

Consensus Standard Topics [See Note 1]	FAA Accepted ASTM Consensus Standards					
	Airplanes	Gliders	Gyroplanes [See Note 2]	Lighter Than Air	Powered Parachutes	Weight Shift Control
1 Design and Performance	F2245-10c or F2245-11	F2564-10 or F2564-11	F2352-09 or F2352-11	F2355-10	F2244-10	F2317/F2317 M-10
2 Required Equipment	F2245-10c or F2245-11	F2564-10 or F2564-11	F2352-09 or F2352-11	F2355-10	F2244-10	F2317/F2317 M-10
3 Quality Assurance	F2279-06	F2279-06	F2449-09	F2353-05	F2240-08	F2448-04
4 Production Acceptance Tests	F2279-06	F2279-06	F2449-09	F2356-05a	F2242-05	F2447-05
5 Aircraft Operating Instructions	F2245-10c or F2245-11	F2564-10 or F2564-11	F2352-09 or F2352-11	F2427-05a	F2243-05	F2457-05
6 Maintenance and Inspection Procedures	F2483-05	F2483-05	F2483-05	F2483-05	F2483-05	F2483-05
7 Identification and Recording of Major Repairs and Major Alterations	F2483-05	F2483-05	F2483-05	F2483-05	F2483-05	F2483-05
8 Continued Airworthiness	F2295-06	F2295-06	F2415-09	F2354-05b	F2241-05a	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	F2426-05a	N/A
Required Product Information	F2745-11	N/A	N/A	F2427-05a	F2243-05	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	F2339-06	F2339-06	F2339-06
Design and Testing of Fixed-Pitch or Ground Adjustable Propellers	F2506-10	F2506-10	F2506-10	F2506-10	F2506-10	F2506-10
Design & Manufacture of Reciprocating Compression Ignition Engines	F2538-07a	F2538-07a	F2538-07a	F2538-07a	F2538-07a	F2538-07a
Pilot's Operating Handbook (POH)	F2746-09	N/A	N/A	N/A	N/A	N/A
Design and Manufacture of Electric Propulsion Units	F2840-11	F2840-11	F2840-11	F2840-11	F2840-11	F2840-11

The following standards are optional for all aircraft

Airframe Emergency Parachutes	F2316-08	F2316-08	F2316-08	F2316-08	F2316-08	F2316-08
Compliance Audits to ASTM Standards	F2839-11	F2839-11	F2839-11	F2839-11	F2839-11	F2839-11

Other standards incorporated by reference in any of the FAA "accepted" ASTM Consensus Standards

NOTE 1: Numbered topics are specified by the rule.

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

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

~ reapproval indicates a 2-year 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, LSA Statement of

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

- ~ standards with a superscript epsilon (ϵ) are considered accepted by the FAA without need for a NOA.
- ~ there is no need to identify the superscript epsilon (ϵ) on FAA Form 8130-15, LSA Statement of Compliance.

The following standards have been reapproved

STANDARD, REAPPROVAL DATE & TITLE

- F2241-05a (2008) - Standard Specification for Continued Airworthiness System for Powered Parachute Aircraft
- F2242-05 (2008) - Standard Specification for Production Acceptance Testing System for Powered Parachute Aircraft
- F2316-08 (2010) - Standard Specification for Airframe Emergency Parachutes for Light Sport Aircraft
- F2339-06 (2009) - Standard Practice for Design and Manufacture of Reciprocating Spark Ignition Engines for Light Sport Aircraft
- F2353-05 (2010) - Standard Specification for Manufacturer Quality Assurance Program for Lighter-Than-Air Light Sport Aircraft
- F2354-05b (2010) - Standard Specification for Continued Airworthiness System for Lighter-Than-Air Light Sport Aircraft
- F2356-05a (2010) - 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
- F2426-05a (2008) - Standard Guide on Wing Interface Documentation for Powered Parachute Aircraft
- F2427-05a (2010) - 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
- F2448-04 (2009) - Standard Practice for Manufacturer Quality Assurance System for Weight-Shift-Control Aircraft
- F2457-05 (2009) - Standard Specification for Required Product Information to be Provided with Weight-Shift-Control Aircraft
- F2507-05 (2010) - Standard Specification for Recreational Airpark Design
- 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