West Virginia

THE NEW HOME FOR AEROSPACE EXPANSION AND INNOVATION

WEST VIRGINIA is becoming the premier location for global aerospace manufacturers to expand and relocate. Thanks to our world-class workforce and dedication to skilled manufacturing, West Virginia has an impeccable talent pool that tremendously benefits the industry. It's no surprise industry leaders such as Lockheed Martin, Northrop Grumman, Pratt & Whitney, Bombardier and dozens many more have significant, growing operations here.

The Mountain State has exclusive accessibility to top domestic purchasing sectors and national defense contractors, corporations, federal government agencies and other customers and suppliers vital to the aerospace industry. The state's proximity to aerospace original equipment manufacturers based including Boeing, AirBus and Gulfstream, make it the ideal location for expansion and future development.

The business climate in the Mountain State is among the best in the nation. West Virginia is first in the country for overall economic growth, citing gross domestic product (GDP) growth, a decline in the unemployment rate and a moderate increase in personal income, making it one of the "Five Strongest State Economies" in the GOBankingRates Annual Report. With the recent elimination of the business franchise tax and continued pro-business legislation, West Virginia is the 11th best state in the country for overall cost of doing business.

AEROSPACE DEVELOPMENT ASSISTANCE

WEST VIRGINIA provides an array of assistance packages to aerospace companies.

AIRCRAFT VALUATION

Aircraft owned or leased by commercial airlines, charter carriers, private carriers and private companies are valued for property tax purposes at the lower of fair market salvage value or 5% of the original cost of the property.

AIRCRAFT VALUATION, SPECIAL AIRCRAFT PROPERTY

All aircraft owned or leased by commercial airlines or private carriers, or any parts, materials or items used in the construction, maintenance or repair of aircraft which are, or are intended to become, affixed to or a part of an aircraft or of an aircraft's engine or of any other component of an aircraft will be valued at "salvage value" or 5% of original costs, whichever is the lesser amount.

ECONOMIC OPPORTUNITY CREDIT

For qualified companies that create at least 20 new jobs within specified time limits (10 jobs in the case of qualified small businesses) as a result of their business expansion projects, the State's Economic Opportunity Tax Credit can offset up to 80% of the corporate net income tax and personal income tax (on flow through income only) attributable to qualified investment. If a qualified company that creates the requisite number of jobs pays an annual median wage higher than the statewide average non-farm payroll wage, then the qualified company can offset up to 100% of the corporate net income tax and personal income tax (on flow through income only) attributable to qualified investment.

MANUFACTURING INVESTMENT CREDIT

A tax credit is allowed against up to 60% of corporate net income tax and based on qualified investment in eligible manufacturing property, with no new job creation required.

MANUFACTURING SALES TAX EXEMPTION

Purchases of materials and equipment for direct use in manufacturing are exempt from the 6% state sales and use tax and 1% municipal sales tax, including building materials and process equipment purchased for construction of a manufacturing facility.

ECONOMIC IMPACT

THE AEROSPACE INDUSTRY employs 4,000 West Virginians at 22 companies. Geographically, the aerospace and aviation industry has a substantial presence in many regions of the state.

In North Central West Virginia, the Fairmont-Clarksburg region boasts the state's largest concentration of aerospace manufacturing workers, as well as the only Federal Aviation Administration (FAA) approved, nationally recognized Robert C. Byrd Aerospace Education Center.

Near the Eastern Panhandle of the state, Northrop Grumman's massive operation located at the Rocket Center, a former government installation, provides innovative air and space systems and products to the United States Department of Defense. The global industry giant is the premier provider of military aircraft, autonomous and space systems and next-generation solutions that works with dozens of related aviation and spaceflight contractor firms and employs more than 600 West Virginians.

$1.325 billion
Total Economic Output

$486 million
Gross Domestic Product (GDP) Contribution

$24 million
State & Local Tax Contribution

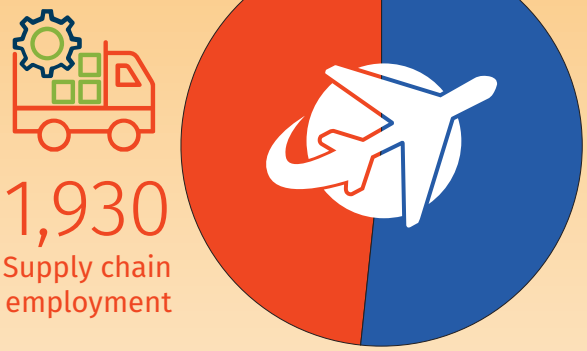
$70 million
Federal Tax Contribution

$209 million
Exports

WORLD-CLASS WORKFORCE

THE MOUNTAIN STATE'S world-class aerospace labor force is one of the most dedicated in the nation. With a turnover rate well below the national average and the lowest turnover rate in the nation for manufacturing, it's no surprise that aerospace companies are expanding and relocating to the Mountain State at a rapid pace.

