

§21.473

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;

(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.

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§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—

(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.