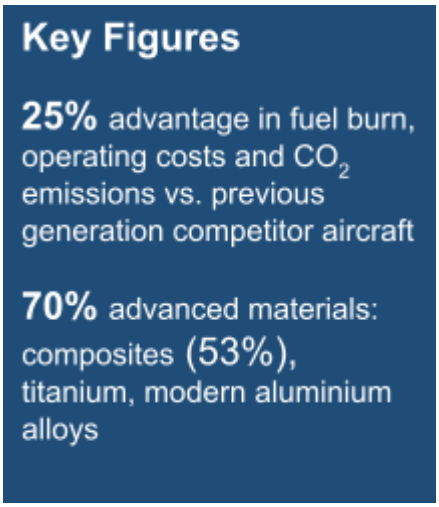
April 2024
(Figures at end of March 2024)

A350 FAMILY: SHAPING THE FUTURE OF AIR TRAVEL



- The A350 Family is the world's most modern and efficient widebody family and the long-range leader. It is the only all-new design aircraft in the 300-410 seater category, offering the lowest cost per seat of any large widebody.
- The A350 offers by design unrivalled operational flexibility and efficiency for all market segments up to ultra-long haul (8,700 m / 16 100 km).
- The A350's clean sheet design includes state-of-the-art technologies and aerodynamics delivering unmatched standards of efficiency and comfort.
- The A350's "Airspace" cabin is the quietest of any twin-aisle and offers passengers and crew the most modern in-flight products for the most comfortable flying experience

Orders and deliveries

- **Orders:** 1 277 orders (1 122 pax and 55 freighter) from 60 customers
- **Deliveries**: 592 A350s delivered to 40 operators. (incl. 84 A350-1000)
- **Backlog**: 685 (630 pax and 55 freighter)

In-service status

- 1,300,000+ revenue flights
- 4.3 Years Average Aircraft Age
- 1,160+ routes
- 355+ mio passengers
- Operational Reliability 99.34% (last 3-month rolling at end February2024)

Product features

<u>The world's most modern and efficient aircraft family</u>

- Combining the very latest aerodynamics, new generation engines and use of lightweight materials, the A350 brings a 25% advantage in fuel burn, operating costs and carbon dioxide (CO_2) emissions compared to previous generation competitor aircraft.
- State-of-the-art aerodynamics, inspired by nature, including unique wing morphing technology that continuously optimises the wing profile to reduce drag and lower fuel burn.

- Powered by new Rolls-Royce Trent XWB engines, the world's most efficient large aero engine flying today:
  - A350-900: 84,000 lbs take-off thrust
  - A350-1000: 97,000 lbs take-off thrust

- Over 70% of the airframe is made from advanced materials, including:
  - 53% composites
  - titanium (substitute for steel)
  - modern aluminium alloys

Community benefits

An eco-efficient, sustainable design for a quieter, cleaner aircraft reducing the environmental impact from gate to gate:

- Quietest in its class with 50% noise footprint reduction vs previous generation aircraft: exterior noise level of the A350-900 is certified at 22 EPNdB (Effective Perceived Noise Decibel) below ICAO Chapter 4 requirements.
- 25% less CO_2 emissions per seat. Demonstrating Airbus' commitment to minimise its environmental impact while remaining at the cutting edge of air travel.
- 31% NOx (Nitrogen (di)Oxide) emissions below CAEP/6.

Cabin features

- **The A350-900** offers 300-350 seats in typical 3-class configuration
- **The A350-1000** offers 350-410 seats in typical 3-class configuration, with the same comfort and 40% more premium area.
- The A350 features a 221 inch-wide cabin / 5,6 m (6" / 15 cm wider than 787) offering passengers absolute comfort in all classes, and flexibility for airlines to accommodate all types of configurations.

