

## WRIGHT PATTERSON AIR FORCE BASE, OHIO Installation Mission and Context

### Mission

Wright-Patterson AFB (WPAFB) is headquarters for a vast, worldwide logistics system and a world-class laboratory research function; it is also the foremost acquisition and development center in the Air Force. The 88th Air Base Wing (ABW), the host unit for WPAFB, operates the airfield, maintains all infrastructure, and provides security, communications, air traffic control, public affairs, and many other services. The 88th ABW's mission includes mission support and aid to a myriad of units and military capabilities, emphasizing teamwork and coordination as well as promoting shared knowledge and growth.

The 445th Airlift Wing is the main flying tenant at WPAFB and is under the Air Force Reserve Command. Its mission is to attain and maintain operational readiness; provide strategic transport of personnel and equipment; provide aeromedical evacuation; and recruit and train toward these goals. Most of the 445th Airlift Wing members are reservists who serve in the military on a part-time basis.

#### Location

Situated in the northwest corner of Greene County, Ohio, WPAFB encompasses over 7,600 acres of land, with an additional 516 acres in easements, for a total footprint of over 8,000 acres. The installation is located approximately eight miles northeast of downtown Dayton and is surrounded by 12 municipalities. It shares borders with the cities of Fairborn, Beavercreek, Riverside, and Dayton.

WPAFB is generally organized into two areas, Area A (approximately 5,228) acres) and Area B (approximately 2,399 acres), separated by State Route 444. Area A includes Patterson Field, which is the main operational airfield, as well as military family housing, administrative offices, and maintenance facilities. Area B includes mainly research and development facilities, educational buildings, privatized housing, and Wright Field, which is used sparingly for special events and aircraft delivery for the National Museum of the U.S. Air Force that is located in Area B.

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# Wright Patterson Air Force Base, Ohio OH HUBER HEIGHT/S RIVER-DAYTO

Clear Zone (CZ) Accident Potential Zone I (APZ I) Accident Potential Zone II (APZ II) 2022 AICUZ DNL Noise Contours

#### **Economic Impact**

The military provides direct, indirect, and induced economic benefits to local communities through jobs and wages. Benefits include employment opportunities and increases in local business revenue, property sales, and tax revenue. WPAFB is largest single-site employer in the State of Ohio, with 31,292 total personnel directly and indirectly employed by WPAFB in 2019. WPAFB boasts an annual federal payroll of \$2.77 billion, with a final output of \$5.65 billion. The base annually generates approximately \$1.64 billion in indirect and induced jobs/payroll, with a total of \$16.75 billion in total annual economic impact. That makes the base's economic footprint enormously important for both the region and state.

#### AIR INSTALLATIONS COMPATIBLE USE ZONES STUDY



Wright Patterson AFB County

#### History

WPAFB was established as a military installation during World War I, although its aviation history began in 1905 when Wilbur and Orville Wright developed and practiced flying the first practical airplane on land that is now part of the WPAFB. WPAFB has followed an overall historical pattern of expanding operations, personnel, and structures during wartime and contracting them during times of peace. World War II profoundly altered WPAFB by increasing the workforce from 3,700 to over 50,000 people and implementing massive construction projects to build new work centers, housing complexes, and laboratory structures. Wright Field expanded significantly from 40 buildings in 1941 to over 300 in 1944. After WWII ended in 1945, Wright Field's operations returned to research and development. Over the course of the next 50 years, WPAFB has played a role in supporting every major military event involving the U.S.

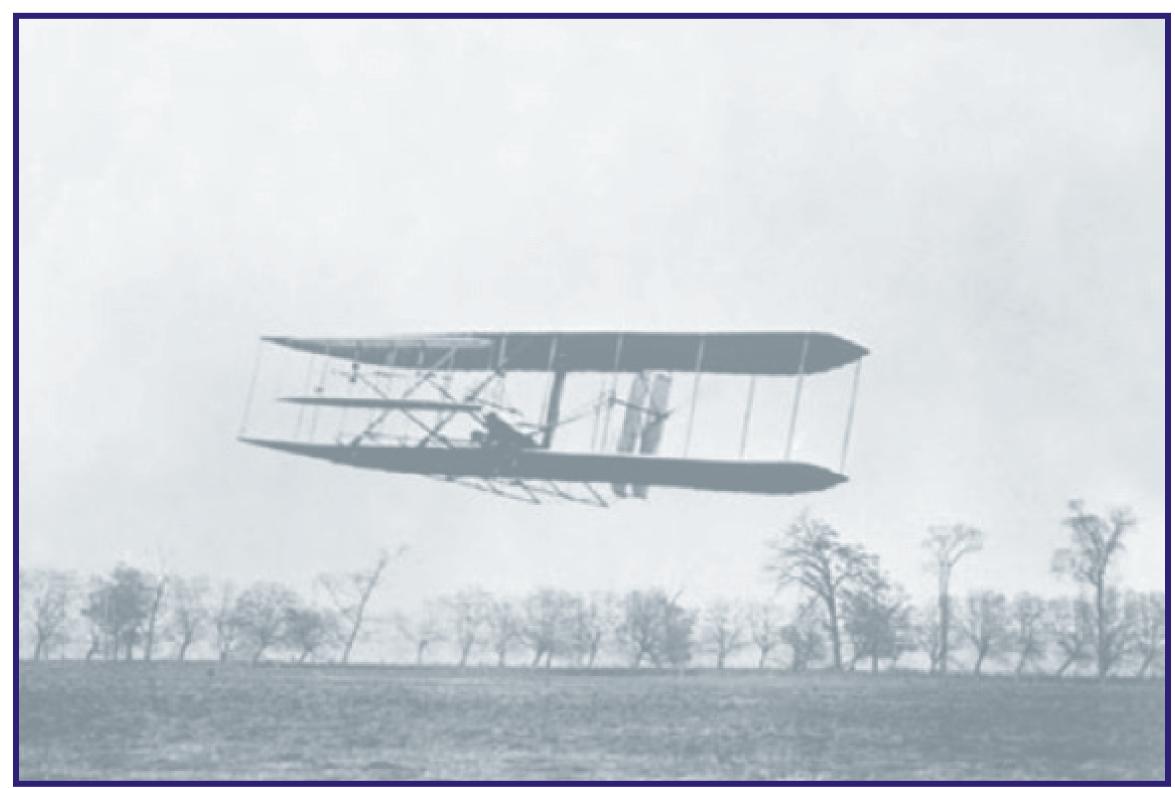




Payroll (Direct)

Expenditures (Indirect) and Jobs/Wages (Induced)





**25.79%** Federal Military **73.88%** Federal Civilian **0.33%** On-Base Private Business Employment

