

Orlando International Airport



FLORIDA DEPARTMENT OF TRANSPORTATION
AVIATION AND SPACEPORTS OFFICE

Airport: Orlando International Airport
(MCO)

City: Orlando, FL

County: Orange County

Owner: Greater Orlando Aviation Authority

Role: Commercial Service Airport

Orlando International Airport, located in Central Florida, serves several of the nation's leading tourist destinations. The airport has four parallel runways, two of which are over 12,000 feet. Facilities at the airport are capable of supporting a full range of commercial aircraft for both domestic and international flights, and will be able to accommodate new large aircraft, including the Airbus A380 and Boeing B747-800.



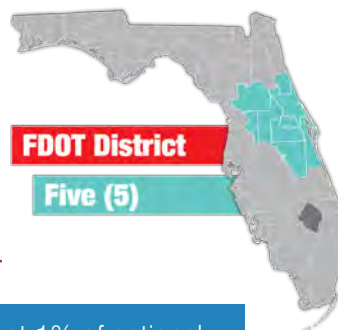
Existing Facilities

With 13,430 acres of land, Orlando International Airport is capable of accommodating a full range of commercial aircraft. The airport is served by four parallel runways: runway 18L/36R, runway 18R/36L, runway 17R/35L, and runway 17L/35R. The four runways are capable of providing simultaneous triple flow instrument landings and takeoffs. The longest runway, runway 18L/36R, measures 12,005 feet by 200 feet and is paved with asphalt and concrete. Runway 18R/36L measures 12,004 feet by 200 feet and is also paved with asphalt and concrete. Runway 17R/35L measures 10,000 feet by 150 feet, while runway 17L/35/R measures 9,001 feet by 150 feet. Both are paved with concrete. All four runways are in good condition and equipped with high intensity runway edge lights and precision approach path indicator lights. Each of the runways are also served by parallel taxiways and utilize ILS/DME instrument approaches. The airport also includes helipad H1, which is concrete and measures 44 feet by 44 feet. There are 16 parking spots provided for commuter and regional aircraft at the airport. There is also an operated air traffic control tower at the airport, open 24 hours a day, seven days a week.

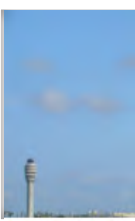
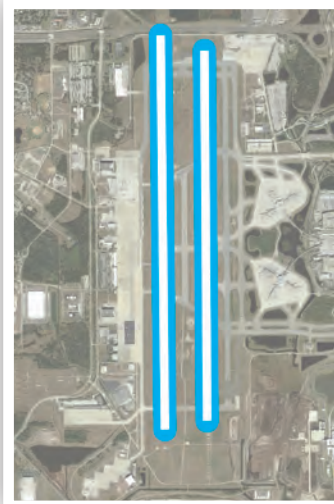
The airport has a passenger terminal that includes a 445-room hotel. The terminal is linked to four separate buildings with automated people movers that provide long term passenger processing capacity. The four separate buildings provide 80 domestic jet gates and 16 international jet gates. There are three on-site parking garages within walking distance of the main terminal, totalling 9,099 parking spaces. About one mile from the terminal there are four satellite parking areas accessible by shuttle, which provide another 11,830 parking spaces. General aviation, aircraft maintenance, airport rescue and fire facilities, and fuel farm facilities are located on the west side of the airport.

For more information, please visit Orlando International Airport's website at: <https://www.orlandoairports.net/>

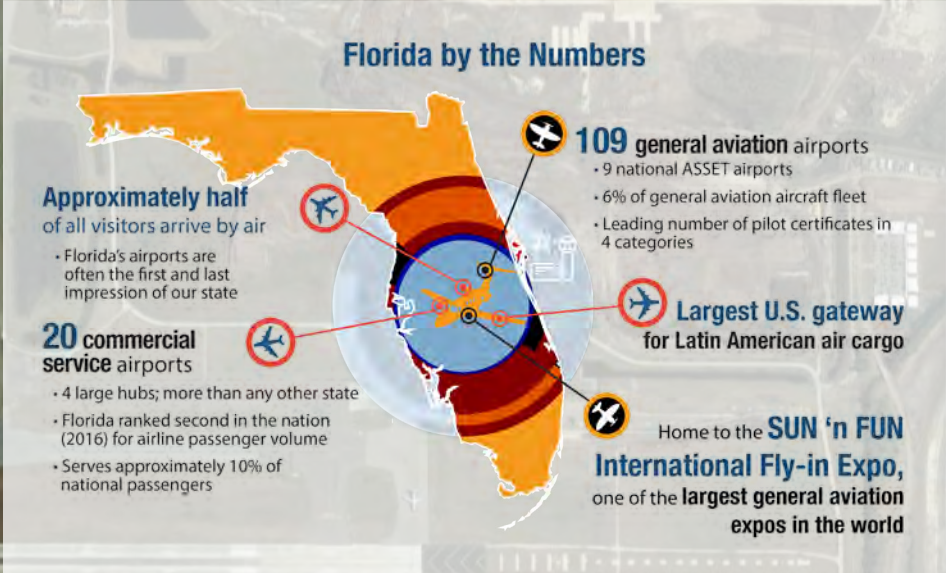
Airport Classification



Large Hub airports account for at least 1% of national passenger boardings. There are 30 Large Hubs nationwide and 4 in Florida (more than any other state), including Orlando International Airport. Nearly all of Large Hub airport's activity revolves around passenger and air cargo. More information can be found at https://www.faa.gov/airports/planning_capacity/npas/.



