



## Aviation

### Overview

Greensboro is a leader in aviation services in the southeast. From jet aircraft manufacturing to aviation maintenance to overnight air delivery, many companies specializing in aviation call Greensboro home. Our thriving aviation business sector is supported by strong education and training programs at eleven colleges and universities and outstanding community colleges in the Greensboro area. Greensboro's experienced, skilled workforce provides the foundation for success in aviation.

### Aviation Education and Training

Greensboro's experienced, skilled workforce provides the foundation for success in aviation. Through string aviation maintenance, pilot, avionics and composite processing training, Greensboro's workforce is ready to fly.

**Guilford Technical Community College (GTCC)** is the home of the T.H. Davis Aviation Center. Located on the Piedmont Triad International Airport campus, the Center provides hands-on aviation experience and offers customized, industry-specific training for companies. GTCC's aviation offerings are expanding with a new building for avionics, sheet metal, composites and non-destructive inspections programs, and a third building is under development. The Center's partnership with Embry-Riddle Aeronautical University allows graduates to pursue advanced aviation degrees.

**The Andrews High School Aviation Academy** allows students to earn college credit while attending high school, giving them a head start on the technical training needed for certification. Students can work on and around aircraft while broadening their knowledge of computer engineering technology, electronics, and scientific visualization.

**North Carolina A&T State University (NC A&T)**, designated a "High Research Activity" university by the Carnegie Foundation, offers advanced research support:

- **The Center for Advanced Materials Research (CAMSS)** conducts research on advanced ceramic materials and their composites.
- **Center for Composites Materials Research** focuses on polymer-based composites.
- **The Advanced Composite Training Center** trains students in composite mechanics and composite materials processing.

**The Joint School of Nanoscience and Nanoengineering**, sponsored by the University of North Carolina at Greensboro and NC A&T State University, is housed at the Gateway University Research Park. Master and doctoral degrees in Nanoscience and nanoengineering will be offered.

### **Piedmont Triad International Airport**

The airport is part of a 3,500-acre campus. PTIA is owned and operated by the Piedmont Triad Airport Authority. Today, the airport is the site of an aviation school, several freight and overnight delivery carriers, two fixed based operators, and TIMCO and Cessna maintenance facilities as well as the world headquarters and manufacturing center for Honda Aircraft Company, which will manufacture the new HondaJet. The terminal's 256,000 square feet include two concourses and 23 aircraft gates.

PTIA is also home to the state-of-the-art FedEx Mid-Atlantic Air Hub, a 470,000 square-foot sort facility, and a new 9,000-foot parallel runway and connecting taxiways. Additionally, the airfield facilities include a main 10,000-foot runway and a 6,380-foot cross-wind runway.

A central location and state-of-the-art facilities make Piedmont Triad International Airport (PTIA) a catalyst for commercial and industrial development. Home to more than 50 companies and 4,000 employees, PTIA infuses an estimated \$1 billion into the local economy annually. Additionally, PTIA has eight commercial/industrial sites totaling more than 650 acres available to aviation-related companies seeking a Greensboro base for their operations.

### **Company Profiles**

Major companies in aircraft manufacturing, aviation maintenance, and freight delivery studied Greensboro and PTIA. They scrutinized our facilities. They examined our workforce. They probed our educational resources. In the end, they realized that we are on the runway to success – and they wanted to take off with us.

**Honda Aircraft Company** established its world headquarters in Greensboro and employs more than 400 people. This new division of Honda Motor Co. will manufacture the innovative HondaJet at a new manufacturing and testing facility at PTIA. The company selected Greensboro due to aviation support, business and living environment, and workforce quality and training.

**FlightSafety international Inc.**, the world's leading aviation training company, will install flight simulators to train HondaJet pilots at Piedmont Triad International Airport.

**TIMCO Aviation Services** is the largest independent third-party maintenance, repair and overhaul provider in the United States. TIMCO, which has 1,500 employees, offers scheduled line maintenance and services for both wide and narrow body aircraft.

**FedEx Express Mid-Atlantic Air Hub** occupies a 1-million square-foot facility at Piedmont Triad International Airport. The facility has the capacity to sort 24,000 packages per hour.

### Major Aviation Companies

Company	Description
Aero Accessories Gibsonville, NC	Overhauls, develops, produces, and supplies hard to find parts for older and new aircraft
Atlantic Aero, Inc. Greensboro, NC	Full-service MRO with engineering and manufacturing capability
B/E Aerospace Winston-Salem, NC	Manufacturer of cabin interior products for commercial passenger aircraft and business jets
Cessna Aircraft Company Greensboro, NC	Full-service maintenance for Citation aircraft
Comair Inc. Greensboro, NC	Aircraft overhaul and maintenance for Comair
Genesis Aviation Greensboro, NC	Repair, overhaul, sales and service of aircraft components
Honda Aero Burlington, NC	Aircraft engine manufacturing
Landmark Aviation Greensboro, NC	Fixed Base Operator
New Breed, Inc. High Point, NC	Aerospace industry logistics
Triumph Actuation Systems Clemmons, NC	Designs, manufactures and repairs complex aircraft components and systems