

# Palm Beach International Airport



FLORIDA DEPARTMENT OF TRANSPORTATION  
AVIATION AND SPACEPORTS OFFICE

**Airport:** Palm Beach International Airport (PBI)

**City:** West Palm Beach, Florida

**County:** Palm Beach County

**Owner:** Palm Beach County

**Role:** Commercial Service Airport

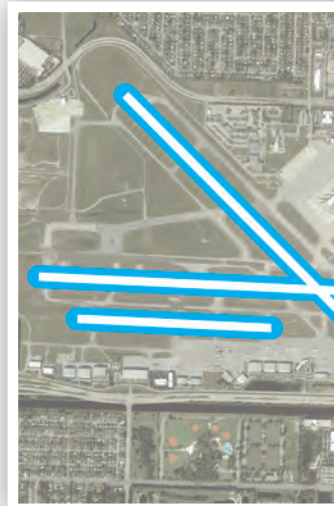


Palm Beach International Airport is located on Florida's East Coast, adjacent to Interstate 95. The airport has three active runways; the longest runway is 10,008 feet. Facilities at the airport are capable of supporting a full range of commercial and general aviation aircraft.



## Existing Facilities

Palm Beach International has two parallel runways and one crosswind runway. Runway 10L/28R is asphalt and measures 10,001 feet by 150 feet. It is equipped with high intensity runway edge lights, precision approach path indicators, centerline lights, and runway end indicator lights. Runway 14/32 is asphalt and measures 6,926 feet by 150 feet. It is equipped with medium intensity runway edge lights, precision approach path indicators, and runway end identifier lights. Runway 10L/28R and runway 14/32 both utilize RNAV GPS instrument approaches. Runway 10L/28R is also equipped with an ILS instrument approach. Runway 10R/28L is asphalt and measures 3,214 feet by 75 feet. It is equipped with medium intensity runway edge lights and runway end identifier lights. The control tower at Palm Beach International is attended 24/7, 365 days a year. The airport's four main apron areas consist of a passenger terminal apron on the north side of the airfield, two GA aprons on the south side of the airfield, and an air cargo apron on the northeast corner of the airfield. The airport also includes a 600,000 square-foot commercial passenger terminal building that has three concourses and 28 aircraft gates. Automobile parking at the airport includes 1,100 short term spaces, 5,500 long term spaces, and over 3,000 economy spaces. Three fixed base operators serve Palm Beach International Airport. These FBOs provide aircraft parking and handling, maintenance, and concierge services. The airport also includes a Customs and Immigration facility which is capable of handling 300 passengers per hour and aircraft up to the size of B747-400.

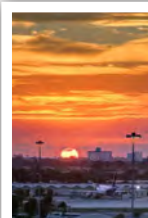
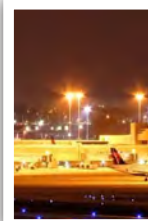
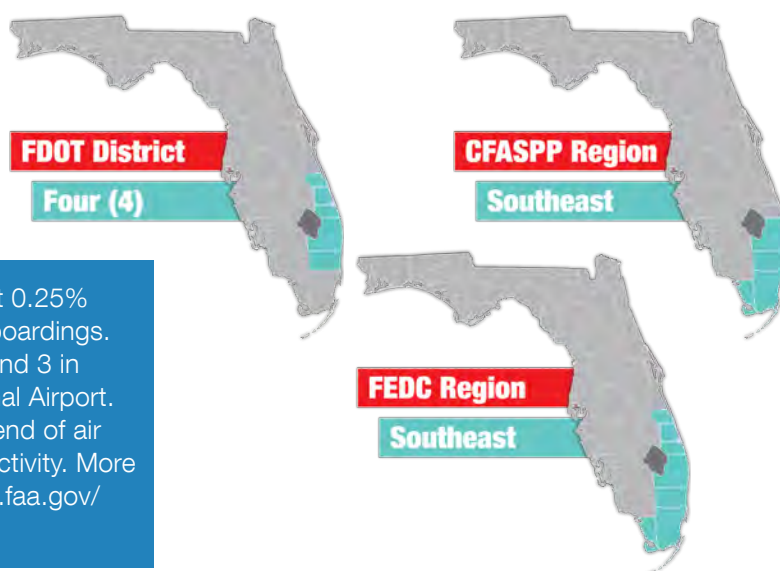


For more information, please visit PBI's website at:  
<http://www.pbia.org/>

## Airport Classification

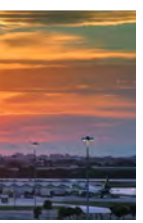


Medium Hub airports account for at least 0.25% but less than 1% of national passenger boardings. There are 31 Medium Hubs nationwide and 3 in Florida, including Palm Beach International Airport. Medium Hub airports typically serve a blend of air cargo, passenger, and general aviation activity. More information can be found at [https://www.faa.gov/airports/planning\\_capacity/npas/](https://www.faa.gov/airports/planning_capacity/npas/).



