



Providing Flight Training at:

The G. O. Carlson / Chester County Airport  
Business Route 30, in Valley Township

1 Earhart Drive, Suite 4, Coatesville, PA 19320  
610-384-9005

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

# Chester County Aviation

WHETHER YOU ARE JUST LEARNING TO FLY,  
UPGRADING YOUR RATINGS,  
OR NEED RECURRENCY TRAINING

## Chester County Aviation

IS THE PLACE FOR YOU!

Offering flight training at the G.O. Carlson/Chester County Airport, in Coatesville, Chester County Aviation is proud to provide:

- Flight instructors who are dedicated to providing Professional Flight Training
- A well-known and widely respected Flight Training School
- A variety of well-maintained aircraft

Introductory “Discovery” Flights are only \$109.50\* in a Cessna 172  
Make that appointment for your Discovery Flight and experience for  
yourself what Flying is all about.

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\* Plus applicable PA Sales Tax

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## **Chester County Aviation – A Pilot Learning Center**

The sky is calling and it's for you! If you've ever dreamed about true freedom, you'll find becoming a pilot to be a dream come true. Flying removes boundaries; extends horizons. It brings you closer to the ones you love, and the places you love to be. Most important, being a pilot is a great adventure and like anything truly worthwhile, it is a journey.

Your journey begins at Chester County Aviation, with an unparalleled, state of the art training program. You will learn in a friendly, comfortable atmosphere with knowledgeable, accommodating instructors. We feature the newest revelation in flight training – an interactive, on-line curriculum – an industry trend setter. As a CCA student, your options for your training aircraft include the Cessna 172 with full “glass” electronic instrument panel or any of our other well-equipped and maintained Cessna or Piper aircraft.

Learning to fly is an investment; an investment we're certain can positively change your future personally and professionally. That's why choosing to learn at Chester County Aviation is so important. In fact, you'll find learning to fly is far more fun, convenient and affordable than you ever dreamed it would be. Now is the time to realize your dreams!

### **Why Chester County Airport?**

Chester County Airport provides an ideal setting for training. Learning to fly at this airport allows you to mix with other general aviation aircraft, corporate aircraft of various sizes and varied helicopter traffic. Each lesson at Chester County Airport, unlike many other airports, will expose you to a variety of different circumstances and aircraft that will improve your proficiency in the national airspace system and make you a better, safer pilot.

### **The Discovery Flight**

Many people are interested in flying, and would like to find out more about it. Chester County Aviation offers the Discovery Flight – a short flight with an instructor, who will then answer your questions about flight training. **You** will have an opportunity to fly our newest Cessna 172 during this flight. Our Discovery Flight is an inexpensive way to learn about flying and to have your questions about flight training answered. Call for an appointment; you will not regret it!

### **Transportation Security Administration (TSA)**

Security rules require flight training students to present proof of U.S. citizenship before any flight training can begin. A valid U.S. Passport or an original birth certificate plus photo identification will meet this requirement. If you are not a U.S. Citizen, please speak with an Instructor about the requirements you must meet before you may begin flight training.

## **The Private Pilot Certificate**

When learning to fly and depending on the selection you make, you will be working toward obtaining your Private Pilot Certificate. This certificate is similar to obtaining a driver's license and will allow you to fly most anywhere in the country, day or night, in good weather.

To obtain the Private Pilot Certificate, the FAA requires a minimum of 40 hours of flight time, at least 20 of which must be with an authorized instructor. There are certain requirements that must be fulfilled (e.g. various types of landings and takeoffs, particular maneuvers, trips (cross-country) over 50 miles...etc.) during those hours of flying time. While 40 hours are required, most students average 55 to 65 hours, because of school, work and family obligations, before they obtain their Private Certificate.

As a Private Pilot, you may:

- Fly and take along family or friends
- Fly in good weather, day or night
- Earn you instrument rating - fly in conditions unsuitable for visual flight
- Fly to airports in busy and complex airspace

## **Training with Chester County Aviation for your Pilot Certificate**

Chester County Aviation trains you for your Pilot Certificate using a Web-Based Instruction (WBI) course developed by King Schools in conjunction with the Cessna Aircraft Company. Our instructors teach within the framework of this structured program and guide you through the requirements for your Pilot Certificate.

