



Solo Requirements for Student Pilots.

61.83 The student must receive and log flight training for the following maneuvers and procedures and demonstrated satisfactory proficiency and safety, as judged by an authorized instructor on these maneuvers and procedures. They must be accomplished in the make and model of aircraft or similar make and model of aircraft to be flown. 61.83 The student must be at least 16 years old.

Training 61.87(c)

Completion Date
and CFI Int.

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| _____ | (1) Proper flight preparation procedures, including preflight planning and preparation, powerplant operation, and aircraft systems; |
| _____ | (2) Taxiing or surface operations, including runups; |
| _____ | (3) Takeoffs and landings, including normal and crosswind; |
| _____ | (4) Straight and level flight, and turns in both directions; |
| _____ | (5) Climbs and climbing turns; |
| _____ | (6) Airport traffic patterns, including entry and departure procedures; |
| _____ | (7) Collision avoidance, windshear avoidance, and wake turbulence avoidance; |
| _____ | (8) Descents, with and without turns, using high and low drag configurations; |
| _____ | (9) Flight at various airspeeds from cruise to slow flight; |
| _____ | (10) Stall entries from various flight attitudes and power combinations with recovery initiated at the first indication of a stall, and recovery from a full stall; |
| _____ | (11) Emergency procedures and equipment malfunctions; |

(12) Ground reference maneuvers;

(13) Approaches to a landing area with simulated engine malfunctions;

(14) Slips to a landing; and

(15) Go-arounds.

Testing

Completion Date
and CFI Int.

1. 61.23(a)3(iii) Successfully pass a third class medical exam and hold a medical/student pilot certificate

2. 61.87(b) Successfully pass a written exam administered by his/her instructor. This test will cover:
(i) Applicable FAR from parts 61 and 91
(ii) Airspace rules and procedures for the airport where the solo flight will be performed
(iii) Flight characteristics and operational limitations for the make and model of aircraft to be flown.

Endorsements

The student pilot must have the following written endorsements

1. Log book - Presolo aeronautical knowledge, administered by the student's authorized instructor: 61.87(b)

2. Log book - completion of 61.87(c) presolo flight training

3. Student pilot certificate - solo for make and model by an authorized instructor 61.87(n)1

4. Log book - 90 day solo for make and model by the instructor who gave the training within the 90 days preceding the flight 61.87(n)2 and 61.87(p)

5. Log book - V_H endorsement for sport pilots