



# Standard Specification for Pilot's Operating Handbook (POH) for Light Sport Airplane<sup>1</sup>

This standard is issued under the fixed designation F 2746; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reapproval. A superscript epsilon ( $\epsilon$ ) indicates an editorial change since the last revision or reapproval.

## 1. Scope

1.1 This specification provides the minimum requirements for a Pilot's Operating Handbook (POH) for an aircraft designed, manufactured, and operated as a light sport aircraft.

1.2 This specification defines the POH information that shall be provided by the aircraft manufacturer of a new airplane or airplane kit as a part of the initial sale or transfer to the first-end user.

NOTE 1—The POH may also be referred to as an Aircraft Operating Instruction (AOI). However, POH is considered the approved nomenclature.

1.3 This specification applies to an airplane seeking civil aviation authority approval, in the form of flight certificates, flight permits, or other like documentation as a light sport aircraft.

1.4 *This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.*

## 2. Referenced Documents

### 2.1 ASTM Standards:<sup>2</sup>

**F 2245** Specification for Design and Performance of a Light Sport Airplane

**F 2279** Practice for Quality Assurance in the Manufacture of Fixed Wing Light Sport Aircraft

<sup>1</sup> This specification is under the jurisdiction of ASTM Committee F37 on Light Sport Aircraft and is the direct responsibility of Subcommittee F37.20 on Airplane. Current edition approved April 1, 2009. Published May 2009.

<sup>2</sup> For referenced ASTM standards, visit the ASTM website, www.astm.org, or contact ASTM Customer Service at service@astm.org. For *Annual Book of ASTM Standards* volume information, refer to the standard's Document Summary page on the ASTM website.

**F 2295** Practice for Continued Operational Safety Monitoring of a Light Sport Aircraft

## 3. Terminology

### 3.1 Definitions:

3.2 *flight training supplement (FTS), n*—additional information provided by the airplane manufacturer to provide instruction in special or unusual pilot operation not covered in normal flight training.

3.3 *original equipment manufacturer (OEM), n*—company that controls the engineering and design rights for (1) the LSA or an assembly, subassembly, accessory, or part installed in the aircraft; (2) the consumable materials, tools, fixtures, and test equipment used to service or maintain the aircraft.

### 3.4 Acronyms:

3.4.1 *IAS*—indicated airspeed

3.4.2 *POH*—pilot's operating handbook

## 4. General Requirements

4.1 The POH provides information on the following areas for a specific model of aircraft:

4.1.1 Operating procedures and limitations.

4.1.2 Performance.

4.1.3 Installed controls, indicators, equipment, and accessories. This information shall be included through one of the following methods:

4.1.3.1 Detailing the information, including component OEM data, within the POH supplements.

4.1.3.2 Referencing separate component OEM provided instructions or manuals.

4.1.3.3 Any combination of 4.1.3.1 and 4.1.3.2.

4.2 The POH technical content shall be consistent with the data developed in accordance with Specification F 2245.

4.3 The POH shall be delivered in accordance with required product information requirements.