

# Specification Summary
# Airbus A320-231

**1994 A320-231 Rev 7R**

**Dated 6 August, 2010**

**DISCLAIMER**

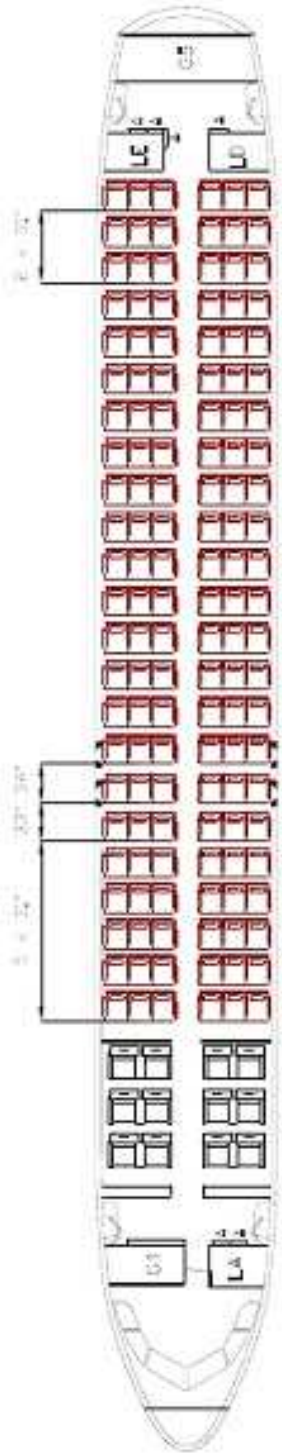
Specification Summaries are provided as information for the convenience of our customers. While every effort has been made to ensure consistency of the aircraft's configuration, the Specification Summary does not constitute an offer or contract.



| | | | |
|---|---|---|---|
| **AIRCRAFT DETAILS** | Model | **A320-231** | |
| | Serial Number | **LOI and POF** | |
| | Date of Manufacture | **Apr, 1994** | |
| | OEM Detail Specification | **D.000.02000 Issue 3** | |
| **CERTIFICATION** | OEM Delivery Certification | | |
| | Existing Certification | **FAA (FAR Part 129)** | |
| | Return Certification requirement | **N/A** | |
| **POWERPLANT** | Manufacturer | **IAE** | |
| | Engine Type & Model | **V2500-A1** | |
| | Thrust Rating | **24,800 lbs.** | |
| | Noise rating | **Stage III** | |
| **CONTRACTUAL OPERATING WEIGHTS** | Maximum Taxi Weight | **77,400 kg** | *170,635 lbs.* |
| | Maximum Take Off Weight | **77,000 kg** | *169,754 lbs.* |
| | Maximum Landing Weight | **64,500 kg** | *142,198 lbs.* |
| | Maximum Zero Fuel Weight | **61,000 kg** | *134,480 lbs.* |
| | Basic Empty Weight | **42,098 kg** | *92,809 lbs.* |
| | Date of Last Weighing | **3 October, 2009** | |
| **ETOPS** | ETOPS Capability | None | |
| | Current ETOPS Compliance | NA | |
| **APU** | Manufacturer | **Honeywell** | |
| | Model & P/N | **GTCP36-300A** | **3800278-4** |

| | | | |
|---|---|---|---|
| **WHEELS AND BRAKES** | | **Nose Gear** | **Main Gear** |
| | Tire Size, Ply Rating | **30” x 8.8”-15, 16 PR** | **46” x 17”-20, 30PR** |
| | Speed Rating | **225 mph** | **225 mph** |
| | Wheel Manufacturer | **Goodrich** | **Goodrich** |
| | Brake Manufacturer | **NA** | **Goodrich Carbon** |
| | Brake Temp Monitoring System | **NA** | **Yes** |
| | Brake Fans | **NA** | **No (provisions only)** |
| **FUEL SYSTEMS** | Capacity | **23,859 Liters** | *6,303 US Gallons* |
| | Indication Units | **Metric (kg)** | |
| **CARGO COMPARTMENT** | Fwd Capacity | **13.28 cu m** | *469 cu. Ft* |
| | Aft Capacity | **18.26 cu m** | *645 cu. Ft* |
| | Bulk Capacity | **7.22 cu m** | *255 cu. Ft* |
| | Cargo Loading System | **No** | |
| | Fire Suppression | **No** | |
| **FLIGHTDECK GENERAL INFORMATION** | Display Format (EFIS) | **PFD & ND** | |
| | Display Format (ECAM) | **E/WD & SD** | |
| | Configuration | **2 Crew + 2 Observer** | |
| | Crew Oxygen | **40 Cubic ft cylinder** | |
| **OPERATIONAL / REGULATORY FEATURES** (Currently Installed) | 8.33 Spacing | **No** | |
| | Elementary Surveillance | **No** | |
| | Enhanced Flightdeck Door | **Yes** | |
| | EGPWS (TAWS) | **Yes** | |
| | Flight Data Recorder Parameters | **FAA & EASA** | |
| | Flight Deck Door Area Video Surveillance | **No** | |
| | FM Immunity | **Yes** | |
| | RVSM | **Yes** | |
| | TCAS Version 7 | **Yes** | |

**A320-200**
Interior Arrangement



**150 Dual Class Layout**
12 Business Class @38" Pitch
138 Economy Class @32" Pitch
Except As Shown

**FIGURE 1**

The LOPA layout is provided to highlight approximate equipment locations.
The above diagram is not an exact representation

