

**FAA Advisory Circular 45-2E**  
**Comparison Control Matrix**  
(as of 8/12/15)

	<b>Comment</b>
<p style="text-align: center;"><b>1.</b> <b>(Revised)</b></p>	<p><b>Global:</b> Formatted to meet current standards.</p>
<p style="text-align: center;"><b>2.</b> <b>(Revised)</b></p>	<p><b>CURRENT: 1. Purpose.</b> This AC describes an acceptable means, but not the only means, to comply with the requirements for <b>identifying</b> aircraft, aircraft engines, or propellers with identification plates, and marking aircraft with nationality and registration marks.</p> <p><b>TO BE:</b> 1.1 This AC describes an acceptable means, but not the only means, to comply with the requirements for <b>marking</b> aircraft and aircraft engines with identification plates, marking of propellers, and marking aircraft with nationality and registration marks.</p>
<p style="text-align: center;"><b>3.</b> <b>(Deletion)</b></p>	<p><b>CURRENT:</b> 2. a.(1) (For the purpose of this AC, the term “aircraft” includes powered parachutes and balloons.)</p>
<p style="text-align: center;"><b>4.</b> <b>(Revised)</b></p>	<p><b>CURRENT:</b> 2. (3) <b>Repair</b> stations operating under 14 CFR <b>parts 145, Repair Stations</b>, and air carriers operating N-numbered aircraft (see appendix C to this AC for the definition of “N-number”).</p> <p><b>TO BE:</b> Repair stations operating under <b>14 CFR part 145 and</b> air carriers operating N-numbered aircraft (see appendix C to this AC for the definition of “N-number”).</p>
<p style="text-align: center;"><b>5.</b> <b>(Revised)</b></p>	<p><b>CURRENT:</b> This AC is effective 180 days after publication of Production and Airworthiness Approvals, Part Marking, and Miscellaneous Amendments; Final Rule in the Federal Register under docket number FAA-2006-25877-0114.</p> <p><b>TO BE:</b> This AC is effective xx/xx/xxxx.</p>
<p style="text-align: center;"><b>6.</b> <b>(Revised)</b></p>	<p><b>TO BE: 4 EXPLANATION OF CHANGES.</b></p> <p>This revision—</p> <ol style="list-style-type: none"> <li>1. Excludes fixed-pitch wooden propellers from the § 45.11(c) fireproof marking requirement.</li> <li>2. Clarifies that a fireproof identification plate is one acceptable method for fireproof marking propellers, propeller blades, or propeller hubs, but is not a required method.</li> <li>3. Incorporates the current AC formatting policy.</li> </ol>

7.  
(Revised)

**CURRENT: e. Identification Plate Requirements for Aircraft, Aircraft Engines, or Propellers Produced Under a Design Data Licensing Agreement Program.** The identification requirements for aircraft, aircraft engines, or propellers produced under a design data licensing program (as applicable) are as follows (see § 45.13):

- (1) The builder's name is the specific name of the licensee (as shown on the licensee's PC).
- (2) The model designation is the model identified on the associated TC Data Sheet (TCDS).
- (3) The builder's serial number is the serial number(s) dedicated for licensee use as assigned by the TC holder on the associated TCDS.
- (4) The TC number is the number identified on the associated TCDS and is used to determine conformity to type design requirements.
- (5) The PC number is the number listed on the licensee's PC.
- (6) For aircraft engines, the established rating is shown on the TCDS.
- (7) For aircraft engines manufactured after January 1, 1984, the following information is also to be included:
  - (a) The date of manufacture as defined in § 34.1, Definitions, and
  - (b) The status of compliance to applicable exhaust emission provisions, as approved by the Administrator (for example, in compliance, exempt, or non-U.S., as appropriate).

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(8) For products manufactured under a design data licensing agreement between an FAA TC and PC holder, the following information is required on the identification plates:

*Manufactured by (insert the PC holder's name) under a licensing agreement program with (insert the TC holder's name) (See § 45.13(a)(8)).*

**NOTE: The FAA requires that only the information above be included on the identification plates for all products manufactured under a licensing agreement program. However, the FAA would permit a company/corporate logo or registered trademark to be included (after review and approval by the FAA) on the identification plates if desired by the manufacturer. Aircraft, aircraft engine, and propeller data plates should be included as part of the product's approved design data and are usually defined in an engineering drawing describing such factors as material, size, required information entries, and mounting location.**

TO BE: Per AGC, combined information into 6.1.

