

Your Discovery Flight

During this flight, you will learn the basics of General Aviation and aerodynamics. You will take control of the airplane and get to see beautiful Northern Virginia from the air.

Safety

Our #1 priority for today's flight is safety. Follow all instructions from your instructor and always be aware of hazards. Treat all propellers as if they are operating – stay clear!

What to Know Beforehand

Dress comfortably with closed toed shoes. Bring a light jacket, even in warm weather and sun glasses. Feel free to take pictures or videos. We have two rules for your first flight: Be Safe & Have Fun!

Your Instructors



Our Airplane

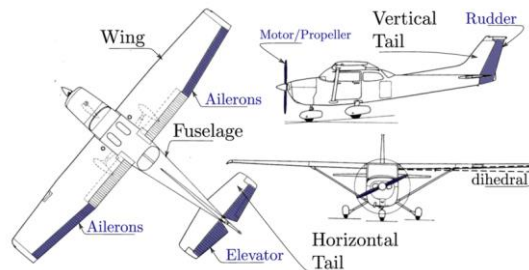
The Cessna 172 is a single-engine aircraft widely used in General Aviation. With over 44,000 produced since 1955, it is the most successful airplane ever built!

Cessna "6 - 7- 6 - Charlie - Hotel"

Our beautiful airplane, tail # N676CH has been with us since July 2018.

- 160 horsepower engine
- Cruising speed of 100 KTS (115 MPH)
- Max gross weight on takeoff – 2300 lbs
- Runs on 100 octane low-lead aviation fuel

Components of the Airplane



What's Next

Learning to fly is an adventurous undertaking, giving a sense of accomplishment known to few. If you choose to pursue aviation further, you will start with your FAA Private Pilot's License.

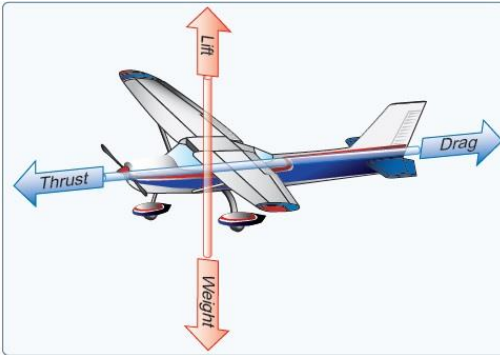
- 40 Flying Hours Minimum
- FAA Written Exam
- Medical Exam
- Practical Flying Exam

Advanced licenses and ratings include:

- Instrument Rating
- High Performance & Complex Aircraft Endorsements
- Commercial Pilot's License
- Certificated Flight Instructor Rating
- Airline Transport Pilot License

Introduction to Flight

Four Forces of Flight



Aircraft Controls



- Yoke – controls Ailerons & Elevators
- Rudder Pedals – controls Rudder & Nose Wheel
- Throttle – controls power



At Take Off Aviation, we love to fly for the freedom and tranquility that can only come from being in total control of an aircraft, 5,000 feet above the hectic world. Join us and learn how that feels!



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Instructors: Tim Lewis

Haylee Cousins

Chad Muse



Where your dreams of aviation Takeoff!

Discovery Flight Information

Welcome, and thank you for choosing Takeoff Aviation, located at Harry P. Davis Field in historic Manassas, Virginia! You are about to step in to the amazing world of aviation!

