



# **2013 AIRBUS ACJ320 SPECIFICATIONS**

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## AIRFRAME

Aircraft Make: Airbus SAS

Aircraft Model: ACJ320

Date New in Service After Completion: 2013

No Damage History: NIL

Total Airframe Time: 2526 Flight Hours and 673 Landings

## HIGHLIGHTS

- ❖ 30 Passengers Configuration
- ❖ 4 Zone VVIP Cabin with Stateroom
- ❖ Low Hours
- ❖ Extended Range with 2 Aux Tanks
- ❖ 6C (144 Month) Check done in March 2025
- ❖ FAA Compliant
- ❖ ADS-B Out, TCAS 7.1 & 8.33 khz Channel Spacing
- ❖ RVSM & RNP
- ❖ Swift Broadband High Speed Data and Cabin Wifi

## ENGINES

Engine Make & Model: International Aero Engines Model V2527-A5

Engine Power-by-The Hour Plan: NIL

Engine Total Time: 2526 Hours and 2526 Hours

Engine Cycles: 673 Cycles and 673 Cycles

## APU

Make & Model Auxiliary Power Unit: Pratt & Whitney Canada Corp Model APS 3200 / SERIES 043

APU Power-By-The Hour Plan: NIL

APU Total Time: 3608 Hours and 2224 Cycles

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## AVIONICS

- Dual ADF
- FMGC Release 1A FMS
- Dual Hi Frequency
- DDRMI
- SATCOM w/ Dual SBB Channels
- Dual w/ PWS & Autotilt Function Weather Radar

## ADDITIONAL EQUIPMENT

### Cockpit:

AOC w/HFDL, Tire pressure indicating system, ATSU w/AOC software, ISIS w/altitude in meter, aspirated TAT probes, HUD provisions, Northrop Grumman 4MCU ADIRS, triple RMP MLS/GLS (compatible w/turbo tuning), ADS-B Out

### Crew Accessories:

Foot air outlets w/ electrical heaters, Sennheiser HME46-C boom sets.

### Equipment:

Forward LS entrance airstairs, reinforced cockpit door, forward & aft individual air outlets, ozone catalytic converters, dual advisory ice-detection system, Universal brake cooling fans, potable water pressurization system w/auxiliary compressor, Water/waste freezing protection, dual additional center fuel tanks, cargo fire extinguishers, forward overwing exits w/deactivation, cockpit oxygen cylinder w/in-situ replenishment facility fourth TRU, Galley power increase with additional 5 kVA for forward galley

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- A320-232 ETOPS (EASA/JAA 120 min) - IAE V2527-A5
- Compliance status of Chinese operational requirement CCAR121 subpart J and K
- Cabin emergency equipment - change BFE to SFE
- Avionics/cockpit - ELT change from BFE into SFE
- Avionics/cockpit - change ROCKWELL COLLINS AOC from BFE to SFE (with units in kg by default)
- External livery - Standard complexity
- A320-232 increased design weights - MTOW to 77 t, MLW to 66 t, MZFW to 62.5 t (wv 012)
- Installation of Chinese registration plate on pax door 1 LH frame (CAAC regulation)
- Bilingual English/Chinese residual cabin & cargo pressure door warning placards (CAAC regulation)
- Bilingual English/Chinese door operation external placards and markings (CAAC regulation)
- Engine danger area decals - feet and metric/English and Chinese distances
- Bilingual English/Chinese selected external placards and markings (A320) (CAAC regulation)
- Bilingual English/Chinese break-in markings (CAAC regulation)
- "INFLATE TYRES WITH NITROGEN ONLY" placard on NLG"
- Bilingual English/Chinese tyre placards "INFLATE TYRES WITH NITROGEN ONLY" (CAAC regulation)
- Bilingual passenger placards and lighted signs
- Bilingual EEPMS exit identifier - English below (vertical) and second language (horiz.) - AIRSIGNA
- Bilingual cargo compartment placards and signs - English below and second language
- US and metric units for cargo compartment height placards
- Installation of electrical heaters on the foot air outlets in cockpit for Captain and F/O
- Installation of individual air outlet for C/A seats at forward & aft LH passenger/crew/service door
- Installation of ozone catalytic converters - ENGELHARDT CORPORATION, PN 20499006
- FM kits (Rel. 1A - FMGC S5I11) / MCDU altern. equip - THALES AVIONICS/SMITH assoc. with IAE engines
- Automatic programmable ELT (406AF) associated with remote control panel in cockpit - ELTA (BFE)
- Installation of dual HF system (data link capable) - ROCKWELL COLLINS 900 (SFE)
- Additional wiring for single HF DL function
- Activation of HF DL function for AOC
- Radio Management Panel (RMP) alternate equipment - MLS/GLS compatible and with turbo tuning
- Installation of third RMP MLS and GLS compatible and with turbo tuning - THALES AVIONICS