The majority of your ground training will be provided by the Cessna WBI curriculum, combined with pre- and post-flight discussions with your instructor to answer your questions and provide specific information about your training aircraft. The WBI kit includes your course log-in, a pilot logbook and a flight computer. Also included in the course is an on-line library with an abundance of aviation related books, aircraft handbooks, websites, etc. This program provides the structure for training and progress on the way to your Private Pilot License.

Advantages to the WBI include:

- You can study anywhere you have internet access – at home, work or while traveling;
- You are able to demonstrate your comprehension of the material being taught and reinforce your knowledge through interactive exercises;

- You will learn in a comfortable environment at your own pace. You and your instructor will work together, using the WBI course as a learning tool and to track your progress.
- The information covered in the on-line lessons and video segments prepares you for your flight lessons, making those lessons more efficient.
- At the completion of your ground training, you will be ready for the FAA knowledge exam.

For Private Pilot, an FAA physical examination is required during your training and prior to your first solo flight. This is a basic physical that tests your eyes, ears, reflexes, etc. We recommend you get your student pilot/medical certificate as early in your training as possible. Many doctors in the area are FAA Medical Examiners. See us for one convenient to you.

Flight training for the Private Pilot is divided into three basic stages. In Stage One, you will learn the basic flight maneuvers, takeoffs and landings and emergency procedures. At the completion of this stage, you will be ready for and make your first solo flight. Stage 2 introduces the key principals of navigation and special takeoff and landing techniques that you may use at different airports. You will also learn about the unique considerations for flight at night. During this stage, you will fly to other airports, both with and without your flight instructor. In the final stage, flight proficiency is improved for your final flight review and flight test recommendation.

All solo students and aircraft renters at CCA are required to have Non-Owned Aircraft (Renter's) Insurance for all solo flights. This coverage protects you in the event of an incident from the financial responsibility for our insurance policy deductible on each aircraft (currently \$5000).

## **Examinations for Your Pilot Certificate**

During your ground and flight training, you will be preparing for the FAA airman knowledge (written), oral and practical examinations. The FAA knowledge exam consists of 60 questions for Private Pilot, covering simple aerodynamics and theory, aircraft operations, FAA regulations, weather and navigation. When you have completed your ground and flight training, you will take your Practical Test. This test consists of an oral examination and a flight test with a FAA designated pilot examiner. Upon successful completion of the exam, you will receive your Pilot Certificate. You can take your FAA Airman Knowledge Exam at your choice of a PSI/Lasergrade or a C.A.T.S Testing location. .

## **Certificates & Ratings you can obtain with CCA**

Each certificate/rating (except for the Student Pilot Certificate) requires a flight test.

### **Student Pilot Certificate**

You are a student pilot from the time you begin your first lesson until you obtain your Private Pilot Certificate. Your Student Pilot Certificate / Medical Certificate is issued by the Aviation Medical Examiner at the completion of your physical exam and is required for all students. As a student pilot, you fly under the supervision and guidance of your instructor.

### **Private Pilot Certificate**

This certificate allows you to fly throughout the United States (and other countries, with certain restrictions) with passengers, day or night. You cannot fly for compensation or hire, or when the weather does not satisfy certain minimum cloud height and visibility conditions.

### **Instrument Rating**

The instrument rating opens up a new dimension of flying for the private pilot. Low clouds and precipitation may no longer prevent you from flying to your destination. Again, a structured curriculum is used for your training, with the Instrument – Web Based Instruction course (I-WBI) from Cessna. Ground training is accomplished by self-study with the I-WBI and support from your instructor. Instrument flight training can be conducted in any of our aircraft.

### **Commercial Pilot Certificate**

This certificate allows a pilot to fly for compensation or hire. To obtain the Commercial Certificate, you must pass an additional knowledge exam and perform a number of maneuvers that display your skill in handling an aircraft. A minimum of 250 flight hours are required to test for the Commercial Pilot Certificate.

### **Certified Flight Instructor**

There are two instructor certificates that you can earn at CCA:

#### **Certified Flight Instructor – Airplane (CFI-A)**

This certificate allows you to teach pilots who wish to obtain their Sport Pilot, Private Pilot or Commercial Pilot certificates. To become a CFI, you must first hold a Commercial Pilot Certificate with ratings for Airplane Single-Engine and Instrument Airplane.

