The Boeing 777X Delivers Proven Performance, Profitability and Reliability

The 777X is Boeing’s newest family of twin-aisle airplanes that builds on the passenger-preferred and market-leading 777. Boeing Commercial Airplanes in November 2013 launched the airplane at the Dubai Airshow with 259 orders and commitments from four customers. Production of the 777X is scheduled to begin in 2017 and first delivery is targeted for 2020.

Offering Complete Market Coverage and New Revenue Opportunities for Airlines

The 777X will be the largest and most-efficient twin-engine jet in the world, with 12 percent lower fuel consumption and 10 percent lower operating costs than the competition. The family includes the 777-8X and the 777-9X – both designed to respond to market needs and customer preferences. The 777-8X competes directly with the A350-1000, while the 777-9X is in a class by itself.

Opening new growth opportunities for airlines, the 777-9X seats 400-425 passengers with a range of 7,600 nautical miles (14,075 km). In addition, the 777-9X will have the lowest operating cost per seat of any commercial airplane. The 777-9X is the only twin-engine sized in this market space and doesn’t have a competitor.

The 777-8X seats 350-375 passengers with an incredible range capability of 8,700 nautical miles (16,110 km). However, range is only part of the story with the 777-8X. The complete story is flexibility. The 777-8X has the capacity to provide more revenue to operators: more payload in addition to improved fuel efficiency at both short and long ranges equals more revenue. That capability also allows the 777-8X to carry that increased payload at more challenging airports such as those constrained by high altitudes or hot temperatures. In the past, you had to trade range for payload. The 777-8X offers both – range and payload – maximizing its value to operators.
**Advanced Technologies Drive Efficiency and Environmental Performance**

The 777X introduces the latest innovative technologies, including the most advanced, fuel-efficient commercial engine ever. Engine supplier GE was the first partner announced on the program. Their GE9X engine will be greater than five percent more efficient than anything in its class.

In addition, the fourth-generation 777X composite wing has a longer span than today’s 777. Its folding, raked wingtip and optimized span deliver greater efficiency, significant fuel savings and complete airport gate compatibility.

When you combine ground-breaking engine technologies with Boeing aerodynamics and an all-new high-efficiency composite wing, you get an airplane that will be unmatched. This efficiency directly links to exceptional environmental performance. Carbon dioxide (CO₂) is produced as fuel is consumed. This means that reducing fuel use brings an equivalent cut in carbon dioxide emissions.

To top it off, the 777X takes the best of the proven and reliable 777, as well as the latest technologies from the 787 Dreamliner. Adding 787 technologies in the flight deck, flight controls and other systems is just the beginning. The 777X implements 787 technologies where they add value to our customers. Ultimately, the innovations of the 777X make it the most advanced and fuel-efficient commercial airplane.

**Advancing the Passenger-Preferred Interior**

Boeing airplanes lead the industry in passenger comfort. The 777X will take that advantage to the next level by incorporating 787 technologies and new advances to redefine the total passenger experience. Passengers will enjoy larger windows, a wider cabin, new lighting and enhanced architecture. With key development ahead, these improvements are just the starting point. The 777X will take advantage of state-of-the-art interior design and technologies. Passengers will enjoy the comfort and convenience while airlines will experience increased revenue opportunities.

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