**Information to Be Included as Identification.**

Under § 45.11, aircraft propellers, propeller blades, and propeller hubs must display certain information using an approved fireproof method, such as a plate, stamping, engraving, or etching. Fixed-pitch wooden propellers must also display the following information, but are not required to use a fireproof method. Section 45.13 describes the information a manufacturer must display:

1. The builder's name, which may be the name of an individual, firm, co-partnership, corporation, company, association, or joint-stock association.
2. Model designation.
3. Builder's serial number.
4. TC number, if any.
5. Production certificate (PC) number, if any.
6. For aircraft engines, the established rating.
7. For aircraft engines, the date of manufacture, that is, month (two digits)/ year (four digits).
8. For aircraft engines, the engine's approved 14 CFR part 34 designation. (Part 34 discusses fuel venting and

	<p>exhaust emission requirements for turbine engine-powered airplanes.) Approved designations include “comply,” “exempt,” and “non-U.S.” for engines specified in part 34, manufactured on or after January 1, 1984.</p> <p>9. Section 45.13(a) requires an identification plate to include, among other things, any information the FAA finds appropriate. For any product manufactured under a design data licensing agreement between an FAA TC and PC holder, the manufacturer should include the following information on the product’s identification plate (See § 45.13(a)(8)):</p> <p style="text-align: center;"><i>Manufactured by (insert PC holder’s name) under a licensing agreement program with (insert TC holder’s name)</i></p> <p><b>Note:</b> Design approval holders should include identification plates as part of each product’s approved design data. This data usually takes the form of an engineering drawing describing such factors as material, size, required information entries, and mounting location. If requested by the manufacturer, the FAA may permit the inclusion of a corporate logo or registered trademark on an identification plate, after review and approval by the FAA.</p>
<p><b>8.</b> <b>(Correction)</b></p>	<p><b>CURRENT:</b> <a href="http://registry.faa.gov/aircraft.asp">http://registry.faa.gov/aircraft.asp</a>.</p> <p><b>TO BE:</b> <a href="http://www.faa.gov/licenses_certificates/aircraft_certification/aircraft_registry/n_numbers/">http://www.faa.gov/licenses_certificates/aircraft_certification/aircraft_registry/n_numbers/</a></p>
<p><b>9.</b> <b>(Deletion)</b></p>	<p>This information was duplicated in 45-2D. This information can be found in Appendix C of 45-2E.</p> <p>Delete the following from 7.a.(2)</p> <ul style="list-style-type: none"> <li>(a) A U.S.-registered aircraft built at least 30 years ago,</li> <li>(b) A U.S.-registered aircraft with the same external configuration as an aircraft built at least 30 years ago that is operating under a special airworthiness certificate as an exhibition aircraft, or</li> <li>(c) An amateur-built aircraft with the same external configuration as an aircraft built at least 30 years ago.</li> </ul>
<p><b>10.</b> <b>(New)</b></p>	<p><b>NEW:</b> <b>14 CFR PART 91, GENERAL OPERATING AND FLIGHT RULES.</b></p> <p>Part 91 prescribes rules governing the operation of aircraft within the United States, and prescribes flight rules governing the operation of aircraft within the United States and within 12 nautical miles from the coast of the United States.</p>
<p><b>11.</b> <b>(Deletion)</b></p>	<p>CURRENT: Appendix B</p> <p>AC 43-17 was cancelled on 12/20/2011.</p> <p><b>U.S. Department of Transportation, Federal Aviation Administration, AC 43-17, <i>Methods, Techniques, and Practices Acceptable to the Administrator Governing the Installation, Removal, or Change of Identification Data and Identification Plates</i>, current edition.</b> AC 43-17 provides information concerning installing, removing, or changing identification data and identification plates on aircraft, aircraft engines, propellers, and propeller blades and hubs.</p>