

December 2021

(Figures at end of November 2021)

## A330 FAMILY: POWERING INTO THE FUTURE

# **Key Figures**

**25%** advantage in fuel burn per seat vs previous generation competitors

1,400+ A330s in operations with 125+ organisation (largest widebody operator base)

- The most popular widebody family ever A330 dominates the widebody short to medium haul market
- Versatile Flying efficiently on routes from 20 mn to over 17 hours thanks to weight variants.
- A330neo: lowering operating costs by leveraging A350s new generation technology.
- The A330neo is the newest widebody aircraft offering unbeatable profitability
- Enhanced passenger experience in the quietest cabin in its category.

### Orders and deliveries

- Orders: 1,834 (incl. 348 A330neo, Freighters, MRTT) orders from more than 125 customers (2 order in 2020)
- **Deliveries**: **1,525**<sup>1</sup> (incl. 70 A330neo) to more than **125** operators (largest widebody operator base)
- Backlog:309 A330 (29 A330 and 280 A330neo)
- More than 1,300 A330s sold since B787 launch.

#### In-service status

- 1,444 aircraft in fleet including freighter and MRTT aircraft
- ~11 Years Average Aircraft Age (~1,7 years for A330neo)
- ~11 hrs daily utilization (~8 hrs for A330neo)
- ~4.5 hrs Average Flight Duration (~7 hrs for A330neo)
- 99.5% Operational Reliability
- More than 58 million flight hours since entry into service
- More than 300 new city pairs have opened since the launch of 787 (2011).

### **Product features**

## A330 Family

- The A330 Family is the most popular widebody Family ever
  - Highly reliable & versatile
  - flying efficiently from 20min to over 17 hours
  - o serving all mission types, for all market civil, freight, military and corporate

<sup>1</sup>Excluding 2 A330-900 delivered to Air Belgium via Airbus Financial Services





 The A330 benefits from Airbus commonality concept with significant operating costs reduction for airlines seamless integration into existing Airbus fleets and facilitated upsizing of airline's operations to long-haul.

#### A330-200

- Up to **7,250nm /13,450km** range: (same range as B787-8 but at lower cost)
- Typical seating from 210 to 250 passengers

#### A330-300

- Up to 6,350nm /11,750km range 97% 777-200ER (787-9) route coverage at lower cost.
- Typical seating from 250 to 290 passengers

### A330-200F

- o Mid-size freighter: up to 70 tons of payload with a range up to 4,100 nm / 7 600 km
- Up to 35% lower operating costs per tonne compared to larger freighters.

### • A330-200 P2F

o Mid-size freighter: up to 61 tons of payload with a range up to 4,200 nm / 7 800 km

#### A330-300 P2F

o Mid-size freighter: up to 61 tons of payload with a range up to 3,700 nm / 6 800 km

## A330neo - A new aircraft built on A330 proven values (A330-800 and A330-900)

- Launched to continue the great success of the most popular widebody A330
- One aircraft in two sizes with over 99% commonality: A330-800 and A330-900
- Thanks to continuous development A330 and A330neo share 95% commonality in airframe spare parts.
- Up to 7% lower Cash Operating Cost per seat than the B787
- The A330neo is member of the Airbus leading widebody family
  - Leveraging A350 technologies (winglet, Pylon, nacelle, bleed) and new generation engine RR Trent 7000, the A330neo burns 25% less fuel per seat than previous generation competitors (767-300ER and 777-200ER) or 14% less fuel per seat vs A330-200 and A330-300. Lowering operating costs by leveraging A350's new generation technology
  - Offering the Airspace cabin, a new passenger experience with highest comfort for maximum well-being, 3db quieter than competitors. It also offers cabin efficiency enablers such as a new rear galley complex, new lavatories and optimised lower deck crew rest.

## • True new generation aircraft:

- Powered by new generation Rolls-Royce Trent 7000 engine, with new pylon and new nacelle producing significant reductions in fuel burn
- New wing extended wingspan to 64m, state-of-the-art aerodynamics
- New full composite winglet
- New systems Latest technology A350 cockpit functionalities on board WI-FI Tablet
  EFB (Electronic Flight Bag) Dual head-up display Runway Overrun Prevention.
- A330neo benefits from Airbus commonality concept = significant operating costs reduction





for airlines: seamless integration into existing Airbus fleets and facilitated upsizing of airline's operations to long-haul:

- Only half a day of self-training from A330 to A330neo
- Only 7 days of training from A330 to A320.
- Only 8 days of training from A330 to A350 thanks to a common type rating.

