



# Facts and statistics about the New Indianapolis Airport

October 2007

## Midfield Terminal Project

- Largest development initiative in the City of Indianapolis's history
- Virtually a new airport (everything is new except the runways)
- Master architects: Hellmuth, Obata + Kassabaum, Inc.
- New FAA tower is the third tallest in the United States

## New Passenger Terminal Building

- 500 feet of terminal frontage on 1000-foot, two-level curb front
- Civic Plaza is large pre-security gathering and concessions space with 200-foot diameter skylight
- Total area 1.2 million sq. ft.
- Central baggage processing area 165,000 sq. ft.
- Retail space 90,000 sq. ft.
- Domestic baggage claim area 73,000 sq. ft.
- Office space 55,000 sq. ft.
- Number of domestic gates 38
- Number of international/domestic gates 2
- Length of each concourse 1,300 ft.
- Width of each concourse 100 ft.
- Number of doors 1,100
- Number of light fixtures 10,000
- Tons of steel 11,000 (including concourses)
- Moving walkways 10
- Elevators 23
- Escalators 10
- Ticketing hall maximum height 82 ft. to roof
- Civic Plaza height 60 ft. to roof
- Concourse departures level maximum height 30 ft. to roof

## Ticketing Hall

- Located at the departure level of the terminal
- Four islands of check-in counters, each island has up to 24 counter positions, twelve on each side
- 96 passenger check-in counters
- 16 curbside check-in positions

## Gates

- Each concourse provides access to 20 gates
- Aircraft gates can accommodate a complete range of narrow-body and wide-body aircraft, including regional jet aircraft with passenger boarding bridge access.
- Two international gates on Concourse A can accommodate one A380 aircraft

# New Indianapolis Airport

## International Facilities

- 24,220 sq. ft. federal inspection services (U.S. Customs) area
- Six Immigration and Naturalization Service (INS) positions
- Can process 400 passengers per hour

## Domestic Baggage Claim

- Located on lower level
- Six slope-plate baggage claim devices at 200 LF each
- Two dedicated areas for over-sized baggage
- Fifteen airline baggage services offices

## Baggage Handling System

- Baggage check-in configured as an island check-in system, with four islands each comprising two ticket counter conveyor lines
- 100 percent in-line baggage screening system

## Security Provisions

- Two passenger security checkpoints with space for 22 screening lanes
- Access Control Devices and CCTV Surveillance at points of access to the secured terminal building and the AOA (Air Operations Area)
- 300 feet clearance separation between terminal building and parking structure/surface parking

## Electronics

- Digital Video/Closed Circuit Television system interfaced with Fire Alarm and Access Control system for verification and response to alarms
- Access Control system with more than 350 security related doors and points
- If all of the Flight Information Display monitors for the facility were combined into a single screen, the screen would be 18 feet tall and 43 feet wide. The gate podium displays could be combined into a screen that would be 11 feet tall and 31 feet wide.
- Integrated Visual Information Display System
- Integrated Voice Paging system
- Integrated Energy Monitoring and Control System
- Facility supports wireless equipment throughout the terminal area

## Parking Garage

- Total area 2.5 million sq. ft.
- Public parking spaces 5,900 spaces
- Total rental car spaces (equivalent) 1,200 spaces
- Parking levels 5
- Moving walkways 4
- Elevators 10
- Escalators 8
- Incorporates a walk-and-pay system for quick exit
- The first level of the parking garage is dedicated to rental cars
- Ground Transportation Center (GTC) with commercial curb for hotel shuttles, buses and limousines
- Moving walkways in the garage on same level as pedestrian bridge will assist pedestrian movement between the terminal, garage and future hotel

## New Indianapolis Airport

### **Paving**

- Area of new apron and taxiway concrete 110 acres
- Area of new parking lot asphalt 150 acres
- Underground hydrant fueling system for aircraft
- Dual drainage system to accommodate aircraft de-icing fluids and storm water runoff

### **Energy Plant**

- Indianapolis Maintenance Center energy plant provides hot and chilled water to heat and cool the Terminal and future hotel
- 9,100 tons of chilling capacity
- 231,000 lbs/hr steam generation at the plant
- Connected to the terminal by means of a 5,800-foot utility corridor that is tunneled under the north runway and two taxiways.

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