

PRIVATE PILOT REQUIREMENTS (SINGLE-ENGINE)

(please refer and use the official publication FAR part 61 for latest update)

To be ELIGIBLE for a PRIVATE PILOT certificate, a person must :

AGE	17
LANGUAGE	Be able to read, speak, write, and understand the English language
PHYSICAL	Obtained a 3 rd class medical certificate
TRAINING	<ul style="list-style-type: none">• Pass a written knowledge test• Complete the APPROPRIATE TRAINING• Meet the aeronautical experience• Pass a practical test

GROUND TRAINING

Receive and log ground training from an authorized instructor or complete a home-study course on the following aeronautical knowledge areas:

- (1) Applicable **Federal Aviation Regulations** to private pilot privileges, limitations, and flight operations;
- (2) **Accident reporting requirements** of the National Transportation Safety Board NTSB;
- (3) Use of the applicable portions of the "**Aeronautical Information Manual**" and **FAA advisory circulars**;
- (4) Use of **aeronautical charts** for VFR navigation using pilotage, dead reckoning, and navigation systems;
- (5) **Radio communication** procedures;
- (6) Recognition of **critical weather situations** from the ground and in flight, windshear avoidance, and the procurement and use of aeronautical weather reports and forecasts;
- (7) Safe and efficient **operation of aircraft**, including collision avoidance, and recognition and avoidance of wake turbulence;
- (8) Effects of **density altitude** on takeoff and climb performance;
- (9) Weight and balance computations;
- (10) **Principles of aerodynamics, powerplants, and aircraft systems**;
- (11) **Stall awareness, spin entry, spins, and spin recovery** techniques;
- (12) **Aeronautical decision making** and judgment (ADM);
- (13) **Preflight action** that includes:
 - How to obtain information on runway lengths at airports of intended use, data on takeoff and landing distances, weather reports and forecasts, and fuel requirements; and
 - How to plan for alternatives if the planned flight cannot be completed or delays are encountered.

APPROPRIATE FLIGHT TRAINING

- 40 hours of total time (at least)
- includes at least 20 hours of flight training from an authorized instructor
- 10 hours of solo flight training

FLIGHT TRAINING HOURS MUST INCLUDE

- (1) **3 hours of cross-country flight training** in a single-engine airplane;
- (2) **3 hours of night flight training** that includes:
 - a. One cross-country flight of over 100 nautical miles total distance;
 - b. 10 takeoffs and 10 landings to a full stop (with each landing involving a flight in the traffic pattern) at an airport
- (3) **3 hours of flight training solely by reference to instruments**
- (4) **3 hours of flight training in preparation for the practical test** in a single-engine airplane, which must have been performed within 60 days preceding the date of the test
- (5) **10 hours of solo flight time** in a single-engine airplane, consisting of at least:
 - a. **5 hours of solo cross-country time**
 - b. **One solo cross-country flight of at least 150 nautical miles total distance** with full-stop landings at a minimum of three points, and one segment of the flight consisting of a straight-line distance of at least 50 nautical miles between the takeoff and landing locations; and
 - c. **Three takeoffs and three landings to a full stop (with each landing involving a flight in the traffic pattern) at an airport with an operating control tower**

FLIGHT TRAINING INCLUDES

- I. Four Fundamentals of Flight
- II. Basic Instrument Maneuvers
- III. Slow Flight and Stalls
- IV. Emergency Operations
- V. Steep Turns
- VI. Ground Reference Maneuvers
- VII. Go-Around
- VIII. Forward Slip to a Landing
- IX. Short-Field Takeoffs and Landings
- X. Soft-Field Takeoffs and Landings
- XI. Navigation and Cross country
- XII. Night flight

PRACTICAL TEST CHECKLIST

- ✚ Aircraft documents (AROW)
- ✚ Aircraft maintenance records
- ✚ View limiting device
- ✚ Computer, plotter and Flight plan forms
- ✚ Current FARs/AIM, Airport/Facility Directory and Publications
- ✚ Identification and photo ID
- ✚ Pilot's logbook with endorsements
- ✚ Medical certificate
- ✚ Computer written test report
- ✚ IACRA subscription with application completed
- ✚ Examiner's fee