

Light-Sport Aircraft Maintenance and Certification Requirements

	Ultralights, part 103--254 pounds EW	ELSA under §21.191 (i)-- 1,320 pounds MTOW	SLSA under §21.190--1,320 pounds MTOW	Amateur-built under §21.191 (g)--No MTOW	Primary aircraft under §21.24--2,700 pounds MTOW	Standard aircraft under §21.21--No MTOW
Registration "N" number	None	Yes	Yes	Yes	Yes	Yes
Airworthiness Certificate	None	Yes	Yes	Yes	Yes	Yes
Operating privileges and limits (may be restricted by pilot certificate or aircraft operating limitations)	Day VFR Uncongested areas only Class A, B, C, D, and surface-based E airspace; ATC permission required (no equipment required) Class E and G airspace No passengers Flight training (under part 103 two-place training exemption) Towing (under part 103 towing exemption)	Day/night VFR/IFR Congested and uncongested areas Class A, B, C, D, E and G airspace; (with part 91 equipment) One passenger Limited flight training (5 years under §91.319 (e)(2)) Towing existing fleet (under §91.319 (e)(1))	Day/night VFR/IFR Congested and uncongested areas Class A, B, C, D, E and G airspace; (with part 91 equipment) One passenger Flight training and rental Towing	Day/night VFR/IFR Congested and uncongested areas Class A, B, C, D, E and G airspace; (with part 91 equipment)	Day/night VFR/IFR Congested and uncongested areas Class A, B, C, D, E and G airspace; (with part 91 equipment) Flight training and rental Towing	Day/night VFR/IFR Congested and uncongested areas Class A, B, C, D, E and G airspace; (with part 91 equipment) Flight training and rental Commercial operations

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Mainten-ance	None	Owner- maintained	Maintenance-- Repairman (LS-M) Mechanic (A&P) Part 145 Repair station Preventive maintenance-- Sport pilot or higher	Owner-maintained	Maintenance-- Mechanic (A & P) Part 145 Repair station Preventive maintenance-- Recreation-al pilot or higher	Maintenance -- Mechanic (A & P) Part 145 Repair station Preventive maintenance – Recreation-al pilot or higher
Inspect-ions	None (1)	Annual condition-- Repairman LS – I and LS-M Mechanic (A & P) Part 145 Repair station 100-hour condition (2)-- Repairman LS-M Mechanic (A & P) Part 145 Repair station	Annual condition-- Repairman LS - M Mechanic (A & P) Part 145 Repair station 100-hour condition (3)-- Repairman LS-M Mechanic (A & P) Part 145 Repair station	Annual condition-- Repairman (experimental aircraft builder) Mechanic (A & P) Part 145 repair station	Annual condition-- Mechanic (A & P) Part 145 repair station 100-hour condition (4)-- Mechanic (A & P) Part 145 Repair station	Annual condition-- Mechanic (A & P) Part 145 Repair station 100-hour condition (4)-- Mechanic (A & P) Part 145 repair station
Airworth-iness Directives	None	None issued against ELSA	Yes – Type certificated TC/STC/PMA/TSO-approved products, if installed	None issued against amateur-built aircraft	Yes	Yes

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Safety Directives	None	None	Yes	None	None	None
FAA Type or Product-ion Certificate	No	No	No	No	Yes	Yes
Consensus Standard	No	No (5)	Yes	No	No	No