

Private Pilot Requirements

Federal Aviation Regulations

62.103 Eligibility Requirements

- Must be at least 17 years of age.
- Must be able to read, speak, write and understand the English language.

61.105 Aeronautical Knowledge

- Must receive and log ground instruction or complete a home study course.
- Must pass the knowledge test within 24 months on the following aeronautical areas:
 - Applicable Federal Aviation Regulations
 - Accident reporting requirements of the National Transportation Safety Board
 - Use of the Aeronautical Information Manual and the FAA advisory circulars
 - Use of aeronautical charts for VFR navigation, dead reckoning, and navigation systems.
 - Radio communication procedures
 - Recognition of critical weather situations from the ground and in flight, windshear Avoidance, and procurement and use of aeronautical weather reports and forecasts.
 - Safe and efficient operation of aircraft, including collision avoidance, and recognition and avoidance of wake turbulence.
 - Effects of density altitude on takeoff and climb performance.
 - Weight and balance computations.
 - Principles of aerodynamics, powerplants, and aircraft systems.
 - Stall awareness, spin entry, spins, and spin recovery techniques.
 - Aeronautical decision-making and judgment.
 - Preflight action that includes:
 - How to obtain information on runway lengths, data on takeoff and landing distances, weather reports and forecasts, and fuel requirements.
 - How to plan for alternatives if the planned flight cannot be completed or delays are encountered.

61.107 Flight Proficiency

- Preflight preparation
- Airport operations
- Takeoff and Landings
 - Normal; full flaps and no flap
 - Short field
 - Soft field
 - Crosswind
 - Slips to landing
 - Emergency
- Go-arounds
- Performance Maneuvers
 - Steep Turns
 - Slow flight

Private Pilot Requirements

- ___ Ground reference maneuvers
 - ___ S turns along a road
 - ___ Circles around a point
- ___ Navigation
 - ___ Pilotage and dead reckoning
 - ___ VOR radio
 - ___ GPS radio
- ___ Stalls
 - ___ Power on
 - ___ Power off
 - ___ Accelerated
- ___ Basic instrument maneuvers
 - ___ Straight and level
 - ___ Turns, climbing and descending.
 - ___ Recovery from unusual attitudes.
- ___ Emergency operations
- ___ Night operations
- ___ Postflight procedures

61.109 Aeronautical Experience

- ___ 40 hours of flight time
 - ___ 20 hours dual
 - ___ 3 hours cross-country
 - ___ 3 hours night
 - ___ one cross-country flight of over 100 nautical miles
 - ___ 10 takeoffs and landings to a full stop
 - ___ 3 hours instrument
 - ___ 3 hours in preparation for the practical test.
 - ___ 10 hours solo
 - ___ 5 hours cross-country
 - ___ One cross-country flight of at least 150 nautical miles
 - ___ 3 takeoff and landings at a towered airport.