technical data submitted under paragraph (b) of this section, that the material, part, or appliance is otherwise not consistent with the intent of the Federal Aviation Regulations.

(b) An applicant for approval of a material, part, or appliance must, upon

request, submit to the Administrator any technical data respecting that material, part, or appliance.

[Amdt. 21-25, 34 FR 14068, Sept. 5, 1969]

**Subpart O—Technical Standard Order Authorizations**

SOURCE: Docket No. 19589, 45 FR 38346, June 9, 1980, unless otherwise noted.

**§ 21.601 Applicability.**

(a) This subpart prescribes—

(1) Procedural requirements for the issue of Technical Standard Order authorizations;

(2) Rules governing the holders of Technical Standard Order authorizations; and

(3) Procedural requirements for the issuance of a letter of Technical Standard Order design approval.

(b) For the purpose of this subpart—

(1) A Technical Standard Order (referred to in this subpart as "TSO") is issued by the Administrator and is a minimum performance standard for specified articles (for the purpose of this subpart, articles means materials, parts, processes, or appliances) used on civil aircraft.

(2) A TSO authorization is an FAA design and production approval issued to the manufacturer of an article which has been found to meet a specific TSO.

(3) A letter of TSO design approval is an FAA design approval for a foreign-manufactured article which has been found to meet a specific TSO in accordance with the procedures of § 21.617.

(4) An article manufactured under a TSO authorization, an FAA letter of acceptance as described in § 21.603(b), or an appliance manufactured under a letter of TSO design approval described in § 21.617 is an approved article or appliance for the purpose of meeting the regulations of this chapter that require the article to be approved.

(5) An article manufacturer is the person who controls the design and quality of the article produced (or to be produced, in the case of an application), including the parts of them and any processes or services related to them that are procured from an outside source.