

ADVANTAGES

MAJOR DEFENSE/AEROSPACE ASSETS

IN THE REGION

Components

- Jet Engine Fuel Controls: **Honeywell**, Rocky Mount
- Fire Suppression Systems: **Kidde Aerospace & Defense**, Wilson
- Aircraft Composite Structures: **Spirit AeroSystems**, Kinston (500,000 sf/46,451 m²), Kinston
- Composite Center of Excellence: **Spirit AeroSystems** (30,000 sf/2,787 m²), Kinston
- Cargo Handling: **AAR Cargo/Defense Systems**, Goldsboro
- Parts and Supplies: **Commerce Overseas Corporation**, Kinston
- Electronic Components: **DHI Holdings, Inc.**, Trenton
- Fluid Hoses: **EATON Corporation**, Middlesex
- Information Technologies, Engineering Services and Software Solutions: **Spatial Integrated Systems, Inc.**, Kinston
- AS 9100 Machining: **Petra & Goldsboro Machining**, Goldsboro
- Logistics: **Kanban**, Rocky Mount
- Logistics: **New Breed**, Kinston
- Logistics: **Longistics**, Kinston
- Logistics: **DB Schenker**, Kinston
- Numbered Tool Kits: **US Foam & Etch**, Goldsboro



Maintenance, Repair and Overhaul - MRO

- Commercial Fixed Wing MRO: **Mountain Air Cargo**, Kinston
- Military MRO: **US Navy Fleet Readiness Center East, MCAS Cherry Point** (V/STOL, Rotary Wing, Fixed Wing, UAV'S, and turbine engines, plus Dept of the Navy Vertical Lift Center of Excellence and designated MRO for all USAF, USN and USMC V-22 Tiltrotor aircraft), Havelock
- Logistics Support: **AAR Defense Systems**, Havelock
- Mine Resistant Vehicles MRO: **Oshkosh**, Jacksonville

— ADVANTAGES —

MAJOR DEFENSE/AEROSPACE ASSETS IN THE REGION



Global TransPark, Kinston, NC

- Multi-modal business-industrial park, 5,800 acres permitted, 2,500 owned
- Longest commercial runway between Washington, DC and Atlanta, GA - 11,500 ft/3,505 m, CAT III, CY 2012
- Foreign Trade Zone #214 on site
- Rail spur to Norfolk-Southern system and Port of Morehead City - Nov CY 2011

Concentrations of Military Aircraft

- 2nd Marine Air Wing
 - Fixed Wing, **MCAS Cherry Point**, Havelock
 - Helicopters & Tiltrotors, **MCAS New River**, Jacksonville
- 4th Fighter Wing, USAF
 - Fixed Wing, **Seymour Johnson AFB**, Goldsboro
- MCB Camp Lejeune, Jacksonville
 - **II Marine Expeditionary Force**
 - **USMC Special Operations Command**
 - **USCG Special Missions Training Center**

Academic Support

- East Carolina University: MBA program, BS in Computer Science, Logistics, Industrial Technology, Systems Engineering (Mechanical), Electrical - CY 2012
- Spirit AeroSystems Composite Center of Excellence
- Community College System:
 - Airframe and Power Plant Technicians
 - Carbon Fiber Composite Components Fabrication and Assembly
 - Advanced Machining (5 axis)
 - Sheet Metal Fabrication
- Early College and Science Engineering Technology and Math – STEM Programs throughout the region
- Integrated Curriculum allows transfer of credit from High School to Community College to University

— ADVANTAGES — MAJOR DEFENSE/AEROSPACE ASSETS



IN THE STATE

Components

- Engines (Commercial Transport): **General Electric**, Wilmington and Durham
- Engines (Helicopter): **Turbomeca**, Monroe
- Engines (Aircraft): **Honda Aero Inc.**, Greensboro
- Engine Components: **Timco Aviation Services**, Greensboro
- Engine Components: **Unison Engine Components**, Asheville
- Engine Components/Turbine Blades: **PCC - Precision Cast Corp.**, Sanford
- Aero/Industrial Turbine Services: **Liburdi Turbine Services**, Mooresville
- Aircraft Parts/Landing Gear Components: **Curtis-Wright Controls**, Shelby
- Airframe/Landing Gear Components: **Twin Precision Manufacturing**, Leland
- Specialty Metals: **ATI Alvac**, Monroe
- Motion/Vibration Management Technologies: **Lord Corp**, Cary
- Composite Airframe Components: **VX Aerospace**, Morganton
- Tires (Space Shuttle): **Michelin**, Norwood
- Aircraft Seating: **B/E Aerospace**, Winston-Salem

Maintenance, Repair and Overhaul – MRO

- Commercial Aircraft (Heavy): **DRS Technologies**, Elizabeth City
- Commercial Aircraft (Heavy): **Timco Linecare**, Greensboro
- Commercial 737 Maintenance: **NS Aviation**, Winston-Salem
- Repairs/Remanufacturing Major Aerospace Systems: **Goodrich Corp**, Monroe
- Commercial M & O: **Piedmont Aviation Component Services**, Kernersville
- Military MRO: **US Coast Guard Aviation Logistics Center**: Depot Level for Fixed Wing, Rotary Wing, Components and Turbine Engines, Elizabeth City

Concentrations of Military Aircraft

- 18th Airborne Corp. (Rotary and Fixed Wing aircraft): Pope Field, Ft. Bragg, Fayetteville
- U.S. Coast Guard Air Station (Rotary and Fixed Wing Aircraft): Elizabeth City

— ADVANTAGES —

MAJOR DEFENSE/AEROSPACE ASSETS IN THE STATE

Academic Support

- NC State University: BA to PhD. programs in multiple engineering disciplines; research core competencies include combustion, structural mechanics and materials, and computational methods
- Duke University: Research topics include adaptive structures, acoustics, aerodynamics, controls, dynamics, fluid mechanics, heat transfer and thermodynamics
- NC A & T University: Advanced Materials and Nano Technology, Center for Advanced Materials and Smart Structures, Center for Composite Material Research
- East Carolina University: MBA program, BS in Computer Science, Logistics, Industrial Technology, Systems Engineering (Mechanical), Electrical - CY 2012
- University of North Carolina: Institute for Defense & Business

North Carolina Facts

- Launch pad for American aviation; Wilbur and Orville Wright First Flight 1903
- Ranks 9th nationally in total manufacturing jobs and first in the southeast US
- Ranks 9th nationally in plastic manufacturing facilities
- Polymers Center of Excellence, Charlotte
- 10th most populace state in the US, over 9 million
- 4th fastest growing state in the US
- 300+ aviation and aerospace companies
- 65,000 aviation and aerospace workers
- Four international, 74 publicly owned and 300 privately owned airports in the state
- Over 7,000 registered aircraft and 15,000 licensed pilots
- 3rd largest concentration of military personnel in the US



North Carolina's Eastern Region

- Regional Economic Development Partnership serving thirteen counties
- Free, Confidential Site Location Services
- A unit of local government
- Revolving loan fund and grants for member counties to assist with infrastructure development
- Defense, Aerospace, Advanced Manufacturing and Logistics Business Clusters
- Geographic area: 7,000 mi²/17,900 km²
- One million residents
- Right to Work State
- Less than 1.0% Union workforce
- Region-wide WorkKeys/Career Readiness Certificate Program
- Three commercial airports with service to Atlanta and Charlotte