



School for Aviation
Maintenance & Electronics

A Non-Profit Educational Institution

PIA.EDU



PIA
PRIDE

A Proud History Since 1929

BECOMING AN AVIATION TECHNICIAN

A career in aviation can lead to a world of possibilities. Often considered amongst the most skilled and technically capable mechanics, Aviation Technicians are essential to the world we live in. Your runway to a rewarding and challenging career starts here.

Since 1929, PIA has trained aviation technicians to keep the world's aircraft flying. Over 90 years later, the demand for aviation technicians continues to grow, and gaining these hands-on skills is more valuable than ever. Our industry reputation was built by over 30,000 alumni who have proven the value of the education and training they received. Each year, we continue to prove the worth of a PIA education, with a majority of our graduates earning their FAA Airframe & Powerplant Certification.

FIND
YOUR
PLACE

THE DEMAND IS NOW

The need for newly qualified aviation technicians is strong.* Largely due to generational retirements and industry growth, aviation needs qualified technicians to fill critical roles in aviation and other high demand industries. PIA's strong partnerships and reputation sets you up to meet that demand.

Your opportunities in aviation could include working in these exciting sectors:

Commercial Aviation

MRO (Maintenance, Repair & Overhaul)

Aircraft Manufacturing

Military

Corporate Aviation

Cargo

Medical Transport

Unmanned Aircraft

Space



36% Workforce that is at or Near Retirement Age
Source: atec-amt.org/pipeline-report.html

626,000

Aviation Maintenance Technicians Needed Worldwide According to Boeing's 2021–2040 Technician Outlook*

*Source: boeing.com/commercial/market/pilot-technician-outlook

- North America 132,000
- Europe 112,000
- Russia & Central Asia 25,000
- China 127,000
- Latin America 37,000
- Africa 20,000
- Middle East 51,000
- Asia-Pacific 122,000

PROGRAM

AVIATION MAINTENANCE TECHNOLOGY

Our experienced instructors teach you the hands-on skills needed for a career in aviation. You will learn on real life airplanes, engines, and equipment. The skills you obtain in our shops prepare you to test for your FAA Airframe & Powerplant Certification, which ultimately proves your ability to potential future employers.

In 21 months or less, training at PIA can have you working on:

- Turbine Engines
- Hydraulics & Pneumatics
- Reciprocating Engines
- Composite Materials
- Metallic Structures
- Welding
- Ignition Systems



AMT Program Options/Locations

Associate in Specialized Technology (AST) Degree

Length21 Months

Campus Location.....Pittsburgh, PA

Diploma/Certificate¹

Length16 Months

Campus Location(s)Hagerstown, MD
Myrtle Beach, SC
Youngstown, OH

¹The 16 month program is approved to award a diploma in MD & OH, and a certificate in SC.

FAA Airframe & Powerplant Certification



All mechanical work done on an aircraft must be inspected or supervised by an FAA Airframe and Powerplant (A&P) certified technician. This work ensures the safety of millions of passengers each year.

Testing for your A&P consists of nine exams – three written, three oral, and three practical. PIA prepares you for taking all of these throughout your coursework.



PROGRAM

AVIATION ELECTRONICS TECHNOLOGY

Aviation electronics technicians are the professionals tasked with identifying and repairing issues with the systems that keep a plane flying safely. You go far beyond simple repair and maintenance in this program, learning advanced component-level electronics troubleshooting.

In 21 months or less, training at PIA can have you working on:

- Amplifiers
- Communications Transceivers
- Microwave Systems
- Microprocessors
- Navigation Systems
- Radar Equipment



AET Program Location

Associate in Specialized
Technology (AST) Degree

Length21 Months

Campus Location.....Pittsburgh, PA

FCC General Radiotelephone Operator License



A General Radiotelephone Operator License (GROL) is required to begin a career in avionics. PIA's Aviation Electronics program prepares students for the following required exams:

Element 1 – Basic radio law and operating practice with which every maritime radio operator should be familiar.

Element 3 – General Radiotelephone: Electronic fundamentals and techniques required to adjust, repair, and maintain radio transmitters and receivers.

NCATT
AUTOMATICALLY
Aircraft Electronics
Technician Approved
Training Provider



PIA's "Dual Ticket" option allows you to gain two valuable skillsets in the shortest amount of time possible. Based on your initial training location, you could become one of the most valuable assets of the aviation industry by completing both available programs at PIA.*

*Aviation Electronics Technology is only available at the Pittsburgh Campus.

FIND
YOUR
PURPOSE

CAREER SERVICES

Connect with recruiters from aviation and other high demand industries at any stage of your PIA education, whether you are a current student or graduate. Our yearly career fairs and campus specific events bring companies from across the country to our facilities. The reputation of PIA brings them in, but your skill and professionalism keep them coming back.

Job Opportunities

Career Decision Assistance

Career Fairs

Resume Writing

On-Campus Recruiting

Interview Skills



See our graduates' success at
pia.edu/career-services

\$66,680 2020 Median Salary

Aircraft and Avionics Equipment Mechanics and Technicians, Bureau of Labor and Statistics' Occupational Outlook Handbook

*Median wage data based on October 21, 2021 Publication of the Bureau of Labor Statistics Occupational Outlook Handbook. <http://www.bls.gov/ooh/installation-maintenance-and-repair/home.htm>

Median salary is not reflective of starting salary.