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- System provision for ROCKWELL COLLINS AERO H+ SRT 2100 SATCOM system
- Installation of ROCKWELL COLLINS AERO H+ SRT 2100 SATCOM system
- Installation of AERO H+ SRT 2100 SATCOM system - ROCKWELL COLLINS/CHELTON
- System provision for HSDU for ROCKWELL COLLINS AERO H+ SRT 2100 SATCOM system
- Installation and activation of Swift64 HSDU for ROCKWELL COLLINS AERO H+ SRT 2100 SATCOM system
- System provision for install. of one HSDU capable SwiftBroadband on SATCOM AERO H+ COLLINS SRT 2100
- System provision for install. of two HSDU capable SwiftBroadband on SATCOM AERO H+ COLLINS SRT 2100
- Installation of SATCOM system SBB
- Installation of ACP for fourth occupant - T.E.A.M.
- Cockpit hand microphone alternate equipment - HOLMBERG, PN 85- 16-12022-05
- Boomsets alternate equipment - SENNHEISER - HME46-C (SFE)
- Installation of 4th TRU for Corporate / VIP aircraft
- Galley power increase with additional 5 kVA for the forward galley (A318/A319/A320)
- CABIN EMERGENCY EQUIPMENT
- CARGO HOLD CONFIGURATION
- Installation of fourth occupant seat in cockpit - SOGERMA/SOCEA
- Installation of basic cabin - 50U
- Interior colour scheme definition
- Installation of 4-frame OHSC for GSM rack (A320 VIP)
- Installation of heated floor panels for fwd passenger/crew/service door area
- Installation of heated floor panel On/Off control function on FAP
- Complete provision without bin segmentation for a wet galley - H/S and F/S, 4 trolley, area 31.020
- Installation of toilet seat damper
- Installation of slide rafts at fwd and aft pax/crew/service doors (SFE) - AIR CRUISERS (A320)
- Non-installation of SFE life lines for de-activated FWD overwing emergency exits - AMSAFE

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- Installation of fourth occupant seat in cockpit - SOGERMA/SOCEA
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- Installation of toilet seat damper
- Installation of slide rafts at fwd and aft pax/crew/service doors (SFE) - AIR CRUISERS (A320)
- Non-installation of SFE life lines for de-activated FWD overwing emergency exits - AMSAFE
- Cargo holds fire extinguishers extended duration for ETOPS 120 min (A320)
- Cockpit portable fire extinguisher alternate equipment - TOTAL FEUERSCHUTZ, PN 74-20
- Full provision for installation of two/one ACTs in aft cargo hold (A320)
- Installation of two ACTs in aft cargo hold - with full bulk configuration (A320)
- Water/waste freezing protection for turnaround, prolonged parking and extended flight conditions
- Installation of dual advisory ice detection system
- Indication of metric altitude on PFD
- MLG tires selection - MICHELIN (46X17-R20 radial tires)
- NLG tires selection - MICHELIN (30X8.8-R15 radial tires)
- Installation of universal brake cooling fans on MESSIER wheels and brakes
- Installation of TPIS on MESSIER wheel (A318/A319/A320)
- Alternate runway turnoff light - ECE
- Alternate taxi and take-off lights - ECE
- Non-installation of basic seat mounted EEPMS
- ADIRS 4MCU - NORTHROP GRUMMAN, PN 465020-0303-0316
- Installation of aspirated TAT probes - BF GOODRICH AEROSPACE
- ISIS optional function - altitude in meter
- System provision for single HUD system installation

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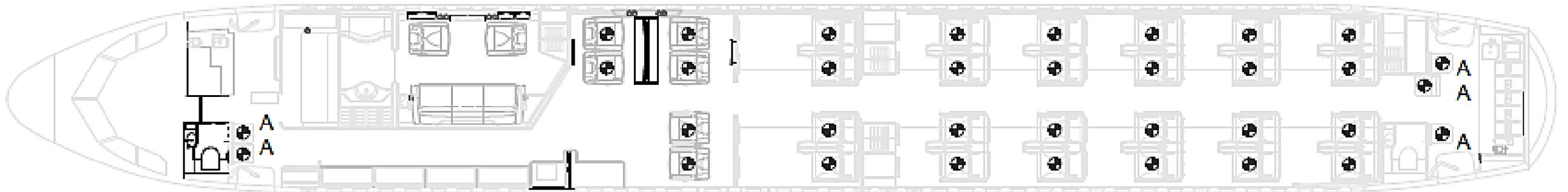
- Dual WXR system (ARINC 708A) with PWS activation and autotilt function - HONEYWELL
- Radio altitude automatic call-outs
- DDRMI VOR/ADF/DME - THALES AVIONICS
- Installation of dual ADF system - ROCKWELL COLLINS 900
- VOR Marker ROCKWELL COLLINS
- Installation of in-situ replenishment facility for cockpit oxygen cylinder
- Installation of auxiliary compressor in the potable water pressurization system
- System provision for on-board mobile telephony system - KID- SYSTEME
- Installation of On-Board Mobile Telephony system - KID SYSTEME
- Deactivate GSM On Board System
- System provision for cabin SwiftBroadband system
- Installation of a cabin SwiftBroadband system Class 7 with an intermediate gain antenna - THALES
- AIRBUS standard AOC software from ROCKWELL COLLINS with units in kg (by default)
- Cargo compartment - Heated drainage system
- Alternate paint systems (CF primer) on fuselage and vertical stabilizers - ANAC
- Alternate paint systems (CF primer) on nacelles - ANAC
- Forward overwing emergency exit deactivation on A320 A/C
- Installation of entrance stairs at forward LH passenger/crew/service door
- Installation of reinforced floor panels (A320)
- Installation of dummy windows according to referenced cabin layout
- Removal of scalloped floor tracks
- IAE engines - V2527-A5 at 26 500 lbf nominal thrust (A320-232)

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## INTERIOR

30 passenger VVIP layout. The A320 Series cabin has been fitted with several individual areas (front to back):

- FWD Galley (2 Attendant TTL Seats)
- Passageway (No TTL Seats)
- Crew Lounge (No TTL Seats)
- Master Bathroom (No TTL Seats)
- VIP Private Area (No TTL Seats)
- Conference Area (6 Passenger TTL Seats)
- VIP Passenger Area (4 Passenger TTL Seats)
- Passenger Area (20 Passenger TTL Seats)
- AFT Galley (3 Attendant TTL Seats)



## EXTERIOR

White upper, with blue lower

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