



Designation: F2745 – 15 (Reapproved 2023)

Standard Specification for Required Product Information to be Provided with an Airplane¹

This standard is issued under the fixed designation F2745; 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 (ϵ) indicates an editorial change since the last revision or reapproval.

1. Scope

1.1 The following requirements apply to the documentation of Light Sport Airplanes. This specification covers the Pilot's Operating Handbook (POH), Flight Training Supplement (FTS), Maintenance Manual, Aircraft Kit Assembly Instructions (KAI), Component Original Equipment Manufacturer (OEM) manuals, Aircraft OEM's Statement of Compliance, Registration, and Airframe Records information required for aircraft designed and manufactured in accordance with the ASTM Standards.

1.1.1 This specification covers the minimum requirements for information that shall be provided by the airplane OEM or seller of a new light sport airplane, light sport airplane kit, engines, propellers, or accessories (that is, radio, transponder, instruments, GPS, etc.) as a part of the initial sale or transfer to the first end-user.

1.1.2 This specification does not apply to the sale or transfer of used light sport airplane, engines, propellers, or accessories.

1.2 This specification applies to airplanes seeking civil aviation authority approval, in the form of airworthiness certificates or other like documentation.

1.3 *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, health, and environmental practices and determine the applicability of regulatory limitations prior to use.*

1.4 *This international standard was developed in accordance with internationally recognized principles on standardization established in the Decision on Principles for the Development of International Standards, Guides and Recommendations issued by the World Trade Organization Technical Barriers to Trade (TBT) Committee.*

¹ 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 Jan. 1, 2023. Published January 2023. Originally approved in 2011. Last previous edition approved in 2015 as F2745 – 15. DOI: 10.1520/F2745-15R23.

2. Referenced Documents

2.1 *ASTM Standards*:²

F2245 Specification for Design and Performance of a Light Sport Airplane

F2483 Practice for Maintenance and the Development of Maintenance Manuals for Light Sport Aircraft

F2563 Practice for Kit Assembly Instructions of Aircraft Intended Primarily for Recreation

3. Terminology

3.1 *Definitions*:

3.1.1 *records*—records of maintenance, alterations, and inspections for each aircraft subsequent to issuance of the manufacturer's statement of compliance.

3.2 *Acronyms*:

3.2.1 *FTS*—flight training supplement

3.2.2 *KAI*—kit assembly instructions

3.2.3 *LSA*—light sport aircraft (airplane)

3.2.4 *OEM*—original equipment manufacturer

3.2.5 *POH*—pilot's operating handbook

4. Significance and Use

4.1 The purpose of this specification is to provide the minimum information necessary for the proper identification, operation, and maintenance of each light sport airplane.

4.2 This specification does not define the method for documentation delivery to the first end-user. Whether to provide paper, PDF, electronic records, access to the information on a website, or some combination shall be determined by the aircraft OEM.

5. Minimum Information Requirements

5.1 The following information shall be furnished by the manufacturer or seller at the time of sale of each airplane or airplane kit to the first end-user.

² 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.