### A330-800: The newest, most efficient longest range entry level widebody

- Based on the A330-200, having the largest operator base (100+) of any widebody aircraft
- Most efficient long-range route-opener thanks to its 8,150nm / 15 094 km capability for the latest variant.
- Best placed to replace aging 767s and eventually the currently relatively young A330-200 fleet.
- 50 airlines fly 450 city pairs using both A330 and A321 on the same routes.
- Up to 1,300nm / 2 400 km more range vs A330-200 (ceo operations range average) Enabling non-stop South East Asia – Europe and transpacific South East Asia – US West Coast

## A330-900: The newest, lowest seat mile cost mid size widebody

- Based on the A330-300, which is part of the most operated widebody family ever
- Consolidates A330 family position in the 300-seater category.
- Designed to replace A330-300, A340-300 and B777-200/ER
- 7,200nm / 13 334 km of range for the latest variant 251 t, 1,500nm / 2 780 km more range vs today's A330-300 (ceo operations range average)

### A330neo advantages vs B787

- More seats and flexibility in Y/C seating arrangements 8 abreast or 9 abreast
- Lower fuel burn per seat
- The quietest cabin 3bd quieter
- A330-900: -7% COC\*/seat vs. 787-9
- A330-800: -6% COC\*/seat vs. 787-8

\*COC: Cash Operating Costs (A330neo at 9 abreast)

### ACJ330neo

- A private jet version of the new A330neo
- Flying 25 passengers 10,400 nm/19,260 km or 21 hours, enough to fly nonstop from Europe to Australia.

### **Technical Data**

- Capacity from 200 to 440 seats.
- Variants include Freighter, VIP, and Military Tanker/Transport (MRTT) a/c





A330-200	210 to 250	406	7,250nm 13 450km	197'10'' 60.30m	193' 58.82m	57' 17.39m	242t
A330-300	250 to 290	440	6,350nm 11 750km	197'10" 60.30m	208' 63.66m	55' 16.79m 2	242t
A330neo							
A330-800	220 to 260	406	7,500nm 13 900km	210' 64.00m	193' 58.82m	57' 17.39m	242t
			8,150nm 15 094km				251t
A330-900	260 to 300	440	6,550nm 12 130km	210' 64.00m	208' 63.66m	55' 16.79m	242t
			7,200nm 13 334km				251t
Freighter		Max payload	Max range				
A330-200F	-	70 ton.	4,100nm 7 600km	197'10" 60.30m	192'11" 58.80m	55'5'' 16.90m	233t
A330-200P2F	-	61 ton.	4,200nm 7 800km	197'10" 60.30m	192'11" 58.80m	55'5'' 16.90m	233t
A330-300 P2F	-	61 ton	3,700nm 6 800km	197'10" 60.30m	208' 63.66m	55' 16.79m	233t
Other Variants							
A330 MRTT	(MRTT= Multi Role Tanker Transport) 111 tonnes of fuel / 45t of payload						
ACJ330neo	will fly 25 passengers 10,400 nm/19, 260 km, up to 21h non-stop flight						

• Engine options: CF6-80E1 PW4000 and RR Trent 700 RR / Trent 7000 on NEO generation

## **Cabin features**

- Quietest cabin in its category 3 dB quieter than 787, i.e. half the sound energy
- Flexibility with an 8-abreast 'comfort economy' or 9-abreast with similar seat width as 787
- 4th generation IFE offering high-definition video, 3D capabilities and touch screens
- Full LED ambient lighting: up to 16.7 million different colours of lights and 24 customizable,





dynamic lighting scenarios to simulate different times of day (e.g. mimicking natural sunrise and sunset) and reduce fatigue & jetlag after a long-haul flight

- New lower-deck crew rest option; Greater privacy & comfort for crew, while freeing-up space on main deck for more revenue passengers
- A330neo "Airspace" cabin Exclusive passenger experience:
  - Innovative and customizable entrance area
  - Larger modern bins offering passengers more overhead baggage stowage
  - New lavatories, with optional 'touchless' operation features, etc.
  - Innovative ergonomic galley & lav space-saving modular options
- The A330neo Family offers clean air via HEPA (High Efficiency Particulate Arrestor) filters. The air is renewed every 2-3 minutes.

## **Community benefits**

- 25% reduction in CO2 emissions per seat (vs previous generation competitor aircraft)
- •16.1 EPNdB noise margin to Chapter 4
- 27% NOx emissions below CAEP/6 standards

## **Programme main dates**

- 1987 A330-300 launch
- 1994 A330-300 First entry into service with Air Inter
- 1996 A330-200 launch
- 1998 A330-200 First entry into service with Air Canada
- 2005 A330 MRTT (Multi Role Tanker Transport) launch
- 2007 A330-200F launch 2010 A330-200F First entry into service with Etihad Cargo
- 2012 A330P2F launch
- 2013 1000th A330 delivered to Cathay Pacific
- 2014 A330neo launch
- 2017 A330-900 first flight (October 19)
  - A330P2F Entry into service with A330-300P2F delivery to DHL in December
- 2018 A330-900 certification (EASA Sept. 26 & FAA Dec. 21)
  - A330-800 first flight (November 6)
  - A330-900 first delivery to TAP Air Portugal (November 26)
- 2020 A330-800 certification (EASA & FAA Feb. 13)
  - 1500th A330 delivered to Delta Air Lines
  - A330-800 first delivery to Kuwait Airways

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