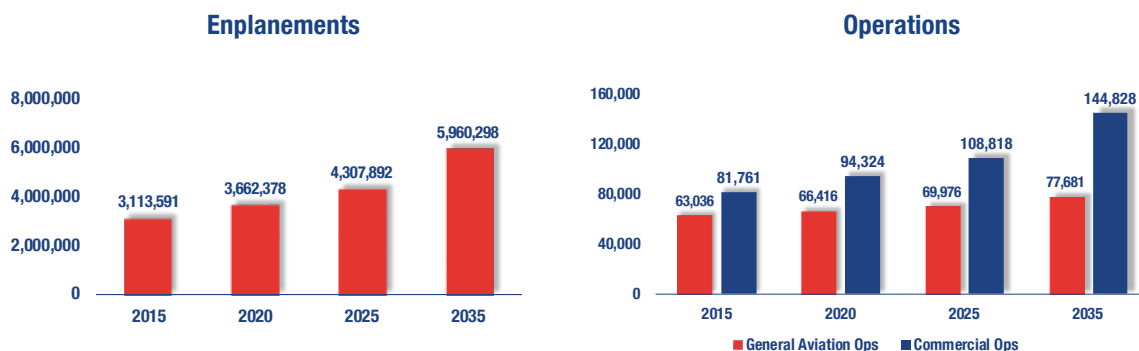


The Palm Beach International Airport serves a mix of personal, leisure, and business related travel. The airport is situated adjacent to I-95, making it a convenient location to serve many popular tourist destinations. The majority of the airport's traffic is attributable to commercial aviation, transient general aviation, and air taxi/charter operations. For the 12-month period ending on December 31, 2017, approximately 39 percent of all operations were due to transient general aviation, 38 percent were due to commercial aviation, and 22 percent were due to air taxi operations. The airport has 11 commercial airlines that offer approximately 200 daily non-stop flights to nearly 30 destinations in the US, Canada, and the Caribbean. There are also significant levels of GA activity at the airport associated with businesses flights, recreational flying, flight training, and air cargo activity. The majority of GA operations are corporate business flights and nearly 90 percent of the airport's based aircraft are owned by businesses. Resorts, convention centers, and the central business district rely heavily on the airport. The airport is also home to the Trauma Hawk Aero-Medical Program, an air ambulance service jointly provided by Palm Beach County Fire Rescue and Palm Beach County Health Care District. Transient military operations also occur at the airport and make up about one percent of the annual operations.



## Current and Forecast Demand

According to Florida Aviation System Plan data, there were 148 based aircraft and 137,985 total operations at the Palm Beach International Airport in 2014. Of the based aircraft, the majority are jet airplanes, along with some helicopters, single-engine airplanes, and multi-engine airplanes. GA operations vary from small single-engine piston trainers to multi-engine business jets. The largest class of plane that now operates at the airport on a regular basis is a Boeing 767, classifying the airport as having an Airport Reference Code of D-IV. Historic and forecast FDOT aviation activity information on file for Palm Beach International Airport is as follows:

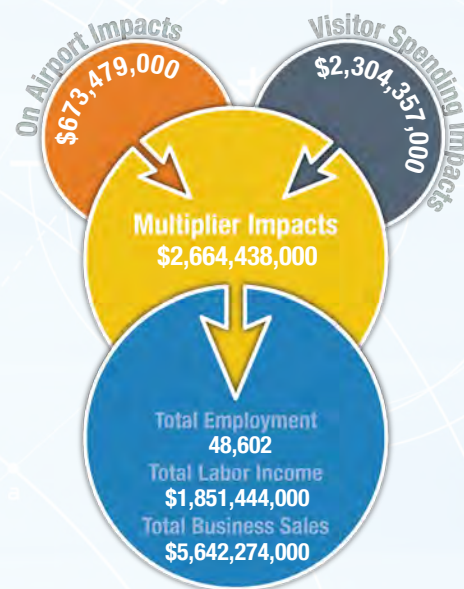




# Economic Impact

Palm Beach International Airport is in Palm Beach County, approximately four miles south of West Palm Beach. The airport has three runways, with the longest runway measuring 10,001 feet. The airport accommodates a full range of commercial and general aviation aircraft. The airport has nearly 200 daily non-stop arrivals and departures to nearly 30 destinations in the U.S., Canada, and the Caribbean. The airport also offers flights from Spirit Airlines, an ultra-low-cost carrier.

The airport is the primary airport for West Palm Beach, Boca Raton, and Palm Beach. The airport is one of three commercial airports serving the South Florida metropolitan area, but the least busy, making it an attractive option for travelers avoiding hectic traffic and lines. The airport is a gateway for many high-profile visitors, including the President. The airport supports businesses and cargo activities, including FedEx Express and UPS Airlines. The airport also supports fire protection and emergency medical services. The Palm Beach County Fire Rescue Aviation Battalion is located between runways at the airport and a fire station is located near the center of the airport grounds. The Trauma Hawk Station is also housed at the airport, which medevacs critically injured patients to area hospitals.



## Other Airport Characteristics

Palm Beach International Airport serves both GA and commercial aviation. The main use of the airport is to support commercial airlines and business flights. There are also three flight training schools that support flight training operations at the airport.

## Current and Future System Service Requirements/Recommendations

The airport is a full service, commercial service facility currently serving all capability categories evaluated by this analysis. Current facility enhancement activities include the installation of a pavement approach lighting system, extension of the terminal (Concourse C) for 3 additional gates, and modifying security check points. Additional plans include an 8,000 foot runway for staggered approaches/departures, growth appropriate to continue serving growing population and demand. The airport would like to see increased high end executive service, and a reconfiguration of terminal/concourse areas to modern standards, especially to minimize walking distances. Eventually, the airport foresees an LRT elevator & bus system/train to transport people across road to parking facilities. The airport currently serves local businesses, flight training, air charter, and a minimal amount of recreational/sport activity. The analysis indicates that the airport should continue to develop to maintain the current level of service in all service areas.

### General Aviation Airport Role



### Commercial Service Role



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