PIA graduates traditionally start their first positions between \$37,440 (\$18.00/hour) and \$49,920 (\$24.00/hour).

Starting salaries based on employed graduates between July 1, 2019 – June 30, 2020.

CAMPUS LOCATIONS

Pittsburgh Main Campus *est. 1929*

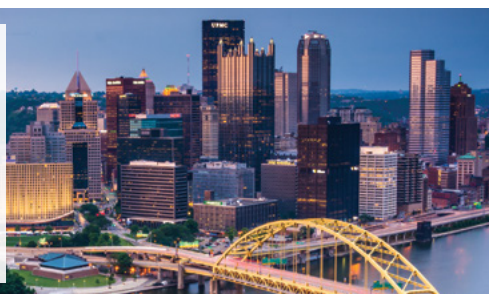
p: 412-346-2100

5 Allegheny County Airport
West Mifflin, PA 15122

PIA's Main Campus in West Mifflin boasts over 100,000 sq. ft. of classroom, shop, lab, and hangar space. A fleet of eleven aircraft are housed in two hangars, giving students the practical hands-on training they need for the industry. A portion of the campus was renovated in 2021, resulting in a new cafeteria, study lounge, and student resource center.



Pittsburgh is home to three world-recognized sports teams. Located twenty minutes outside the city, PIA is close to local amusement parks, historic areas, shopping, and more within and just outside the city limits.



Hagerstown Branch Campus *est. 2011*

p: 240-347-4805

14516 Pennsylvania Avenue
Hagerstown, MD 21742

Maryland's only FAA certified Airframe and Powerplant training provider, PIA Hagerstown is located at the Hagerstown Regional Airport. Recognized as a 'School of Excellence' in 2019 by ACCSC, PIA Hagerstown provides easy access to three cities: Baltimore, MD, Washington, DC, and Harrisburg, PA.



Known as the 'Hub City' thanks to the crossroads of two major interstates and its prized location for transportation of all types, Hagerstown has a rich historical culture. Visit one of the many museums or local historical sites nearby!



FINANCIAL AID & RESOURCES

Here are some topics covered in detail on **PIA.edu**:

- Financial Aid Programs
- Financial Aid Forms
- Step-By-Step Guides
- Scholarships
- Completing a FAFSA
- Net Price Calculator

Financial Aid can consist of Grants, Loans and Scholarships

Upon completing the Free Application for Federal Student Aid (FAFSA), our financial team will discuss a student's eligibility and how that will impact out-of-pocket costs.

If you have questions please e-mail our Financial Aid Team at **Financialaid@pia.edu** or call **1-800-444-1440**.

PIA School Code: 005310 *Financial Aid is available to those who qualify.*

FAFSA
Federal Student Aid

CAMPUS LOCATIONS

Myrtle Beach Branch Campus *est. 2012*

p: 843-238-2700

1038 Shine Avenue
Myrtle Beach, SC 29577

Recognized as a 'School of Excellence' in 2020 by ACCSC, PIA Myrtle Beach is the perfect educational option for someone seeking a warmup from the cold northern temperatures. The campus facility has 26,000 sq. ft. of training area, including separate airframe & powerplant labs.



A five-minute drive from the campus puts you at the beautiful South Carolina shore, complete with shopping, entertainment, dining, and more. A robust tourism industry in the area means there is always something going on nearby!



Youngstown Branch Campus *est. 2006*

p: 330-399-9992

1453 Youngstown-Kingsville Rd NE
Vienna, OH 44473

The second branch of PIA to open, PIA Youngstown has built strong relationships with local companies to enhance the student learning experience. The location was expanded in 2018 to include a second floor and additional classroom spaces to accommodate for increasing enrollments and new equipment.



Youngstown, Ohio is home to beautiful state parks, providing outdoor activities like fishing, hiking, camping and more to its residents. For more of a city vibe, travel to Akron, Cleveland, and Pittsburgh (all within driving distance).



TOURS

Schedule a visit to your campus of choice to learn more about:

- Aviation Careers & Opportunities
- Admissions & Enrollment Processes
- Scholarships & Financial Aid

Call or text us today to get started in your career! **412.346.2100**

OPEN HOUSES

Attend one of our four Open Houses in February, May, August, or November!

Our Open Houses bring together students, employers, and alumni to answer all your questions at one fantastic event!

Visit **PIA.EDU** for Open House dates and other learning events.



— PRIDE
— PURPOSE
— PRESTIGE

TRAIN TO BECOME AN AVIATION TECHNICIAN

SCHEDULE YOUR TOUR TODAY!
800.444.1440 OR PIA.EDU



**School for Aviation
Maintenance & Electronics**

A Non-Profit Educational Institution



Accredited By
ACCSC
Association to Advance Collegiate Schools of Business



AFFILIATED MEMBER OF
STEM
EDUCATION
COALITION



Pittsburgh Institute of Aeronautics
P.O. Box 10897
Pittsburgh, PA 15236-0897

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