

2025 FAA Sport Pilot and LSA MOSAIC (Modernization of Special Airworthiness Certificates)

Paul Hamilton August 2025

	Ultralight Part 103	OLD/PREVIOUS	MOSAIC (late 2025)
Pilot		Sport Pilot FAR 61.301	Sport Pilot FAR 61.301
	Not Aircraft - Vehicle	Sport Pilots could fly Light Sport Aircraft (LSA) as defined below in Aircraft	Any aircraft defined with Sport Pilot Limitations as shown below in GREEN (not aircraft limitations)
		IMPORTANT NOTE: Light Sport Aircraft (LSA) is eliminated and a new Light-Sport Category is now current. Sport Pilots <u>can not</u> fly all MOSAIC Light-Sport Category airplanes since the stall speed is higher than Sport Pilots are allowed.	
Adding category/class		Two CFI with proficiency check for all category and class	Two CFI with proficiency check except airplane land and sea needs CFI recommendation and DPE checkride
			NEW MOSAIC PILOT LIMITATIONS
Max Seats/People	see vehicle	2 seats/people	2 seats/people except airplane 2 people in 4 seat
Weight	see vehicle	LSA- see aircraft	No weight limit
Max Stall Clean (Vs1)	see vehicle	LSA- see aircraft	45 knots all categories except airplanes is raised to 59 knots
Max Level Flight (Vh)	see vehicle	LSA- see aircraft	No limit
Powerplant	see vehicle	LSA- see aircraft - recip only	Any (recip, turbine, elec)
Propeller	see vehicle	LSA- see aircraft	Variable pitch with endorsement
Landing Gear	see vehicle	LSA- see aircraft	Retractable with endorsement
Pilot Endorsements	No pilot certificate	Airspace, Airspeed > or < 87 knots	Adding: controllable-pitch prop and retractable landing gear and night (with medical)
Medical	No medical eligibility. No drivers license. OK for denied, revoked or suspended FAA medical.	State issued drivers license. Most recent FAA medical not denied suspended, revoked or SI withdrawn	Same drivers license but FAA medical or Basic Med to fly at night
Altitude		10,000 MSL or 2000 AGL	10,000 MSL or 2000 AGL
Night	NO	No	Yes endorsement and FAA medical
Aircraft	Vehicle	LIGHT SPORT AIRCRAFT	LIGHT SPORT CATEGORY
N Number	no	yes	yes
Aircraft Class	any/all	Airplane, WSC, PPC, Gyro, LTA, Gliders	added Helicopter (simple controls) and Powered Lift
Max Seats/People	1	2 seats	4 seats (2 people for Sport Pilot)
Weight	254 plus floats, 155 unpowered	1320 land based, 1430 for amphibious	no limit but greater than 3000 pounds based on other criteria
Max Stall Speed	24 knots	Vs1 = 45 knots CAS clean	Vso = 61 (flaps down), Note: higher than Sport Pilot Limitation
Max Level Flight (Vh)	55 knots	120 knots CAS clean	250 knots CAS clean
Powerplant	any/all	single reciprocating	any (adding electric and turbine)
Propeller	any/all	fixed pitch, ground adjustable	adding variable pitch
Landing Gear	any/all	fixed except water retractable	adding retractable
Commercial activities	none	flight training	adding aerial services
Alterations	any/all	approved by manufacturer	approved by manufacturer
Noise	none	none	adding PART 35
Limitations	See Part 103 common sense	Same as GA, IFR training, no IMC. Can be used for Private, Commercial and ATP time	Same as GA
Fuel	5 gallons max	no limit	no limit
Maintenance		Maintenance	
SLSA (ELSA)		A&P, LSRM	A&P, LSRM
E-AB		A&P, Builder	A&P, LSRM, LSRI, Builder
Standard Category		A&P, IA	A&P, IA