#### **Certified Flight Instructor- Instrument (CFI-I)**

This allows you to teach pilots who wish to obtain their instrument rating.

### **Airline Transport Pilot (ATP) Certificate**

The “ATP” is necessary to be a captain for hire in an air carrier operation or certain corporate positions. A minimum of 1500 flight hours is required for the ATP.

## Flight School and Rental Price Information

Weather permitting, we fly seven days a week.

Flight lessons are by appointment using an on-line program, and are scheduled at your convenience. The Hobbs (hours) meter calculates charges for the aircraft. The instruction charge is also on an hourly basis and is calculated on the amount of flight and ground instruction time your instructor devotes to you. Pre- and post-flight briefings and critiques are invaluable and help you get the greatest benefit from the time you spend in the airplane.

Aircraft Rental	Rate per Hour
Cessna 152	\$ 114.00
Cessna 172S (G-1000 "Glass Panel")	\$ 154.00
Cessna 172N	\$ 134.00
Piper Archer II (2 Available)	\$ 144.00 or \$134.00
Piper Arrow 200 (Complex)	\$ 154.00
Piper Cherokee 235 (High Performance)	\$ 154.00
Cirrus SR-22 (High Performance)	\$ 244.00
PCATD Flight Simulator	\$ 90.00 (includes instructor)

Instruction	Rate per Hour
Our Aircraft or Ground Instruction	\$ 65.00
Customer Aircraft	\$ 75.00

Rental & Instruction Rates subject to change without prior notice.

### Other Services at Chester County Aviation

- \$ 109.50     Discovery Flight in our Cessna 172\*
- \$ 364.00     Private Pilot Internet based Training Program\*
- \$ Various     We offer a large assortment of pilot supplies, including headsets, aeronautical charts, kneeboards, flashlights and many other items. Stop and take a look in our showcases while you are at the airport.

\* Plus the appropriate PA State 6% Sales Tax

# Private Pilot Cost Projection

**Note:** Our Private Pilot program cost projections are based upon minimum times required by the Federal Aviation Administration's regulations. We do not make any guarantee that you will complete your training in the minimum time required.

40 Hours in a Cessna 172S @ \$154.00 per Hr.	\$ 6160.00
20 Hours of primary instruction @ \$ 65.00	\$ 1300.00
Cessna's WBI kit	\$ 364.00
P.A. State Sales Tax (estimated)	<u>\$ 392.00</u>
Total	\$ 8216.00

40 Hours in Cessna 172N @ \$134.00 per Hr.	\$ 5360.00
20 Hours of primary instruction @ \$ 65.00 per Hr.	\$ 1300.00
Cessna's WBI kit	\$ 364.00
P.A. State Sales Tax (estimated)	<u>\$ 344.00</u>
Total	\$ 7368.00

40 Hours in Cessna 152 @ \$114.00 per Hr.	\$ 4560.00
20 Hours of primary instruction @ \$ 65.00 per Hr.	\$ 1300.00
Cessna's WBI kit	\$ 364.00
P.A. State Sales Tax (estimated)	<u>\$ 296.00</u>
Total	\$ 6520.00

40 Hours in Piper Archer @ \$144.00 per Hr. (N8394C)	\$ 5760.00
20 Hours of primary instruction @ \$ 65.00	\$ 1300.00
Cessna's WBI kit	\$ 364.00
P.A. State Sales Tax (estimated)	<u>\$ 368.00</u>
Total	\$ 7792.00

## Additional Costs:

Pre & Post Flight Ground Instruction @ \$65.00 per hour	\$ 450.00-\$700.00
FAA Airman's Medical Examination	\$ 70.00-\$ 100.00
Sectional Charts & Related Items	\$ 75.00
FAA Knowledge (Written) Examination (fee set by FAA)	\$ 165.00
FAA Designated Examiner Fee	\$ 400.00-\$ 500.00
Aviation Headset	\$ 150.00-\$ 900.00
Non-Owned Aircraft (Renter's) Insurance	\$ 175.00-\$ 300.00

This information was accurate when printed - aircraft and instruction pricing and specific aircraft availability subject to change without notice.

**Call us today at 610-384-9005 to schedule  
Your Discovery Flight!**