

January 2022

(Figures at end of December 2021)

A350F - SHAPING THE FUTURE OF AIR FREIGHT

Key Figures

Payload: 109t

Range: up to 4,700nm at max payload

Transport capability:

Engines

Livestock

Outsize/heavy cargo

Courier area up to 10 pax

- The longest range most capable large freighter
- First to meet latest ICAO CO₂ emissions standard
- As new member of the A350 Family the A350F benefits from state-of-the art technologies, aerodynamics and unrivalled operational flexibility and reliability
- Benefits from Airbus commonality concept in crews, spares and engines

Orders & commitments

- **Orders:** 11 orders including 4 aircraft from CMA-CGM and 7 aircraft from Air Lease Corporation (ALC)
- **Commitments:** Letter Of Intent (LOI) from Singapore Airlines (SIA) for seven A350F and from Air France KLM group for four A350F

Main characteristics

- The Airbus A350F is the world's first new generation freighter
- Based on **the world's most modern platform** and the long-range leader, the A350-1000 powered by Rolls-Royce Trent XWB 97K engine
 - it offers **unrivalled operational flexibility and efficiency with high reliability** (99.5% for the pax version) - Latest technology, lowest operating costs
 - With an **optimized fuselage length** for cargo operation and a **large main deck cargo door**
 - and over 70% of the airframe made of advanced materials resulting in a 30t lighter take-off weight vs direct competitor aircraft
- The A350F serves all cargo market models (Express, general cargo, special cargo...) in the large freighter category
- Large freighter **up to 109t payload** - 11% more volume than competitor aircraft
- with a **range of 4,700nm** (at max payload)

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- The A350F *is the only freighter that* meets the latest ICAO CO2 emissions standard that will come into effect end 2027

Product features

- Extra large rear main deck cargo door (146,5" x 124" / 3810mm x 3721 mm) with an opening angle of 65° that enables:
 - Large engines transportation (T1000 / T7000 / TXWB / GE9X)
 - long pallets loading
- Balanced aircraft for ground operations: CG range, cargo loading, no tail tipping
- The best option for general freight and express international markets
 - General cargo layout:
 - Main deck: 30 pallets 96 x 125"
 - Lower deck: 12 pallets 96 x 125"
 - Express layout:
 - Main deck: 30x AM-base containers
 - Lower deck 40x LD3 containers
- Reinforced and more capable main deck cargo floor.
- Optimised and modern Cargo Loading System (CLS)
- Fine temperature control per compartment on both decks
- Powered by new generation Rolls-Royce Trent XWB 97K engine
- includes state-of-the-art technologies and aerodynamics
- Latest technology in the cockpit - Wi-Fi Tablet Electronic Flight Bag (EFB) - Dual head-up display - Runway Overrun Prevention.
- New courier area up to 11 seats (10 PYC* seats + 1 CAS **) separated from main deck by a rigid barrier wall
- Quietest in its class with 50% noise footprint reduction vs previous generation aircraft

Community benefits

- Compliant with most stringent ICAO Chapter 14 for noise and CAEP/8 for NOx
- 20% less fuel burn and 20% lower CO2 emissions vs. competitor aircraft*
- Meets newly adopted ICAO CO₂ emissions standard Applicable to current production aircraft after 31st December 2027

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Technical Data

Freighter	Courier area	Max structural payload	Max range	Wing Span	Overall length	Overall height	MTOW	MLW
A350F	up to 11 occupants (10 PYC* seats + 1 CAS**)	109 t	4,700 nm at max structural payload	212ft 5in' 64.75 m	232ft 4in 70.8 m	56ft 1in 17.08 m	319 t	250 t

* Premium economy Class

**Cabin Attendant Seat

Programme main dates

- 2021 A350F launch
- 2025 Target EIS

Airbus A350F vs Boeing 777F

Compared to that aircraft, the A350F has:

- 11% more volume (71 m3 ~3.5 main deck pallets)
- 3t more payload / 30t lighter take-off weight
- 300nm more range at equivalent payload
- 20% better economics (lower cash operating cost) per tonne
- New engine technology and aerodynamically optimised design
- 20% less fuel burn and 20% lower CO2 emissions vs B777F
- The only freighter meeting the 2027 ICAO emissions standard
- Fly-by-wire and the most modern cockpit & avionics flying today
- Airbus A350 family commonality in crew, spares and operations

Airbus A350F vs Boeing 747-400F

- Same volume
- Lighter airframe: 32t lighter empty weight
- Up to 30% lower cash operating cost per tonne
- About 40% less fuel burn and 40% lower CO2 emissions vs B747F

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