Boeing 777-300ER

The Boeing 777-300ER 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 and economics are unbeaten and its 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 386 passengers in a standard three-class configuration up to 7,825 nautical miles (14,490 km), on routes spanning, for example, New York to Sydney, Singapore to London and Paris to Los Angeles.

The airplane delivers the highest reliability and lowest operating cost per seat of any aircraft flying. Compared to the competition (the A330-300), the 777-300ER carries over 100 more passengers and nearly 10 tonnes more revenue cargo 1,300 nautical miles (2,407 km) farther. Best of all, it does so at 12 percent lower cost per seat.

Unsurpassed Reliability

The 777-300ER has the highest schedule reliability of any twin aisle airplane on the market at 99.5 percent – the airplane is on time, nearly all the time. This far surpasses the A330-300 with its 99.0 percent schedule reliability. This .5 percent difference means the 777-300ER has half as many schedule interruptions as the competition.
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 fact, readers of Executive Travel magazine selected the 777-300ER as their favorite airplane for the last six years in a row (2008-2013), making it the undisputed winner for passenger preference.

Premium Comfort

The airplane is renowned for its Boeing Signature Interior and boasts the most spacious passenger cabin ever developed. 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.

As featured on all 777 models, the spacious cabin offers wider seats, wider aisles, more headroom, more seating 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. When closed, the stowage units fit neatly into the streamlined contours of the interior architecture to allow ample overhead clearance. A six-foot-two inch (1.88-m) passenger can pass easily under the center bins.

Like other members of the 777 family, the 777-300ER offers comfortable seating options in all classes. First-class passengers have 21-inch-wide (53 cm) seats, which allow them to enjoy the same level of comfort as on the popular 747. The Business-class seats are 20 inches (50 cm) wide and in economy class, the comfortable 17-inch-wide (43 cm) seats provide an efficient 10-abreast configuration. Another key
measurement for passenger comfort is shoulder room, which the 777 provides more of than any other airplane in its class.

**Overhead Space Options**

The 777-300ER offers overhead crew and attendant rest areas in the fuselage crown above the passenger cabin. 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 large 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.

**Ever Evolving**

The 777-300ER excels because Boeing never stops improving it. Customers’ expectation 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 13 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.

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