## INTERIOR ARRANGEMENT (See Figure 1)

### Seats

| | | | |
|---|---|---|---|
| Business | 12 | Weber | 7070-series |
| Economy | 138 | Weber | 5600-series |

### Galleys (see next page for additional detail)

| | | | |
|---|---|---|---|
| G1 | Fwd | B/E | 47301000-3 |
| G5 | Aft | Aerospace | 47305000-9 |

### Lavatories

| | | | |
|---|---|---|---|
| LA | Fwd | | D2549020500400 |
| LD | Aft | Airbus | D2549021500400 |
| LE | Aft | | D2549023500200 |

### Attendant Seats

| | | | |
|---|---|---|---|
| L1 - LH | Fwd | | WN50BYB3YS00023 |
| L1 - RH | Fwd | | WN93BYB3YS00023 |
| L2 | Aft | Sicma | FN10B3B3YS01023 |
| R2 - RH | Aft | | DN11KYB3YS00023 |
| Ctr | Aft | | RL27FYF4YS00008 |

### Entertainment Systems

| | | |
|---|---|---|
| Audio | Panasonic EFX | |
| Video | Panasonic EFX | |
| | Business | Overhead |
| | Economy | Overhead |
| Airshow | None | |
| PC Power | No | |
| Airphone | No | |

### Emergency Equipment

| | | |
|---|---|---|
| Emergency Exit Path Lighting | Seat mounted, powered | |
| ELT Transmitter | Qty (1) Fixed | Kannad 406AF P/N S1821502-02 |
| | Qty (1) Portable | Honeywell P/N 607690-2 |
| Flotation Devices | Life Vests | |
| Escape Slides | Qty (4) Doors L1, R1, L4, R4 | |

**Door Configuration** C – III – III – C



Except as noted, this report provides a Specification Summary of A320-231 MSN: LOI + POF
reflecting the current configuration at the existing operator

| | | G1 | G5 |
|---|---|---|---|
| **GALLEY CONFIGURATION** | Location | **Fwd** | **Aft** |
| | Mounting (H) or (S) | **H** | **H** |
| | Power capability | **Yes** | **Yes** |
| | Galley Power | **20 kVA** | **30 kVA** |
| | Water Available (Wet) | **Yes** | **Yes** |
| | Ovens | **2** | **4** |
| | Coffee Maker | **1** | **2** |
| | Water Boilers | **0** | **0** |
| | Waste Containers | **1** | **1** |
| | Full size Carts | **4** | **7** |
| | Half-size Carts | **0** | **0** |
| | Standard Units | **2** | **4** |
| | Configuration | **ATLAS** | |

| | | # | Manufacturer | Model | Part Number |
|---|---|---|---|---|---|
| **COMMUNICATION** (Currently Installed) | ACARS | **1** | **Honeywell** | | **3614291-4519** |
| | Cockpit Voice Recorder (SS) | **1** | **Honeywell** | | **980-6022-001** |
| | CIDS (DEU) | **2** | **Messerschmitt** | | **Z010H001** |
| | HF | **1** | **Rockwell** | | **622-5272-020** |
| | SELCAL decoder | **1** | **TEAM** | | **BC2065C** |
| | VHF | **3** | **Rockwell** | | **822-0693-020** |
| **INDICATION/ RECORDING** (Currently Installed) | CFDIU | **1** | **SFENA** | | **B401ACM0507** |
| | DFDR | **1** | **Honeywell** | | **980-4700-003** |
| | FDIU | **1** | **SFIM** | | **ED43A1D6** |
| | ECAM Control Panel | **1** | **Aerospatiale** | | **35-0L0-1001-04** |
| | Flight Deck Printer | **1** | **Honeywell** | | **8055515-4501** |
| | FWC (Flight Warning Computer) | **2** | **Aerospatiale** | | **350E053020606** |
| | DMU (QAR) | **1** | **Teledyne** | | **90311624385** |
| | SDAC (Sys Data Acquisition Concentrator.) | **2** | **Aerospatiale** | | **350E5151331** |
| **NAVIGATION** (Currently Installed) | ATC Transponder | **2** | **Rockwell** | | **622-7878-301** |
| | ADIRU | **3** | **Honeywell** | | **HG1150AC06** |
| | ADF | **2** | **Rockwell** | | **622-5222-020** |
| | DME | **2** | **Rockwell** | | **622-4540-023** |
| | Display Management Unit | **3** | **Thales** | | **9615325032** |
| | FCU | **1** | **SFENA** | | **K217ABM11** |
| | FMGC | **2** | **SFENA** | | **B398BCM0109** |
| | MCDU | **2** | **SFENA** | | **K226ABM4** |
| | GPS | | None | | |
| | EGPWC | **1** | **Honeywell** | | **965-0976-003-206-206** |
| | ILS Receiver | **2** | **Honeywell** | | **2041230-3532** |
| | Radio Altimeter | **2** | **TRT** | | **9599-607-14942** |
| | TCAS | **1** | **ACSS** | | **4066010-910** |
| | TCAS Control Panel | **1** | **Aerospatiale** | | **879-2525-014** |
| | VOR / Marker Beacon Receiver | **2** | **Rockwell** | | **822-0726-020** |
| | Weather Radar Unit | **1** | **Rockwell** | | **622-5132-120** |

*Avionics List updated per physical inventory Aug, 2010*



Except as noted, this report provides a Specification Summary of A320-231 MSN: LOI + POF
reflecting the current configuration at the existing operator

**DISCLAIMER**

Specification Summaries are provided as information for the convenience of our customers.
While every effort has been made to ensure consistency of the aircraft's configuration, the Specification Summary does not constitute an offer or contract.