A350F - DELIVERING A SMARTER WAY

Key Figures

- Payload: 109t
- Range: up to 4,700nm / 8700 km 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: 18 orders including 4 aircraft from CMA-CGM, 7 aircraft from Air Lease Corporation (ALC) and 7 aircraft from Singapore Airlines (SIA)
- Commitments: Letter of Intent (LOI) from Air France KLM group for four A350F and from Etihad (ETD) for seven A350F

Main characteristics

- The Airbus A350F is the world’s first new generation freighter.
- The Airbus A350F is 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 optimised 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 / 8700 km (at max payload)
- 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
- Include 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

Technical Data

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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 entry into service

Airbus A350F vs Boeing 777F
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 per trip
- 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 40% lower cash operating cost per tonne per trip
- About 40% less fuel burn and 40% lower CO2 emissions vs B747F

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