

2016 Airbus A350-900



**2 x New A350-900 September-October 2016
Deliveries**

28B/C and 303 Economy Class seats

A350-900 AIRCRAFT SPECIFICATIONS

GENERAL DESCRIPTION

Aircraft Type	A350
Aircraft Series	350-941
Engine Type / Model	RR TRENT XWB-84
APU Type / Model	Honeywell HGT1700

WEIGHTS

Standard Weights

	<u>Operational</u>
Maximum Take-Off Weight: (kg)	268 000 kg
Maximum Landing Weight: (kg)	205 000 kg
Maximum Zero Fuel Weight (kg)	192 000 kg
Maximum Taxi Weight (kg)	268 900 kg

Optional Dual weight variant mode ("medium range mode" and "long range mode") selected, Option under certification.

FUEL

- Standard Fuel Capacity (Total) - 138 000 liters (36,456 US gal).
- Installation of a cockpit refuel control (without additional refuel/defuel coupling installed)
- Installation of a fuel jettison system (without additional refuel/defuel coupling installed)

INTERIOR CONFIGURATION

Galleys	<i>(ATLAS std.)</i>
Galley Locations	<i>G1FR/G1FL/G1A(FWD), G2F / G2A (MID) G4FR / G4F / G4AL / G4A / GAAR (AFT)</i>
Lavatories	9
Cabin Attendant Seats	14
Floor Path Marking	Photo luminance floor path marking
Entertainment	Thales AVANT AVOD system.
Cabin Connectivity	Onboard Mobile Telephony System (OMTS-TopConnect) and WiFi through Ka-Band SATCOM.
Catering Standard	ATLAS

CABIN CONFIGURATION

- BC/EY Configuration – 28 BC & 303 EY
- Seats – B/C- ZODIAC CIRBUS, 42"pitch.
– E/Y- ZODIAC Z300, 31"/32" pitch

CARGO COMPARTMENT

- Bulk Cargo heating and ventilation system: available.
- Forward cargo compartment ventilation and temperature control: available

CREW REST COMPARTMENTS

Including:

- FCRC module,
- CCRC module - 6 bunks ,
- Installation of a manually activated FCRC occupied lighted sign at door 1 working area.

AIRCRAFT STATUS

Communication

- Cockpit Door Surveillance System (CDSS)
- Cabin Video Monitoring System (CVMS)
- HFDR – Dual
- Two VHF Data Radios (VDR) with two channels each, providing three active channels and a fourth standby
- SSCVR with datalink recording capability and underwater locator beacons
- Emergency Cabin Alert System
- FANS A+B
- Wi-Fi Gatelink connection
- Landscape camera system

Navigation

- ATC Transponder – DO-260B Compliant
- TCAS Change 7.1
- RVSM
- Single ADF – provision for second ADF
- VOR – Dual
- DME – Dual
- MMR
- Aircraft Environment Surveillance System (AESS) (Includes Weather Radar with Predictive WindShear, TCAS, TAWS, ATC Mode S Transponders)
- Second ISIS (standby navigation display)
- Combined GBAS Landing System (GLS) and Satellite Landing System (SLS)
- Aircraft Traffic Situational Awareness (ATSAW) Step 2A function
- Airport Navigation Function (ANF)
- Brake To Vacate function (BTV)
- Runway Overrun Prevention System (ROPS)

Indication and recording

- SSFDR
- Dual Head Up Display for Captain and First Officer
- Tailstrike Indication (TSI)

Onboard Information System

- Class 2 Electronic Flight Bag (EFB) laptop
- Aircraft Messages Exchanged (AMEX) - Push over IP communications
- Capability to access to maintenance function using a wired PMAT
- Installation of a hosting capability for a 3rd laptop
- Installation of a wireless system for operations
- Activation of Wireless System access to Cabin Operation Applications (COA)
- Installation of a Cabin Crew Mailing Function
- Activation of Wireless System Access to Telemedicine

LANDING GEAR

Manufacturer MLG : Messier Dowty
Manufacturer NLG : Liebherr-Aerospace

WHEELS & BRAKES

	Brakes	Tires
NLG	Not installed	BRIDGESTONE
MLG	GOODRICH	BRIDGESTONE

EQUIPMENT

<u>Description</u>	<u>Qty</u>	<u>Manufacturer</u>
Espresso Machine	1	BE aerospace
Bun warmer	4	BE Aerospace
3 Mode Refrigerator	4	BE aerospace
Beverage maker	4	BE aerospace
STD Container	70	ATLAS std
Ice Container	5	
Steam Oven	14	Zodiac aerospace
Trolley - Half	43	ATLAS std
Trolley - Full	22	ATLAS std
Trolley – Full (Waste)	3	ATLAS std
Water Heater (High power)	7	BE aerospace
Microwave oven	2	Ipeco
Trash Compactor Unit	1	Zodiac aerospace

OTHER

- Cold Weather Package
- Certification - Compliance Status Report For EASA Air Operations Regulation, Part-CAT.IDE.A
- Certification - Compliance Status Report For EASA Air Operations Regulation, Part-ORO.SEC
- Takeoff with a 15 KNOT Tail wind.
- Auto Flight - Flight Management (FM) - Activate CDA Function
- Installation of an extended cargo fire extinguishing capacity for up to 370 minutes ETOPS
- Flammability Reduction System (FRS) installed to provide flammability protection in the fuel tank(s)
- Installation of Additional Push to talk (PTT) Switches On The Glare Shield
- Installation of A Second HF System
- Installation of Headset For The Cockpit 4th Occupant
- Provision for Additional Galley Power Supply - Two Additional Galley Feeders Required By Layout
- Installation of Extended Center OHSC s (Up To Door 1 Maximum)
- Installation of Medical Outlet Panels At D2 Fwd LH And D4 Fwd RH
- Installation of Passenger Individual Air Outlet Panel (Not Available For High Ceiling)
- Installation of power outlet on G1A
- Flight Warning System (FWS) - Activation of A Dual Operator Customized ECAM Database (OCED)
- Generation of An Aural Alert For Excessive Bank Angle
- Installation of Dual Head Up Display (Captain and First Officer)
- Installation of a Brake Cooling Fan System Based On Goodrich Wheel And Brake Assembly
- Installation of Handrail Light
- Installation of Additional Flight Crew Oxygen Cylinders
- Additional Passenger Oxygen Masks per Seating Group
- Installation of an Extended Duration Passenger Oxygen System - 22 Min
- Selection of Customized Cabin Lighting Scenarios
- Installation of a Heated Drainage System in the Lower Deck Forward and Aft Cargo Compartments

