

July 2014

**A350-900 MSN005 – KEY FACTS & FIGURES****A350-900 MSN005 Aircraft Specifications**

- Engines: Rolls Royce Trent XWB
- Thrust Rating: 84,000 lbs
- Maximum design takeoff weight: 268t (590,800 lbs)
- Height: 17.05m (55' 11")
- Length: 68.89m (219' 5")
- Wingspan: 64.75m (212' 5")
- Max Fuel Capacity: 138,000l (36,456 USg)
- Typical cruise speed: Mach 0.85 (930km/h at FL410, ISA)
- Total Cargo volume (Pallets/LD3 + Bulk): 172.4m<sup>3</sup> (6,088 ft<sup>3</sup>)

**Flight test station on-board MSN005**

- 350 parameters
- Selective real-time analysis
- Complete data downloaded to Toulouse for detailed analysis.

**A350-900 MSN005 Cabin characteristics**

- eXtra Wide Body fuselage - Maximum Cabin width: 5.61m (221" sidewall-to-sidewall)
- Total number of seats : 265
- **42 Business-class seats:** Sogerma Solstys in a 4-abreast configuration at 43-44" pitch. Full lie-flat bed length 73.5-74", Armrest-to-armrest width 21"

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- **223 Economy-class seats:** at 9-abreast:
- 108 Zodiac US (ex-Weber) Z300 at 32-34" pitch
- 115 Recaro CL3620 at 33-34" pitch
- 100% LED lighting: 16.7 million colours for unlimited mood-lighting scenarios to reduce jet-lag
- Thales AVANT IFE (In Flight Entertainment)
  - 4<sup>th</sup> generation of IFE provides widescreen HD entertainment in all classes.
  - ALNA V2 full connectivity for GSM, and data
- Wide panoramic windows create a light and open feeling in the A350 XWB's cabin.
- Draught-free air conditioning system featuring HEPA and VOC filters
- Precision temperature control: 8 different temperature zones
- The A350 XWB uses a Gust Alleviation System to assure a smooth flight.
- Passenger well-being is improved by maintaining a low cabin altitude (6000ft), high relative humidity (similar to A380), advanced air filtering (HEPA filters) and seamless temperature control with 7 independent temperature control zones (8 on A350-1000) in the passenger areas of the cabin.
- Large overhead stowage compartment with a capacity of 5 standard roller bags (lateral) and 3 roller bags and small hand luggage (central)
- Flight crew rest compartment equipped with 2 bunks (+IFE) and a seat with table located behind the cockpit in the crown area.
- 6-bunk cabin crew rest compartment in the crown area at the rear of the cabin (also available with 7 or 8 bunks)
- All crew rest access stairs integrated in galley monuments for no loss of revenue
- SFE (Supplier Furnished Equipment) galley structure manufactured by B/E Aerospace.
- SFE lavatories manufactured by ZOCI (Zodiac OEM Cabin Interiors)

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