



2154 Highway 136 West

Henderson, KY 42420

Phone: (270) 826.6000

Fax: (270) 826.6040

[www.DonDavisAviation.com](http://www.DonDavisAviation.com)



## **Flight Training Information Packet**

Don Davis Aviation has been teaching people to fly since 1957. When you enroll with us, you aren't just given a seat in a crowded classroom, you're given highly personalized one-to-one training from our professional staff of flight instructors.

## PROFESSIONAL PILOT TRACK

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*If you are looking to start a career or you have just always wanted to learn how to fly, Don Davis Aviation can provide you with that training.*

*We offer training for aspiring Private Pilots all the way up to those looking to pursue a Commercial Certificate. The training we offer is listed below.*

*Private Pilot Certificate:* Allows the pilot to fly single-engine airplanes without getting paid to do so. Private pilots are required to complete 40 hours of flight training, although the average is 50-70 hours. With a private pilot certificate, you may fly single engine airplanes with passengers. The private pilot certificate allows a pilot to fly in fair weather day and night.

*Instrument Rating:* This allows the pilot to fly in marginal weather conditions. This rating is added to a Private Pilot Certificate. Instrument pilots are required to complete 40 hours of instrument training. With the increased ability to fly in some marginal weather conditions, this can potentially lead to less canceled flights.

*Commercial Certificate:* Allows the pilot to fly airplanes for hire. This includes a selection of jobs such as aerial photography or surveying and conducting sightseeing tours. Commercial pilot candidates are required to have at least 250 hours of flight time and 20 hours of commercial training.

*CFI (certified flight instructor):* A CFI certificate allows you to teach others how to fly. Most, but not all aviation careers begin with Flight Instructing. A good flight instructor is knowledgeable and has a passion for aviation.

## CAREER PROGRESSION

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If you are looking for a career in aviation, there are numerous career paths, and an aspiring student shouldn't limit themselves to assuming airline flying is all you can really do. The options are numerous and include but are not limited to corporate, charter, air-ambulance, agriculture, bush flying, humanitarian, and others. A typical career path may include flight instructing to build time to qualify for the airlines, or if airlines aren't your goal you may find one of the options listed above more to your liking.

Not only is our website very informational, you may find further information at these listed below.

Don Davis Aviation <http://dondavisaviation.com/>

FAA <http://www.faa.gov/>

AOPA <http://www.aopa.org/>

Jetcareers <http://forums.jetcareers.com/>

# PRIVATE PILOT AND INSTRUMENT RATING

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## **Private Pilot**

Private pilot training is divided into three stages:

Pre Solo	The first stage prepares you for solo flight. You will learn basic flight maneuvers, communications and landings as well as aerodynamics and regulations. The emphasis is on safe operation of the airplane in the local area. The first time you fly an airplane solo will be one of the most amazing moments in your life.
Cross Country	In flight training, cross country is simply a flight to an airport that is 50 miles away. In preparation for flying a solo cross country you will make a few of these flights with your instructor, learning how to navigate using aeronautical charts and radio aids to navigate. Once you are ready you will complete solo flights to other airports.
Checkride Preparation	Before you receive your private pilot certificate, you will need to pass a checkride. A checkride is analogous to the test you take to get your driver's license. The third and final stage of flight training prepares you for this test. You will review and practice all of the flight maneuvers you have learned until they meet the standards required to pass your checkride.

## **Instrument Rating**

Instrument training is divided into four stages: Keep in mind this rating is optional and added after you have received your Private Pilot Certificate.

Basic Attitude Instrument	You will learn to fly basic maneuvers by looking only at your instruments. During instrument flights, you will use a view limiting device to prevent you from seeing outside the airplane.
Radio Navigation	You will learn how to use radio aids for navigation to find your way around the airspace.
Approaches	During the third stage of instrument training, you will learn how to find the airport, line up with the runway, and descend for landing—all without looking outside. This builds upon the foundational skills learned during basic attitude instrument training and radio navigation training. It requires and develops an ability to multi-task, as you control the airplane, navigate, and communicate with air traffic control, all at the same time.
Cross Country Procedures & Checkride Preparation	The final stage takes you away from the local area, as you learn cross country procedures while in the instrument environment. Then you review all of the skills learned in preparation for another checkride.

