



Standard Terminology for Light Sport Aircraft¹

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1. Scope

1.1 This terminology standard covers definitions of terms and concepts related to light sport aircraft. It is intended to ensure the consistent use of terminology throughout all F37 documents.

2. Referenced Documents

2.1 *ASTM Standards*:²

- F2241 Specification for Continued Airworthiness System for Powered Parachute Aircraft
- F2242 Specification for Production Acceptance Testing System for Powered Parachute Aircraft
- F2243 Specification for Required Product Information to be Provided with Powered Parachute Aircraft
- F2244 Specification for Design and Performance Requirements for Powered Parachute Aircraft
- F2245 Specification for Design and Performance of a Light Sport Airplane
- F2279 Practice for Quality Assurance in the Manufacture of Fixed Wing Light Sport Aircraft
- F2295 Practice for Continued Operational Safety Monitoring of a Light Sport Aircraft
- F2316 Specification for Airframe Emergency Parachutes
- F2317/F2317M Specification for Design of Weight-Shift-Control Aircraft
- F2352 Specification for Design and Performance of Light Sport Gyroplane Aircraft
- F2354 Specification for Continued Airworthiness System for Lighter-Than-Air Light Sport Aircraft
- F2355 Specification for Design and Performance Requirements for Lighter-Than-Air Light Sport Aircraft
- F2356 Specification for Production Acceptance Testing System for Lighter-Than-Air Light Sport Aircraft
- F2415 Practice for Continued Airworthiness System for

- Light Sport Gyroplane Aircraft
- F2425 Specification for Continued Airworthiness System for Weight-Shift-Control Aircraft
- F2426 Guide on Wing Interface Documentation for Powered Parachute Aircraft
- F2427 Specification for Required Product Information to be Provided with Lighter-Than-Air Light Sport Aircraft
- F2449 Specification for Manufacturer Quality Assurance Program for Light Sport Gyroplane Aircraft
- F2457 Specification for Required Product Information to be Provided with Weight-Shift-Control Aircraft
- F2483 Practice for Maintenance and the Development of Maintenance Manuals for Light Sport Aircraft
- F2506 Specification for Design and Testing of Fixed-Pitch or Ground Adjustable Light Sport Aircraft Propellers
- F2507 Specification for Recreational Airpark Design
- F2563 Practice for Kit Assembly Instructions of Aircraft Intended Primarily for Recreation
- F2564 Specification for Design and Performance of a Light Sport Glider

3. Terminology

aircraft make—name assigned to the aircraft by the aircraft manufacturer when each aircraft was produced.

aircraft model—aircraft manufacturer's designation for an aircraft grouping with similar design or style of structure.

airport elevation—highest point on an airport's usable runway. **F2507**

airship—engine-driven lighter-than-air aircraft that can be steered. **F2354, F2356, F2427**

airship—engine-driven lighter-than-air aircraft that can be steered, and that sustains flight through the use of either gas buoyancy or an airborne heater, or both. **F2355**

annual condition inspection—detailed inspection accomplished once a year on a LSA in accordance with instructions provided in the maintenance manual supplied with the aircraft. The purpose of the inspection is to look for any wear, corrosion, or damage that would cause an aircraft to not be in a condition for safe operation. **F2483**

AOI—aircraft operating instructions **F2279, F2317/F2317M, F2352, F2425, F2427, F2449, F2457, F2564**

¹ This terminology is under the jurisdiction of ASTM Committee F37 on Light Sport Aircraft and is the direct responsibility of Subcommittee F37.91 on Terminology.

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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.