Boeing 787-8 Dreamliner

**Brief Description:** The Boeing 787-8 Dreamliner is a superefficient airplane with new passenger-pleasing features. The 787 brings the economics of large jet transports to the middle of the market, using 20 percent less fuel than any other airplane of its size.

**Seating:** 242 passengers

**Range:** 7,850 nautical miles (14,500 km)

**Configuration:** Twin aisle

**Cross Section:** 226 inches (574 cm)

**Wingspan:** 197 feet (60 m)

**Length:** 186 feet (57 m)

**Height:** 56 feet (17 m)

**Cruise Speed:** Mach 0.85

**Total Cargo Volume:** 4,400 feet$^3$ (125 m$^3$)

**Maximum Takeoff Weight:** 502,500 pounds (227,930 kg)

**Program Milestones:**
- Authority to offer: Late 2003
- Program launch: April 2004
- Assembly start: 2006
- First flight: December 2009
- First delivery: September 2011

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