## PRIVATE PILOT TRAINING AND REQUIREMENTS

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Flight Time Required	40 hours minimum which consists of at least 20 hours minimum of flight with an instructor and 10 hours minimum of solo flight. The average student requires 50-70 hours total.
Ground School	Mostly self-study, supplemented with one-on-one instruction at Don Davis Aviation.
Documentation	3 <sup>rd</sup> class medical certificate is not required until your first solo flight, but encouraged much sooner. Proof of citizenship (or TSA approval) is also a requirement.
Scheduling	Frequency of scheduling is entirely up to the student. Don Davis Aviation recommends two to three lessons each week.

## COST OF FLIGHT TRAINING

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One of the biggest concerns with flight training is the cost. The amount of money needed for flight training can vary greatly depending on how many hours you need to complete your training.

The FAA requires 40 hours of flight time to obtain a Private Pilot license. Although it is possible to become a pilot at 40 hours, it is quite normal for a person to have 50-70 hours prior to receiving the Private Pilot certificate. The following is typical of what your training will cost at the **FAA minimum**:

Books and Materials		\$300.00	
Medical Certificate		\$100.00	
Aircraft Rental	40 Hours	\$118.00 per Hour	\$4,720.00
Flight Instruction	30 Hours	\$50.00 per Hour	\$1,500.00
Ground Instruction	10 Hours	\$30.00 per Hour	\$300.00
FAA Written Test		\$150.00	
FAA Practical Test		\$500.00	
		Total	\$7,570.00

### *Miscellaneous Costs*

Headset Rental                      \$3.00 per Hour

*Please Note:*

*\*The aircraft rental rate shown here is for our Cessna 172 aircraft. If you prefer a Diamond DA40, plan on \$37 per hour more for the aircraft for an overall increase of \$1,850.00.*

*\*\*Note that this is an estimate depending on how regularly you fly, you may be able to get your license at the FAA minimum.*

*\*\*Prices are subject to change.*

Request our price sheet list for hourly rates for each aircraft, flight fees, flight instructors, books and materials. If you have any questions, feel free to call Don Davis Aviation for more information.

# REQUIREMENTS

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## Age

You may apply for a student pilot certificate and fly solo when you are 16 years of age or older. When you are 17, you may apply for a private pilot certificate.

## Medical

The FAA requires a medical examination before your first solo flight. We recommend obtaining your medical certificate before you begin training, to ensure you have no disqualifying conditions before investing your time and money. Only approved Aviation Medical Examiners (AME) may conduct flight physicals for issuance of medical certificates. (Unless it is under BasicMed, please ask your flight instructor about this.)

Medical certificates come in three classes: first, second, and third, with first being the most limited and third having the least limitations. Student pilots only need a third-class medical. Any pilot with career aspirations should consider obtaining a first-class medical, as many operations will require this.

## English

English is the language of aviation, you must be able to read and speak it fluently. If you understand this document, chances are you meet this requirement.

## Proof of Citizenship / TSA Approval

The Transportation Security Administration requires flight schools to ascertain proof of US citizenship for all students. The documents required include a US passport, or a government-issued photo identification AND a US birth certificate.

Non-citizens must receive TSA authorization prior to beginning flight training. The process is initiated by visiting the website [www.flightschoolcandidates.gov](http://www.flightschoolcandidates.gov) and following the steps listed there. During the process, you will have to pay a \$130 fee and have fingerprints taken for a background check.

# PHYSICALS FOR PILOTS

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Name	Address	Phone	Cost
Dr. David Greer	10455 Orthopedic Drive Newburgh, Indiana 47630	(812) 858-2100	\$120.00
William D. Ritchie	567 Olmstead Ave. Evansville, IN 47711  NOTE: Appts M-T-W 8am to 12n	(812) 424-2649	\$120.00

\*To begin paperwork for your medical, visit <https://medxpress.faa.gov>

## BENEFITS

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**The benefits of learning to fly range from personal satisfaction to an exciting career:**

- **Self-fulfillment.** Few things top the feeling of accomplishment you experience after your first solo flight. When you achieve your pilot certificate you join the ranks of all the pilots who came before you.
- **Family travel.** You can significantly reduce the hours of travel time by automobile. By piloting an aircraft you can avoid the hassles of commercial air travel and fly into more airports.
- **Find a new career.** We call it ‘Living the Dream.’ Earn a living doing what you love! The aviation industry needing pilots now and future projections are forecasting an even greater need. Now is a great time to prepare to enter the workforce.
- **Enhance your business.** Instead of relying on airline travel, fly your own aircraft to business meetings, saving time and money.
- **Exciting new hobby.** Flying is a wonderful way to spend weekends and days off. Imagine the enjoyment of your friends and family as you share your love of aviation with them.

