The Boeing 747-8 Family

The Boeing 747-8 Intercontinental and 747-8 Freighter are the new, high-capacity 747s that offer airlines the lowest operating costs and best economics of any large passenger or freighter airplane in its class – while providing enhanced environmental performance.

This latest family of 747 jetliners meets airline requirements for a passenger airplane that serves the 400- to 500-seat market between the Airbus A380 and the Boeing 777-300ER airplanes, and for a freighter that continues the leadership of the 747 Freighter family in the world cargo market.

Both the passenger and freighter versions of the 747-8 allow operators to maximize their profitability. The new Intercontinental has 51 additional seats to accommodate 467 passengers in a typical three-class configuration and offers 23 percent more revenue cargo volume than the 747-400. The airplane features an all-new, 787 Dreamliner-inspired interior and a redesigned staircase. Boeing delivered the first 747-8 Intercontinental to an undisclosed BBJ customer Feb. 28, 2012. Launch customer Lufthansa took delivery of the first airline Intercontinental April 25, 2012.

Compared one on one, the 747-8 Freighter has no competitors. With a maximum structural payload capacity of 137.1 metric tonnes (137,166 kg), the 747-8 Freighter offers 16 percent more revenue cargo volume than the 747-400 Freighter. The 747-8 Freighter offers a range of 4,120 nautical miles (7,630 km) and enables operators to choose between carrying greater revenue payload—up to an additional 24 tonnes (26 tons)—or flying up to 900 nautical miles (1,660 km) farther in markets where cargo density requirements are lower. Boeing delivered the first 747-8 Freighter to launch customer Cargolux Oct. 12, 2011.
Both airplanes represent a new benchmark in fuel efficiency and noise reduction, allowing airlines to lower fuel costs and fly into more airports at more times of the day. The 747-8 Intercontinental gives double-digit fuel improvements over the 747-400 and has a 30-percent smaller noise footprint. The 747-8 builds on the current 747’s capability to fly into most airports worldwide, using the same pilot type ratings, services and most ground-support equipment. With a range of 7,790 nautical miles (14,430 km), the 747-8 Intercontinental can connect nearly any major city pair in the world.

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