Federal Aviation Administration, DOT

PART 45—IDENTIFICATION AND REGISTRATION MARKING

Subpart A—General

§ 45.1 Applicability.

This part prescribes the requirements for—

(a) Marking products and articles manufactured under—

(1) A type certificate;

(2) A production approval as defined under part 21 of this chapter; and

(b) Aircraft engines. A manufacturer of an aircraft engine produced under a

(j) Squitter: Verify that the Mode S transponder generates a correct squitter approximately once per second.

(k) Records: Comply with the provisions of §45.9 of this chapter as to content, form, and disposition of the records.


Subpart B—Marking of Products and Articles

§ 45.10 Marking.

No person may mark a product or article in accordance with this subpart unless—

(a) That person produced the product or article—

(1) Under part 21, subpart F, G, K, or O of this chapter; or

(2) For export to the United States under the provisions of an agreement between the United States and another country or jurisdiction for the acceptance of products and articles; and

(b) That product or article conforms to its approved design, and is in a condition for safe operation; and, for a TSO article; that TSO article meets the applicable performance standards.


§ 45.11 Marking of products.

(a) Aircraft. A manufacturer of aircraft covered under §21.182 of this chapter must mark each aircraft by attaching a fireproof identification plate that—

(1) Includes the information specified in §45.13 using an approved method of fireproof marking;

(2) Must be secured in such a manner that it will not likely be defaced or removed during normal service, or lost or destroyed in an accident; and

(3) The provisions of an agreement between the United States and another country or jurisdiction for the acceptance of products and articles; and

(b) Nationality and registration marking of U.S. registered aircraft.

§45.13 Identification data.

(a) The identification required by §45.11 (a) through (c) must include the following information:

(1) Builder’s name.

(2) Model designation.

(3) Builder’s serial number.

(4) Type certificate number, if any.

(5) Production certificate number, if any.

(6) For aircraft engines, the established rating.

(7) On or after January 1, 1984, for aircraft engines specified in part 34 of this chapter, the date of manufacture as defined in §34.1 of this chapter, and a designation, approved by the FAA, that indicates compliance with the applicable exhaust emission provisions of part 34 of this chapter and 40 CFR part 87. Approved designations include COMPLY, EXEMPT, and NON-US, as appropriate. After December 31, 2012,