Photos credited to the Green



Community Service

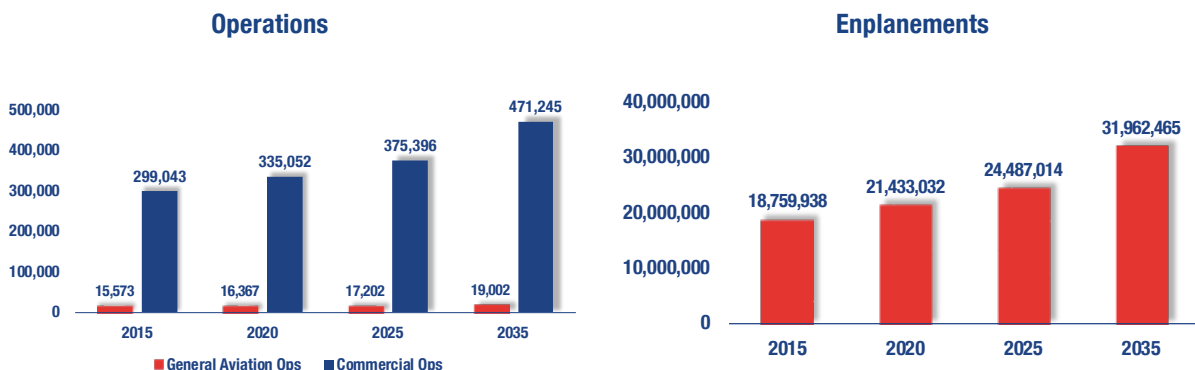


Orlando International Airport is the busiest airport in Florida, averaging approximately 926 aircraft operations daily and serving over 45 million passengers annually. It is a major domestic and international airport for both passengers and air cargo. The airport serves several of the nation's leading tourist destinations, including Walt Disney World. In 2017, approximately 91 percent of the annual operations were commercial operations, while only about 5 percent were transient GA operations.

The majority of the transient GA operations that occur are business related. Unlike many other airports located in the vicinity of Orlando, Orlando International Airport does not encourage flight-training, instead focusing on serving domestic and international commercial aviation, air cargo, and express mail. The airport has several dedicated air cargo facilities which accommodate freight operations for cargo carriers, such as FedEx and UPS. Improvements being done at the airport are planned to meet the growing need for the next generation of new large aircraft like the Airbus A380 and Boeing B747-8. The airport also includes over 120 shops and restaurants to serve its commercial passengers.

Current and Forecast Demand

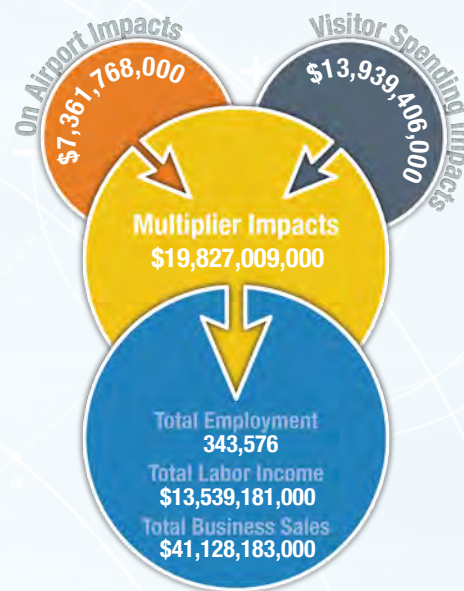
Orlando International Airport primarily serves domestic and international passenger airlines and air cargo operators. As of 2014, there were 34 based aircraft and 295,403 total operations at the airport. GA makes up only a small component of the airport's annual activity. Of the based aircraft, the majority are jet airplanes with the rest being multi-engine and single-engine airplanes. At present, the largest plane that uses the airport on a regular basis is the Boeing 747-400. The current Airport Reference Code for the airport is D-V. Historic and forecast GOAA aviation activity on file for Orlando International Airport is as follows:



Economic Impact

Orlando International Airport is located in Orange County, approximately eight miles southeast of Orlando's downtown. The airport has four runways, with the longest runway measuring 12,005 feet. The airport can accommodate a full range of commercial and general aviation aircraft. In 2017, the airport handled 44,611,265 passengers, making it the busiest airport in Florida and the eleventh-busiest airport in the U.S. The airport also has scheduled non-stop service to 61 international destinations and has more flights to U.S. destinations than any other airport in Florida. The airport also offers flights on ultra-low-cost airlines.

Orlando International serves as a gateway for visitors traveling to Orlando's many tourist attractions, such as Disney World and Universal Studios. The airport is a vital economic driver for the Orlando area as its proximity to convention centers and area hotels promotes business activity. The airport has a hotel on site and a partnership with Disney Magical Express, which whisks tourists from the airport to their Walt Disney World Resort hotels. The airport also supports cargo activity from companies like FedEx. MCO's tenants, including several manufacturers, transportation companies, and restaurants, contribute to its direct economic impact.



Other Airport Characteristics

Orlando International primarily serves commercial operations for domestic and international passengers and air cargo. There are no based military aircraft at the airport but military operations from transient military aircraft do make up less than one percent of the total annual operations at the airport. There is also a large industrial park located on the west side of the airport. This 1,400 acre industrial park is approximately 30 percent occupied.

Current and Future System Service Requirements/Recommendations

The airport is one of the largest tourist destinations in the U.S. and will continue to provide for tourism. Also, increases in business, air cargo, international and commercial related services will be planned. The airport has approximately 1,300 acres of undeveloped land on its east side and this area is reserved for long-term aviation support developed development. Analysis indicates the airport can accommodate increased levels of four of the Community Airport Services listed below, however, as a major commercial service hub airport, it is unlikely these activities will be aggressively pursued or encouraged.

Commercial Service Role



Tourism



Air Cargo



Business



International

General Aviation Airport Role



Flight Training



Corporate



Business/Recreational



Tourism



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