4,000
TOTAL JOBS supported by aerospace in West Virginia



1,930
Supply chain employment

2,070
Direct employment

$78,259
AVERAGE WAGE of an aerospace employee in West Virginia

$201 million
TOTAL WAGES paid out to aerospace employees

7
COMMERCIAL AIRPORTS with taxiway access and available sites and buildings

INDUSTRY PARTNERS

THE AEROSPACE INDUSTRY in West Virginia has a wide variety of industry specific partners, including higher education institutions, community and technical colleges, nonprofit organizations and more that provide support, training programs and other resources at various locations across the state.

THE MID-ATLANTIC AEROSPACE COMPLEX (MAAC), a vital player in the aerospace industry in West Virginia, promotes the North Central West Virginia Airport, its members, and their capabilities in aviation and aerospace to industrial clients and prospects throughout the world. MAAC, is home to West Virginia's only true aerospace cluster that includes world renown aerospace companies of Aurora Flight Sciences — A Boeing Company, Bombardier, Lockheed Martin, Pratt & Whitney and more. The MAAC's compliment of aerospace industry services plays a major role in our region's economic development and provides first-rate maintenance, repair, overhaul, (MRO) as well as manufacturing and training services for the aerospace industry.

THE ROBERT C. BYRD NATIONAL AEROSPACE EDUCATION CENTER (RCBNAEC), is the only Federal Aviation Administration (FAA) certified training center in West Virginia offering a variety of certifications, two-year, and four-year programs to support our world renown expanding aerospace industry sector. The RCBNAEC is housed at the Mid-Atlantic Aerospace Complex at the North Central WV Airport in Bridgeport, West Virginia. The facility includes classrooms, computer labs, an FAA test center, learning resource center, two hangars, and laboratories that support academic, technical, and industrial training in various aerospace disciplines.

THE WEST VIRGINIA COMMUNITY AND TECHNICAL COLLEGE SYSTEM (WVCTCS) offers a wide variety of career-technical degrees and numerous customized training programs through nine community and technical colleges with 27 campuses. Last year alone, the community colleges worked with more than 700 companies in West Virginia. WVCTCS' mission is to promote and provide high-quality, accessible, affordable and responsive education and training opportunities that maximize student learning, improve the standard of living for West Virginians, and contribute to the economic vitality and competitiveness of our state.

WEST VIRGINIA UNIVERSITY'S (WVU) Mechanical and Aerospace Engineering Department offers undergraduate degrees in aerospace engineering and mechanical engineering. The University's degree programs provide a strong theoretical background as well as practical experience gained through projects and hands-on research that provide students with the skills required for a broad range of jobs in industry, government, academia, business and research.

MARSHALL UNIVERSITY AND THE ROBERT C. BYRD INSTITUTE created AERO, an aerospace proof-of-concept and training facility located in Cabell and Wayne counties. The initiative is working to expand the aerospace footprint in the region by connecting local manufacturers to the supply chain, attracting new companies to the region, and working to establish an FAA-certified aircraft maintenance and repair facility that will benefit southern West Virginia.

AMERICAN ELECTRIC POWER launched Appalachian Sky — an initiative that began to encompass the company's territories in the Tri-State region of western West Virginia, eastern Kentucky and southwestern Ohio. The initiative's purpose is to aggressively attract aerospace and aviation industry to AEP's central Appalachia service region. The initiative was sparked by the completion of a comprehensive regional workforce analysis that showed coal miners, many of whom have lost their jobs due to recent mine closings, have the skills that aerospace and advanced manufacturing companies need. The study concluded that the region had eight times the national average of skilled metal workers — recognizing the potential of the aerospace industry to diversify the central Appalachian economy.

PIERPONT
COMMUNITY & TECHNICAL COLLEGE
Morgantown
Fairmont
Clarksburg
Bridgeport
Weston
Sutton

ROBERT C. BYRD
NATIONAL AEROSPACE
EDUCATION CENTER

MID-ATLANTIC AEROSPACE COMPLEX

RCBI
ROBERT C. BYRD INSTITUTE

WEST VIRGINIA NORTHERN COMMUNITY COLLEGE
Weirton
Wheeling
New Martinsville

WestVirginiaUniversity.

