

Student Pilot Requirements

Transportation Security Administration regulations

- U.S. citizens must prove citizenship before beginning training.
- Resident Aliens (green Card Holders), must receive TSA clearance before beginning training.
- Visa Holders, must receive TSA clearance before beginning training.

Federal Aviation Regulations

61.83 Eligibility requirements

- Must be at least 16 years of age.
- Must be able to read, speak, write and understand the English language.

61.85 Application

- A student pilot certificate is applied form a designated medical examiner.

61.87 Solo Requirements

- Aeronautical knowledge pass a written test:
 - FARs part 61 and part 91
 - Airport procedures
 - Flight characteristics and operational limitations
- Pre Solo Flight Training
 - Pre Flight Preparation, Inspection and Planning
 - Taxing and surface operations including runups
 - Takeoffs and Landings, including normal and crosswind
 - Straight and level flight, and turns in both directions
 - Climbs and climbing turns
 - Airport traffic patterns, including entry and departure procedures.
 - Collision avoidance, wind shear avoidance and wake turbulence avoidance.
 - Descents, with and without turns using high and low drag configurations.
 - Flight at various airspeeds from cruise to slow flight.
 - Stall entries from various flight attitudes and power combinations
 - Emergency procedures and equipment malfunctions.
 - Ground reference maneuvers.
 - Approaches to a landing area and simulated engine malfunctions
 - Slips to a landing
 - Go-arounds

61.89 Student Pilot Limitations

- A student pilot may not act as pilot in command of an aircraft;
 - that is carrying a passenger
 - that is carrying property for compensation or hire
 - for compensation or hire
 - in furtherance of a business
 - on an international flight
 - with a flight or surface visibility of less than 3 statute miles during the day or 5 statute miles at night.
 - in a manner contrary to any limitations placed in the pilot's logbook by an authorized instructor

Student Pilot Requirements

61.93 Solo Cross-Country Flight Requirements

- ___ Use of aeronautical charts for VFR navigation using pilotage and dead reckoning with the aid of magnetic compass.
- ___ Use of aircraft performance charts pertaining to cross country flight.
- ___ Procurement and analysis of aeronautical weather reports and forecasts.
- ___ Emergency procedures
- ___ Traffic pattern procedures that include area departure, area arrival, entry into the traffic pattern, and approach.
- ___ Procedures and operating practices for collision avoidance, wake turbulence precautions, and windshear avoidance.
- ___ Recognition, avoidance, and operational restrictions of hazardous terrain features in geographical area where cross country flight will be flown.
- ___ Procedures for operating the instruments and equipment installed in the aircraft to be flown.
- ___ Use of radios for VFR navigation and two-way communications.
- ___ Takeoff, approach, and landing procedures, including short-field, soft-field and cross-wind takeoffs, approaches, and landings.
- ___ Climbs at best angle and best rate.
- ___ Control and maneuvering solely by reference to flight instruments, including straight and level flight, turns descents, climbs, use of radio aids, and ATC directives.