**What you will be able to do with a Private Pilot Certificate**

- Escape the ordinary with a “hundred-dollar hamburger.”
- Avoid long car trips by flying your family to your vacation destination.
- Make it to your business meeting without the hassles of ticketing and security lines.
- Continue training for an exciting new career.
- Build lifetime friendships as you share stories and experiences with other pilots.

## IS IT DIFFICULT TO LEARN TO FLY?

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**Learning to fly is a challenging process.**

- Flight training is not a physically demanding process, but does require hand-eye coordination and the ability to multi-task.
- Ground school subjects include navigation, basic physics, and aviation regulations.
- During some maneuvers, you may experience slight G-Forces. If you do not experience motion sickness while in a moving car, you will most likely be comfortable in the airplane.

**Obstacles to flight training and how to deal with them.**

- **Work & Family Obligations** – We know you can’t plan for a lot of things in life, but begin training when the distractions of life are at a minimum.

- **Financial Constraints** – Set aside the necessary funds prior to beginning training.
- **Learning Plateaus** – Network with other pilots to share experiences, understand that plateaus are a normal part of the process and our CFI's are experienced in moving you forward when they occur.
- **Weather** – Kentucky weather can be challenging during certain seasons. Schedule often to make up for weather cancellations.
- **Health Issues** – Common disqualifiers include heart problems, diabetes, emotional health, and medications. In some cases, a special issuance can be made. Talk to an Aviation Medical Examiner (AME) if you have concerns.
- **Unrealistic Goals or Expectations** – Like any skill that must be learned, flight training can be frustrating at times. Talk to your Certified Flight Instructor (CFI) about what you expect to accomplish and revisit your goals often. Trust his or her evaluation of your skills. Remember-- each student learns in their own way.
- **Anxiety or Fear** – Be honest about any anxiety or fears you have prior to or during flights so you're CFI can help you work through them.

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## IS IT SAFE?

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### Airplanes

Airplanes are built and maintained to strict federal regulations. They are also subject to scheduled inspections. All planes are required to have a thorough check annually. Planes that are used for hire, like the ones at Don Davis Aviation, receive that same extensive inspection after every 100 hours of use. Additionally, the pilot conducts a thorough preflight inspection before each flight.

### Weather

Most weather hazards can be avoided by, simply put, avoiding hazardous weather. Our flight instructors will teach you to analyze current and forecast weather conditions to make a safe decision regarding each of your flights. Our CFI's emphasize hazardous weather avoidance;

### Decision Making

Airplanes are only as safe as the pilot flying them, and safe flying requires skill and knowledge combined with decision making. At DDA, we will train you to our high safety standards. This includes practical experience handling situations that arise in-flight, deciding if the weather is safe, and recognizing your own limitations.

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## WHY DON DAVIS AVIATION?

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**Don Davis Aviation is small enough to be personal, and big enough to be professional.**

- We get to know our students; we know their names and where they are in their training.
- We work closely with the FAA to ensure compliance with regulations for safety.
- Our fleet is large enough to make airplanes available when you want to schedule.
- We are flexible with our students.

### Location, Location, Location

- We are your local flight school
- Henderson County Airport is an ideal place to learn to fly. You will become comfortable sharing the skies.
- We are based at a non-towered airport, which means less distractions and more flying. Towered airports are only 15 minutes away so you will receive experience there as well.

### **Our Staff of Professionally Trained Flight Instructors**

- Our courteous and professional flight instructors look forward to passing their knowledge onto you.
- Each of our instructors has a passion for aviation and enjoys sharing it.
- Safety is paramount for all of our instructors, in all of our operations.

## **HOW TO GET STARTED**

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### **The best way to start flight training is to fly!**

Don Davis Aviation offers an introductory flight lesson that lets YOU fly the airplane. You will be taught the basics of flying and will learn how an airplane actually works. During this lesson, you will learn about various components, how the airplane flies, and how to ensure the aircraft is safe for flight. After a flight briefing, you will be given the opportunity to fly with a flight instructor around the local area. YOU will be doing most of the flying. After landing you will be given the opportunity to ask any questions you may have. You can get an introductory flight lesson with us in our DA40 for \$69.00 flat rate.

*Chances are you will catch the aviation bug, like all of us at DDA!*

### **How to Contact Don Davis Aviation**

Telephone: (270) 826-6000

Email: [customerservice@dondavisaviation.com](mailto:customerservice@dondavisaviation.com)

Website: [www.dondavisaviation.com](http://www.dondavisaviation.com)

Location: 2154 Highway 136 West  
Henderson, Kentucky 42420