

NORTH CAROLINA | AEROSPACE



**NORTH
CAROLINA**

HOME TO THE
FUTURE OF FLIGHT

NORTH CAROLINA:

WHERE BUSINESS TAKES FLIGHT

North Carolina, the birthplace of aviation and site of the first-ever successful flight in 1903, continues to attract innovative aerospace companies. Our state's renowned education institutions produce talent well-prepared for critical roles in engineering, software development, cybersecurity, artificial intelligence, and more.

Local community colleges are investing in aviation and aerospace research and training centers, and thousands of exiting military personnel in North Carolina with extensive training in aircraft maintenance, engineering, and operations enter the private sector each year.

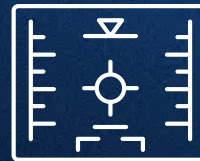
NORTH CAROLINA'S AEROSPACE SPECIALIZATIONS:



**Propulsion Systems
Manufacturing**



Advanced Materials



Avionics



**Maintenance, Repair
& Overhaul**

AEROSPACE HUBS

- **Piedmont Triad International Airport (PTI)** – located in Greensboro, PTI is home to a cluster of top aerospace companies. PTI offers shovel-ready sites and a robust aerospace workforce.
- **North Carolina Global TransPark** – an industrial park that offers an 11,500 foot runway, onsite rail, and shovel-ready sites.
- **Asheville** – a strong aerospace cluster specializing in aircraft engine and parts manufacturing.
- **Charlotte-Union County** – a hub for aviation and MRO, the region offers an expansive network of aerospace suppliers, manufacturers, and headquarters operations.



**NORTH CAROLINA OFFERS
THE IDEAL COMBINATION OF
TALENT, INFRASTRUCTURE,
AND FORWARD-THINKING
LEADERSHIP TO SUPPORT
OUR MISSION TO
RESHAPE AVIATION.**

Tom O'Leary,
CEO and co-Founder of JetZero



INDUSTRY LEADERS CHOOSE NORTH CAROLINA

AIRBUS



BAE SYSTEMS



RECENT AEROSPACE INVESTMENT

Over the last decade, a diverse range of aerospace companies have announced new facilities and expansions across the state, choosing North Carolina for its skilled and growing workforce, low-cost business climate, and affordable quality of life. Such announcements have resulted in **20,900 new jobs** and **\$8.1 billion** in capital investment.



1



Duotech Services
📍 *Franklin*

- \$6.5M Capital Investment
- 95 New Jobs

Primary Activity:
Aftermarket Equipment Upgrades

2



Pratt & Whitney
📍 *Asheville*

- \$285M Capital Investment
- 325 New Jobs

Primary Activity:
Turbine Airfoil Manufacturing

3



JetZero
📍 *Greensboro*

- \$4.7B Capital Investment
- 14,500 New Jobs

Primary Activity:
All-Wing Z4 OEM

4



BOOM Supersonic
📍 *Greensboro*

- \$500M Capital Investment
- 1,750 New Jobs

Primary Activity:
Supersonic Airplane OEM

5



Fleet Readiness Center East
📍 *Kinston*

- \$400M Capital Investment
- 400 New Jobs

Primary Activity:
F-35 MRO

6



GE Aerospace
📍 *Wilmington*

- \$111M Capital Investment
- Multiple NC locations: Asheville, Durham, West Jefferson, Wilmington

Primary Activity:
Various engine parts manufacturing

CUSTOM TALENT PIPELINE SOLUTIONS

Aerospace manufacturers and R&D firms access a robust supply of skilled production and engineering talent through North Carolina's 58 community colleges and 52 universities. Pratt & Whitney, Marshall Air, and Spirit Aerosystems (now Airbus) have each developed custom training curriculums in partnership with their local community colleges, while the state's largest three engineering universities, North Carolina State University, North Carolina A&T University, and UNC Charlotte enroll approximately 5,300 students in aerospace-related engineering programs annually.

The Economic Development Partnership of North Carolina can help facilitate custom talent acquisition strategies in partnership with local communities, workforce development organizations, and education institutions to develop your company's pipeline and hiring strategy.

WORKFORCE HIGHLIGHT: JETZERO + GUILFORD TECHNICAL COMMUNITY COLLEGE



For over 50 years, Guilford Technical Community College (GTCC) has offered training programs in Piloting, Maintenance, Avionics, and Management. The program boasts three dedicated aviation facilities totaling nearly 100,000 square feet of classroom and lab space, and provides full-motion flight simulators used by local industry titans for training and testing. These facilities attract innovative aerospace companies from around the world.

In June 2025, JetZero, a vanguard in the aviation and aerospace industry, announced that it will build an ultramodern factory to produce its all-wing design airplane in Greensboro, hiring 14,500 workers. The company chose North Carolina because of its expansive workforce services network with expertise in aerospace training. JetZero will rely on GTCC's world class training programs, along with regional community colleges, to execute a collaborative, customized talent acquisition and training strategy.

LABOR AVAILABILITY

Occupation	Labor Availability	Avg. Annual Earnings	Projected Growth (by 2030)
Aerospace Engineers	1,200	\$117,300	14%
Mechanical Engineers	9,600	\$100,100	12%
Electrical Engineers	6,700	\$107,500	9%
Industrial Engineers	11,600	\$97,000	11%
Aircraft Mechanics and Service Technicians	10,000	\$69,200	5%
Electrical, Electronic, and Electromechanical Assemblers	7,300	\$41,900	8%
Miscellaneous Assemblers and Fabricators	51,700	\$39,600	1%
Machinists	8,600	\$55,300	7%
Information Security Analysts	7,400	\$121,000	20%
Software Developers	59,100	\$130,600	20%



ECONOMIC
DEVELOPMENT
PARTNERSHIP of
NORTH CAROLINA

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Scan here for an interactive
map of **North Carolina's**
Aerospace Ecosystem