AIR ASSOCIATES of Kansas

Cessna A Textron Company

Why Should You Learn To Fly?

We use the Cessna 172 – the world's most popular flight training aircraft

It's FUN and EASY!!

Gain Satisfaction From Acquiring a New Skill – you can use every day!

Several Aircraft Feature the Garmin G-1000 Panel

Why Air Associates?

Expand your business reach and opportunities

Gain access to over 12,000 airports and landing strips in the united states

Avoid big airport security and delays

- **Highly Trained Professional Instructors**
- **State of the Art New Cessna Aircraft**
- **Structured, Computer Based Flight Training Curriculum**

Enhance your lifestyle

Have more FUN getting there

Travel farther and faster

Enjoy more weekend, day-trips and vacations

We're on the East Side of Johnson County Executive Airport

Want to Learn More? Call us and we'll show you how to get started today!! 913.764.4800 or www.airassociatesinc.com

12901 W. 151st Street, Hanger #3
Olathe, KS 66062

Private Pilot Certification
Data Sheet

1) What does it take for an individual to get their private pilots license?

To be eligible for a private pilot certificate, a person must:

(a) Be at least 17 years of age at the time of flight testing
(b) Be at least 16 years of age when eligible to solo
(c) You must be trained by an FAA Certified Flight Instructor
(d) You must pass an FAA written examination by taking ground school and or performing home study with respect to required **Aeronautical Knowledge**
(e) You must pass an aeronautical flight test and meet certain **Aeronautical Experience Requirements**

2) What is meant by Aeronautical Knowledge?

The prospective pilot must demonstrate knowledge of the following:

(a) Use of the applicable portions of the "Aeronautical Information Manual" and FAA advisory circulars
(b) Use of aeronautical charts for VFR navigation using Pilotage, deduced (dead) reckoning, and navigation systems
(c) Radio communication procedures
(d) Recognition of critical weather situations from the ground and in flight, wind shear avoidance, and the procurement and use of aeronautical weather reports and forecasts
(e) Safe and efficient operation of aircraft, including collision avoidance, and recognition and avoidance of wake turbulence
(f) Effects of density altitude on takeoff and climb performance
(g) Weight and balance computations
(h) Principles of aerodynamics, power plants, and aircraft systems
(i) Stall awareness, spin entry, spins, and spin recovery techniques for the airplane and glider category ratings
(j) Aeronautical decision making and judgment; and
(k) Preflight action that includes—
  i. 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
  ii. How to plan for alternatives if the planned flight cannot be completed or delays are encountered
(l) Accident reporting requirements of the National Transportation Safety Board

3) What is meant by Aeronautical Experience Requirements?

A person who applies for a private pilot certificate with an airplane category and single-engine class rating must log at least 40 hours of flight time that includes at least 20 hours of flight training from an authorized instructor and 10 hours of solo flight.

The flight training must include:

a) 3 hours of cross-country flight training in a single-engine airplane
b) 3 hours of night flight training in a single-engine airplane that includes—
  (i) One cross-country flight of over 100 nautical miles total distance; and
  (ii) 10 takeoffs and 10 landings to a full stop (with each landing involving a flight in the traffic pattern) at an airport
c) 3 hours of flight by instruments
d) 10 hours of solo flight time in a single-engine airplane, consisting of at least—
  (i) 5 hours of solo cross-country time
  (ii) 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
  (iii) 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

4) How long does it take to get a license & how frequent are the lessons?

Lesson time can be structured to meet any busy person's requirements, however, we recommend flying at least twice per week. The average license can be obtained anywhere from 4 to 7 months. You should be aware that at times weather can interfere with a normal training schedule.

5) What are the costs?

Costs can vary depending upon the motivation of the student, study habits, flying ability and the frequency devoted to flight lessons. The following items are typically part of the normal costs:

(a) 40 – 60 hours of aircraft rental
(b) 20 – 30 hours of flight instruction
(c) CPC pilot Training materials
(d) Flight Testing fee
(e) FAA Written Examination Fee
(f) FAA Physical Examination

Expect at spend at least $8000

6) What kind of aircraft will I learn in?

The bulk of the Air Associates fleet consists of modern Cessna 172 Aircraft just like the one pictured to the right. We have also recently acquired several new Cessna aircraft with the Garmin G1000 glass cockpit. Our informative instructors would be happy to show you the recent advances in aviation navigation and flight instrumentation. It's state of the art!!