

§ 61.309

§ 61.309 What aeronautical knowledge must I have to apply for a sport pilot certificate?

To apply for a sport pilot certificate you must receive and log ground training from an authorized instructor or complete a home-study course on the following aeronautical knowledge areas:

- (a) Applicable regulations of this chapter that relate to sport pilot privileges, limits, and flight operations.
- (b) Accident reporting requirements of the National Transportation Safety Board.
- (c) Use of the applicable portions of the aeronautical information manual and FAA advisory circulars.
- (d) Use of aeronautical charts for VFR navigation using pilotage, dead reckoning, and navigation systems, as appropriate.
- (e) Recognition of critical weather situations from the ground and in flight, windshear avoidance, and the procurement and use of aeronautical weather reports and forecasts.
- (f) Safe and efficient operation of aircraft, including collision avoidance, and recognition and avoidance of wake turbulence.
- (g) Effects of density altitude on takeoff and climb performance.
- (h) Weight and balance computations.
- (i) Principles of aerodynamics, powerplants, and aircraft systems.
- (j) Stall awareness, spin entry, spins, and spin recovery techniques, as applicable.
- (k) Aeronautical decision making and risk management.
 - (l) Preflight actions that include—
 - (1) How to get information on runway lengths at airports of intended use, data on takeoff and landing distances, weather reports and forecasts, and fuel requirements; and

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- (2) How to plan for alternatives if the planned flight cannot be completed or if you encounter delays.

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§ 61.311 What flight proficiency requirements must I meet to apply for a sport pilot certificate?

To apply for a sport pilot certificate you must receive and log ground and flight training from an authorized instructor on the following areas of operation, as appropriate, for airplane single-engine land or sea, glider, gyroplane, airship, balloon, powered parachute land or sea, and weight-shift-control aircraft land or sea privileges:

- (a) Preflight preparation.
- (b) Preflight procedures.
- (c) Airport, seaplane base, and gliderport operations, as applicable.
- (d) Takeoffs (or launches), landings, and go-arounds.
- (e) Performance maneuvers, and for gliders, performance speeds.
- (f) Ground reference maneuvers (not applicable to gliders and balloons).
- (g) Soaring techniques (applicable only to gliders).
- (h) Navigation.
- (i) Slow flight (not applicable to lighter-than-air aircraft and powered parachutes).
- (j) Stalls (not applicable to lighter-than-air aircraft, gyroplanes, and powered parachutes).
- (k) Emergency operations.
- (l) Post-flight procedures.

[Docket No. FAA-2001-11133, 69 FR 44869, July 27, 2004, as amended by Amdt. 61-125, 75 FR 5221, Feb. 1, 2010]

§ 61.313 What aeronautical experience must I have to apply for a sport pilot certificate?

Use the following table to determine the aeronautical experience you must have to apply for a sport pilot certificate: