

## FAA Accepted ASTM Consensus Standards

Consensus Standard Topics [See Note 1]	Airplanes	Gliders	Gyroplanes [See Note 2]	Lighter- Than-Air	Powered Parachutes	Weight-Shift- Control
1 Design and Performance	F2245-14	F2564-14	F2352-14	F2355-14	F2244-14	F2317/F2317 M-10
2 Required Equipment	F2245-14	F2564-14	F2352-14	F2355-14	F2244-14	F2317/F2317 M-10
3 Quality Assurance	F2972-14 <sup>e1</sup>	F2972-14 <sup>e1</sup>	F2972-14 <sup>e1</sup>	F2972-14 <sup>e1</sup>	F2972-14 <sup>e1</sup>	F2972-14 <sup>e1</sup>
4 Production Acceptance Tests	F3035-13	F3035-13	TBD	F2356-05a	F2242-05	F2447-05
5 Aircraft Operating Instructions	F2245-14	F2564-14	F2352-14	F2427-05a	F2243-11	F2457-05
6 Maintenance and Inspection Procedures	F2483-12	F2483-12	F2483-12	F2483-12	F2483-12	F2483-12
7 Identification and Recording of Major Repairs and Major Alterations	F2483-12	F2483-12	F2483-12	F2483-12	F2483-12	F2483-12
8 Continued Airworthiness	F2295-06	F2295-06	F2415-14	F2354-05b	F2241-14	F2425-05a
9 Manufacturers Assembly Instructions [Kit builders only]	F2563-06	F2563-06	F2563-06	F2563-06	F2563-06	F2563-06
Wing Interface Documentation	N/A	N/A	N/A	N/A	F2426-13	N/A
Required Product Information	F2745-11	N/A	N/A	F2427-05a	F2243-11	F2457-05

***The following standards are to be used when required by the aircraft design standard***

Design & Manufacture of Reciprocating Spark Ignition Engines	F2339-06	F2339-06	F2339-06	N/A	N/A	F2339-06
Design and Testing of Fixed-Pitch or Ground Adjustable Propellers	F2506-13	F2506-13	N/A	N/A	N/A	N/A
Design & Manufacture of Reciprocating Compression Ignition Engines	F2538-07a	F2538-07a	N/A	N/A	N/A	N/A
Pilot's Operating Handbook (POH)	F2746-14	N/A	N/A	N/A	N/A	N/A
Design & Manufacture of Electric Propulsion Units [See Note 6]	F2840-14	F2840-14	N/A	N/A	N/A	N/A

***The following standards are optional for all aircraft***

Airframe Emergency Parachutes	F2316-12	F2316-12	F2316-12	F2316-12	F2316-12	F2316-12
Compliance Audits to ASTM Standards	F2839-11	F2839-11	F2839-11	F2839-11	F2839-11	F2839-11

***The following standards are for reference only (not to be listed on FAA Form 8130-15 Statement of Compliance)***

Standard Terminology for Light Sport Aircraft	F2626-12	F2626-12	F2626-12	F2626-12	F2626-12	F2626-12
Guide for Compliance with Light Sport Aircraft Standards	F2930-14a	F2930-14a	F2930-14a	F2930-14a	F2930-14a	F2930-14a

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**NOTE 1:** Numbered topics are specified by the preamble to the rule.

**NOTE 2:** Gyroplanes are not eligible for a special category light-sport aircraft airworthiness certificate by the rule.

**NOTE 3:** Standards published with a number in parentheses indicate the year of last reapproval.

- ~ reapproval indicates a review cycle completed with no technical changes.
- ~ reapproved standards are considered accepted by the FAA without need for a Notice of Availability (NOA).
- ~ there is no need to identify the parenthetical year of reapproval on FAA Form 8130-15, SOC.

**NOTE 4:** Standards published with a superscript epsilon ( $\epsilon$ ) indicate an editorial change since the last revision or reapproval.

- ~ standards with a superscript epsilon ( $\epsilon$ ) are considered accepted by the FAA without need for a NOA.
- ~ there is no need to identify the superscript epsilon ( $\epsilon$ ) on FAA Form 8130-15, SOC.

**NOTE 5:** An entry of "N/A" indicates there is no applicable required standard for the subject topic.

**NOTE 6:** Electric propulsion units (EPU) are not eligible for installation on light-sport aircraft by the rule.

***The following standards have been reapproved:***

**STANDARD, REAPPROVAL DATE & TITLE**

- F2242-05 (2013) - Standard Specification for Production Acceptance Testing System for Powered Parachute Aircraft
- F2243-11 (2013) - Standard Specification for Required Product Information to be Provided with Powered Parachute Aircraft
- F2316-12 (2014) - Standard Specification for Airframe Emergency Parachutes
- F2339-06 (2009) - Standard Practice for Design and Manufacture of Reciprocating Spark Ignition Engines for Light Sport Aircraft
- F2354-05b (2013) - Standard Specification for Continued Airworthiness System for Lighter-Than-Air Light Sport Aircraft
- F2356-05a (2013) - Standard Specification for Production Acceptance Testing System for Lighter-Than-Air Light Sport Aircraft
- F2425-05a (2009) - Standard Specification for Continued Airworthiness System for Weight-Shift-Control Aircraft
- F2427-05a (2013) - Standard Specification for Required Product Information to be Provided with Lighter-Than-Air Light Sport Aircraft
- F2447-05 (2009) - Standard Practice for Production Acceptance Test Procedures for Weight-Shift-Control Aircraft
- F2457-05 (2009) - Standard Specification for Required Product Information to be Provided with Weight-Shift-Control Aircraft
- F2538-07a (2010) - Standard Practice for Design and Manufacture of Reciprocating Compression Ignition Engines for Light Sport Aircraft
- F2563-06 (2010) - Standard Practice for Kit Assembly Instructions of Aircraft Intended Primarily for Recreation