BlueRidge
COMMUNITY AND
TECHNICAL COLLEGE
Berkeley Springs
Martinsburg

Parkersburg
West Virginia University.
Parkersburg
Ripley

EASTERN
West Virginia Community & Technical College
Moorefield

ey
South Charleston
Montgomery

est
ollege
Huntington

MARSHALL
RCBI
ROBERT C. BYRD INSTITUTE

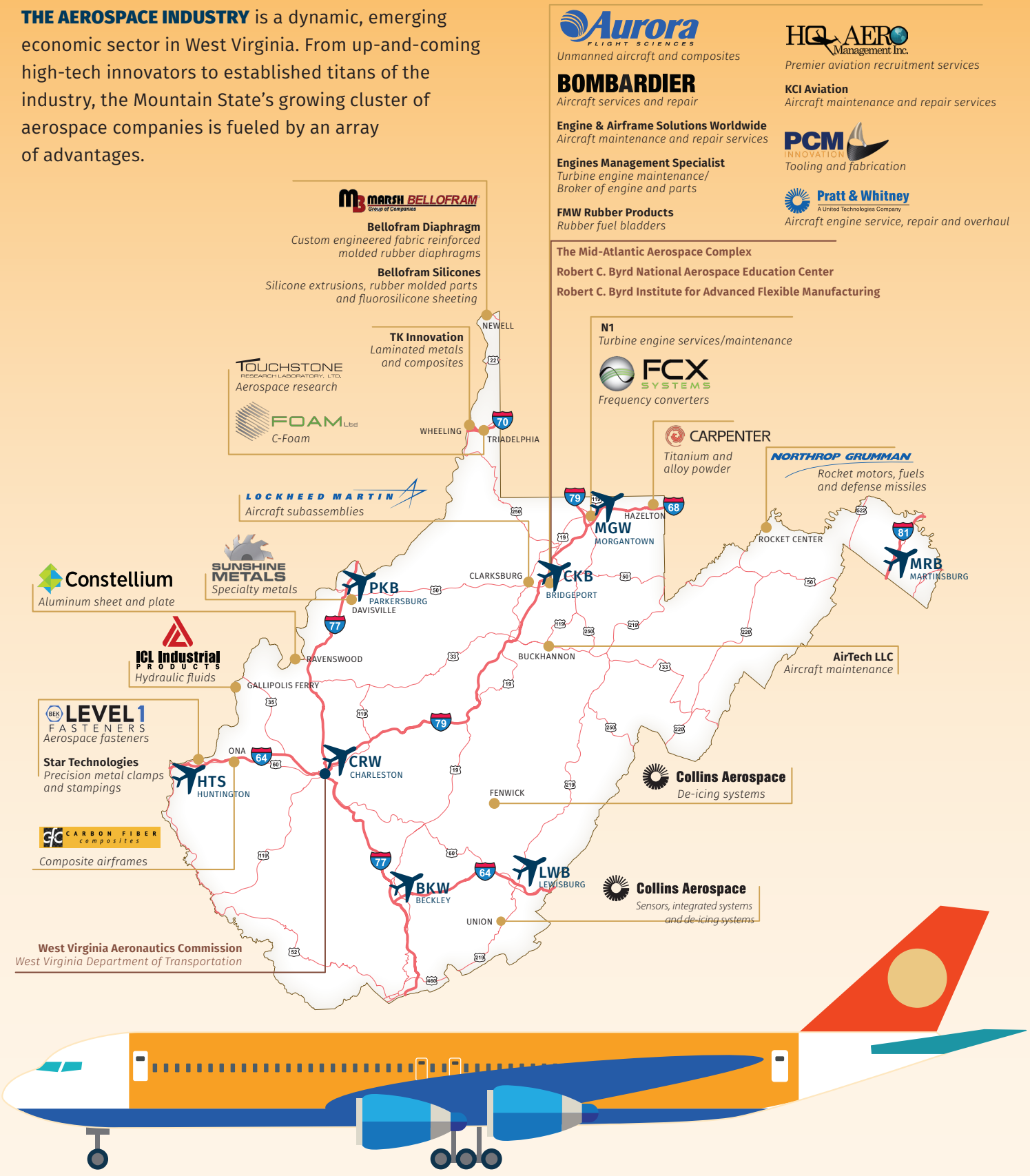
NEW RIVER
Community and Technical College
Summersville
Beckley
Beaver
Lewisburg
Princeton

Southern
West Virginia Community and Technical College
Hamlin
Foster
Mount Gay
Williamson
Saulsville

AEP AMERICAN® ELECTRIC POWER

AEROSPACE COMPANIES IN WEST VIRGINIA

THE AEROSPACE INDUSTRY is a dynamic, emerging economic sector in West Virginia. From up-and-coming high-tech innovators to established titans of the industry, the Mountain State's growing cluster of aerospace companies is fueled by an array of advantages.



WEST VIRGINIA
DEVELOPMENT OFFICE

1900 Kanawha Boulevard East • Building 3, Suite 600 • Charleston, West Virginia 25305
(800) 982-3386 • (304) 558-2234 • **WestVirginia.gov**