<u>Exclusive passenger experience</u>

- The quietest twin-aisle cabin :
  - Five decibels quieter than competing aircraft, and up to nine decibels quieter towards the front of the cabin. This means four times less noise.
- Lower cabin altitude thanks to composite fuselage: 6,000 feet vs 8,000 feet in an aluminium fuselage aircraft reduces passenger fatigue after a long-haul flight.
- Largest overhead luggage bins on the market.
- Highest ceiling (95 inches/2,4 m) in the industry and vertical sidewalls, increasing the feeling of space for passengers.
- Latest air conditioning and cabin temperature management systems:
  - Up to 8 temperature control zones for passengers in all classes, additional 4 zones for crew members.
- The A350 family offers clean air via HEPA filters (High Efficiency Particulate Arrestor) which remove **99.9%** particles in the air, down to the size of microscopic bacteria and virus clusters. All of the air in Airbus cabins is fully renewed about every **2-3 minutes**.

- Full LED ambient lighting: 16.7 million different colours for a large variety of customisable, 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.

In-Flight-Entertainment & Connectivity:

- Latest (fourth) generation in-flight entertainment system for all passengers: high definition screens and video on demand.
- Full connectivity (Internet, Email, GSM, WiFi) via personal devices for all passengers.
- Wireless connection, broadband connectivity.

A350 Technical Data

	A350-900	A350-1000
Typical 3-class seating	300-350	350-410
Max seating capability	440	480
Engine (Thrust)	Rolls-Royce Trent XWB-84	Rolls-Royce Trent XWB-97
Max.Take-Off Weight (MTOW)	283t	322t
Range	8,300nm (15,400km)	8,700nm (16,100km)
Length	66.80m (219' 2")	73.78m (242' 1")
Wing span	64.75m (212‘5“)	
Fuselage width	5.96m (19‘ 7“)	
Height	17.05m (55' 11")	17.08m (56' 0")
Max fuel capacity	141,000l	159,000l
Usable cargo volume	172,40 m^3	208,20 m^3

Operational flexibility

- A flexible, high-value Family comprising two complementary aircraft, the A350-900 and the A350-1000, with high level of commonality (95% common part numbers) and same type rating.
- **The A350-900** is a single and optimum platform, which offers unbeatable operational flexibility and efficiency, from short to ultra-long-range operations.
- **The A350-900 Ultra Long Range (ULR)** is the latest variant of the A350 Family. Capable of flying 9,700 nautical miles (18,000 kilometres) non-stop, the A350-900ULR offers the longest range of any commercial airliner in service today.
- **The A350F** brings the latest-generation efficiency and choice to the large freighter market up to 1011t payload. It is the only freighter capable of meeting the latest ICAO requirements (specific A350F Facts & Figures).

Commonality across all Airbus aircraft product line

- The A350 has been awarded a Common Type Rating with the A330 (+1,000 A330s in-service) allowing:
  - 65% reduction in training time for airline pilots (down to only eight days) versus a full type rating course
  - 15% higher pilot productivity with a single pool of pilots for both the A350 and the A330
- The A350 offers Cross Crew Qualification with the A320 Family (more in-service aircraft than any other jetliner).

2022 - Introduction of the A350 new standard

- Up to 1.2t Maximum Weight Empty (weight saving)
- Increased Maximum Take-Off Weight (additional range or payload)
- Enhanced take-off performance (more payload at challenging airports)
- Increased cabin volume (wider & longer cabin, additional seats)

Programme main dates:

2013	A350-900 first flight (14th June)
2014	A350-900 EASA (30th September) and FAA Type certification (12th November)
	First A350-900 delivery to Qatar Airways (22nd December)
2015	A350-900 Entry Into Service with Qatar Airways (15th January)
2016	A350-1000 first flight (24th November)
2017	A350-1000 EASA and FAA Type certification (21st November)
2018	First A350-1000 delivery to Qatar Airways (20th February)
	A350-1000 Entry into Service with Qatar Airways (24th February)
	A350-900ULR Entry into Service with Singapore Airlines (11th October)
2021	First A350 delivery to China Eastern from Completion & Delivery Center in Tianjin-China (July) (C&DC)
2021	A350F programme launch
2022	Introduction of the new A350 standard

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