

of this section, on any aircraft, aircraft engine, propeller, propeller blade, or propeller hub, without the approval of the Administrator.

(c) Except as provided in paragraph (d)(2) of this section, no person may remove or install any identification plate required by § 45.11 of this part, without the approval of the Administrator.

(d) Persons performing work under the provisions of part 43 of this chapter may, in accordance with methods, techniques, and practices acceptable to the Administrator—

(1) Remove, change, or place the identification information required by paragraph (a) of this section on any aircraft, aircraft engine, propeller, propeller blade, or propeller hub; or

(2) Remove an identification plate required by § 45.11 when necessary during maintenance operations.

(e) No person may install an identification plate removed in accordance with paragraph (d)(2) of this section on any aircraft, aircraft engine, propeller, propeller blade, or propeller hub other than the one from which it was removed.

[Amdt. 45-3, 32 FR 188, Jan. 10, 1967, as amended by Amdt. 45-10, 44 FR 45379, Aug. 2, 1979; Amdt. 45-12, 45 FR 60183, Sept. 11, 1980; Amdt. 45-20, 55 FR 32861, Aug. 10, 1990; 55 FR 37287, Sept. 10, 1990]

EFFECTIVE DATE NOTE: By Amdt. 45-26, 74 FR 53395, Oct. 16, 2009, § 45.13 was amended by removing the text “and (b)” from paragraph (a) introductory text and adding in their place the text “through (c)” and by removing the words “of this part” from paragraph (c), effective Apr. 14, 2010.

#### § 45.14 Identification of critical components.

Each person who produces a part for which a replacement time, inspection interval, or related procedure is specified in the Airworthiness Limitations section of a manufacturer’s maintenance manual or Instructions for Continued Airworthiness shall permanently and legibly mark that component with a part number (or equivalent) and a serial number (or equivalent).

[Amdt. 45-16, 51 FR 40703, Nov. 7, 1986]

EFFECTIVE DATE NOTE: By Amdt. 45-26, 74 FR 53395, Oct. 16, 2009, § 45.14 was removed, effective Apr. 14, 2010.

#### § 45.15 Replacement and modification parts.

(a) Except as provided in paragraph (b) of this section, each person who produces a replacement or modification part under a Parts Manufacturer Approval issued under § 21.303 of this chapter shall permanently and legibly mark the part with—

(1) The letters “FAA-PMA”;

(2) The name, trademark, or symbol of the holder of the Parts Manufacturer Approval;

(3) The part number; and

(4) The name and model designation of each type certificated product on which the part is eligible for installation.

(b) If the Administrator finds that a part is too small or that it is otherwise impractical to mark a part with any of the information required by paragraph (a) of this section, a tag attached to the part or its container must include the information that could not be marked on the part. If the marking required by paragraph (a)(4) of this section is so extensive that to mark it on a tag is impractical, the tag attached to the part or the container may refer to a specific readily available manual or catalog for part eligibility information.

[Amdt. 45-8, 37 FR 10660, May 26, 1972, as amended by Amdt. 45-14, 47 FR 13315, Mar. 29, 1982]

EFFECTIVE DATE NOTE: By Doc. No. FAA-2006-25877, 74 FR 53395, Oct. 16, 2009, § 45.15 was revised, effective Apr. 14, 2010. For the convenience of the user, the revised text is set forth as follows:

#### § 45.15 Marking requirements for PMA articles, TSO articles, and Critical parts.

(a) *PMA articles.* The manufacturer of a PMA article must permanently and legibly mark—

(1) Each PMA article, with the PMA holder’s name, trademark, symbol, or other FAA approved identification and part number; and

(2) The letters “FAA-PMA”.

(b) *TSO articles.* The manufacturer of a TSO article must permanently and legibly mark —

(1) Each TSO article with the TSO holder’s name, trademark, symbol, or other FAA approved identification and part number; and

(2) Each TSO article, unless otherwise specified in the applicable TSO, with the TSO number and letter of designation, all

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markings specifically required by the applicable TSO, and the serial number or the date of manufacture of the article or both.

(c) *Critical parts.* Each person who manufactures a part for which a replacement time, inspection interval, or related procedure is specified in the Airworthiness Limitations section of a manufacturer's maintenance manual or Instructions for Continued Airworthiness must permanently and legibly mark that part with a serial number (or equivalent) unique to that part in addition to the other applicable requirements of this section.

(d) If the FAA finds a part or article is too small or otherwise impractical to mark with any of the information required by this part, the manufacturer must attach that information to the part or its container.

### § 45.16 Marking of life-limited parts.

When requested by a person required to comply with § 43.10 of this chapter, the holder of a type certificate or design approval for a life-limited part must provide marking instructions, or must state that the part cannot be practicably marked without compromising its integrity. Compliance with this paragraph may be made by providing marking instructions in readily available documents, such as the maintenance manual or the Instructions for Continued Airworthiness.

[Doc. No. FAA-200-8017, 67 FR 2110, Jan. 15, 2002]

EFFECTIVE DATE NOTE: By Amdt. 45-26, 74 FR 53395, Oct. 16, 2009, § 45.16 was amended by removing the last sentence of the section, effective Apr. 14, 2010.

## Subpart C—Nationality and Registration Marks

### § 45.21 General.

(a) Except as provided in § 45.22, no person may operate a U.S.-registered aircraft unless that aircraft displays nationality and registration marks in accordance with the requirements of this section and §§ 45.23 through 45.33.

(b) Unless otherwise authorized by the Administrator, no person may place on any aircraft a design, mark, or symbol that modifies or confuses the nationality and registration marks.

(c) Aircraft nationality and registration marks must—

(1) Except as provided in paragraph (d) of this section, be painted on the

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aircraft or affixed by any other means insuring a similar degree of permanence;

(2) Have no ornamentation;

(3) Contrast in color with the background; and

(4) Be legible.

(d) The aircraft nationality and registration marks may be affixed to an aircraft with readily removable material if—

(1) It is intended for immediate delivery to a foreign purchaser;

(2) It is bearing a temporary registration number; or

(3) It is marked temporarily to meet the requirements of § 45.22(c)(1) or § 45.29(h) of this part, or both.

[Doc. No. 8093, Amdt. 45-5, 33 FR 450, Jan 12, 1968, as amended by Amdt. 45-17, 52 FR 34102, Sept. 9, 1987]

### § 45.22 Exhibition, antique, and other aircraft: Special rules.

(a) When display of aircraft nationality and registration marks in accordance with §§ 45.21 and 45.23 through 45.33 would be inconsistent with exhibition of that aircraft, a U.S.-registered aircraft may be operated without displaying those marks anywhere on the aircraft if:

(1) It is operated for the purpose of exhibition, including a motion picture or television production, or an airshow;

(2) Except for practice and test flights necessary for exhibition purposes, it is operated only at the location of the exhibition, between the exhibition locations, and between those locations and the base of operations of the aircraft; and

(3) For each flight in the United States:

(i) It is operated with the prior approval of the Flight Standards District Office, in the case of a flight within the lateral boundaries of the surface areas of Class B, Class C, Class D, or Class E airspace designated for the takeoff airport, or within 4.4 nautical miles of that airport if it is within Class G airspace; or

(ii) It is operated under a flight plan filed under either § 91.153 or § 91.169 of this chapter describing the marks it displays, in the case of any other flight.