

FAA ORDER 8110.42

PARTS MANUFACTURER APPROVAL PROCEDURES

Selected Excerpts

Chapter 1

5(c) **Critical** is a term applicable to parts, appliances, characteristics, processes, maintenance procedures, or inspections when if failed, omitted, or non-conforming, may cause significantly degraded airworthiness of the product during takeoff, flight, or landing.

6. Applicability

(b)(4) An aircraft owner or operator may produce parts for installation on their own product without a PMA. The installation of those parts must comply with 14CFR Part 43 (Part 43). If the part is produced with the intent of selling it for installation on a product other than the owner's or operator's , then a PMA would be required.

(b)(6) A part produced by an FAA certificated repair station with the intent of installing it on a TC product that the repair station has in-house for repair. Production of such parts is authorized in accordance with Order 8000.50. Repair Station Production of Replacement or Modification Parts, of September 1981. Such parts may not be offered for sale as separate items.

(b)(8)(c) **Special Considerations: Older Products.** In evaluating applications for approval to produce parts for sale for installation on older TC products, the FAA personnel should consider potential problems. For example, type design information may be difficult to obtain, the product may no longer be in production, or the TC holder may no longer exist or may no longer be producing parts. In all such cases, the applicant must still submit sufficient information to support a determination that the applicant's design meets the applicable airworthiness standards and that the applicant will produce parts conforming to the approved design. Accordingly, FAA engineering personnel will need to exercise sound judgment in considering means of demonstrating compliance as alternatives to those means described in paragraph 8.c.

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