**Boeing 777-300ER**

The Boeing 777-300ER (Extended Range) extends the capabilities of the 777 family by bringing its legendary reliability and passenger preference to new levels of efficiency and longer-range markets. The airplane’s performance, economics, range capability and payload capacity help operators maximize profits. The 777-300ER offers more growth and profit potential than the competition, providing a clear path to a successful future for airlines operating on the world stage.

**Largest Long-range Twin-engine Jetliner**

The flagship of the world’s elite airlines, the 777-300ER carries 396 passengers in a standard two-class configuration up to 7,370 nautical miles (13,650 km), on routes spanning, for example, New York to Hong Kong, Singapore to London and Sydney to Los Angeles.

The 777 delivers exceptional performance, passenger comfort and low operating cost. Compared to the competition (A350-1000), the 777-300ER carries 38 more passengers, flies 150 nautical miles (277 kilometers) farther and has similar operating cost per seat.

**Unsurpassed Reliability**

The 777-300ER is the most reliable twin aisle flying today. It has the highest schedule reliability of any twin aisle airplane at 99.5 percent – the airplane is on time, nearly all the time.
Superior Value

The airplane’s performance has earned it rave reviews with investors. The 2012 and 2013 *Airfinance Journal* investor polls voted the 777-300ER the best residual value for any twin-aisle airplane.

And, in 2014, *Airline Economics* magazine, the leading global publication for operators and investors of aircraft and engines, named the 777-300ER the “Best in Class” based on superior fuel use, passenger load cost and performance.

Preferred by Passengers

The 777-300ER has been selected by discerning business travelers as the “Best Aircraft Type” year after year. In 2014, the airplane was named Best Aircraft Type by readers of both Premier Traveler magazine, a "three-peat" win for the program, and by readers of Business Traveler magazine for the fourth year in a row making it the undisputed winner for passenger preference.

Premium Comfort

The airplane is renowned for its Boeing Signature Interior and spacious passenger cabin. Comfort at every seat and convenience throughout the cabin makes flying productive for business travelers, restful for leisure travelers and enjoyable for all on board. An award-winning interior further distinguishes the 777. Open and spacious, the 777 has a wider cabin and larger windows than any competing airplane. Room for an additional seat in every row gives airlines the opportunity to boost revenue passenger capacity while maintaining a high level of passenger comfort. Renowned for its comfort and convenience, it features spacious overhead bins that make it easier for travelers to stow carry-on luggage close to their seats. The 777 offers excellent cabin flexibility and the ability for operators to accommodate the latest in premium seats and in-flight entertainment.

Large overhead compartments provide passengers with increased stowage capacity. Outboard as well as center stowage units are designed to open downward for convenient loading. A six-foot-two inch (1.88-m) passenger can pass easily under the center bins. Further enhancing the flying experience, the 777 passenger windows are 12% larger than the A350.
Overhead Crew Rests

The 777-300ER offers overhead crew and attendant rest areas in the fuselage crown above the passenger cabin as an optional feature. Most airplanes offer crew rest areas either in the passenger cabin or in the cargo compartment – a costly alternative that reduces revenue-generating opportunities. By moving crew and attendant quarters off the main deck, operators can free as many as four to seven revenue passenger seats, or room for up to six LD-3 containers.

Advanced Technologies

The advanced technologies built into the airplane are stellar. Lightweight alloys and carbon-composite materials provide strength and resist damage. In addition, composite materials stave off corrosion and fatigue.

The industry-leading flight deck features flat-panel displays that present flight information in a readily accessible form, allowing pilots to quickly optimize flight parameters for schedule, passenger comfort and economy.

Electronic checklists, which airlines can customize with airline-specific information and procedures, speed preflight checks and save valuable minutes that can buffer departure schedules.

And, GE90-115BL engines feature carbon composite, swept fan blades and are considered the world’s most powerful jet engines, producing 115,300 pounds (512 kN) of thrust.

Continuous Improvements

The 777-300ER excels because Boeing never stops improving it. Customers' expectations for continually better performance keep the airplane evolving, further distinguishing it from the competition.

Since entry into service, Boeing has improved the 777-300ER through advances in technology, leading to an increase in range of 630 nautical miles (1,166 km); airframe maintenance cost decreases of 14 percent; and numerous software upgrades to enhance efficiency.

An improved maintenance program for the airplane increases the intervals between many maintenance tasks, saving more than 400 labor hours per airplane per
year—the equivalent of an extra day of revenue service annually for every 777 in the fleet, greatly benefiting operators.

Baseline engine, weight and aerodynamic improvements will be phased into production by the third quarter of 2016, improving fuel efficiency by two percent. Optional priced features allow operators to accommodate more seats for more revenue and further improve fuel efficiency per seat. The combination of baseline and priced optional features will result in an approximate five percent overall fuel use per seat improvement. These new offerings further demonstrate Boeing’s commitment to helping customers maximize profits and enhance the passenger flying experience.

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