

2001 Boeing BBJ

Entry into Service 2001

Aircraft Specification

Boeing BBJ – Year 2001



CPDLC, FANS 1/A, ADS-B Out Version 2 compliant

KA Band Internet, Live TV, SATCOM,

8 Auxilliary Fuel Tanks

120 Minutes Extended Twin Engine Operations (ETOPS)

Heads Up Guidance System

Airstair for Forward Entry Door

Installation of Aviation Partners Boeing Winglets Providing Reduced Block Fuel Consumption by Four (4%) Percent

Auto Land and Auto Brake Function & Aerial View Cameras in Cockpit

2 Operators since new

Year of Manufacture: 1999

In Service Date: 2001

Total flight hours: 3936 hrs (as of Jan. 2024)

Total flight cycles: 1685 cycles

Engine Model: CFM56-7B27B3

APU: Honeywell 131-9(B)

APU Hours: 5450 hrs

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AVIONICS

The significant avionics components are actively covered under the Honeywell HAPP Plan and Rockwell Collins CASP Protection Plan

Single Cue Flight Director Display (dual cue available by Boeing Master Change SB)

Heads Up Display – Rockwell Collins HGS-2350 (single)

Dual Honeywell Air Data/IRU's – Mag Variation Tables Updated Feb 2016

Dual Smith's FMS (now GE) w/Alternate Navigation System for Standby Instrument – Large NDB Memory Capability

Triple VHF Coms – 8.33 KHz Spacing & VDL Mode 2 Compliant w/SELCAL

ACARS – CMU-900 – Data Link/CPDLC, FANS-1A (CVR is approved non-recording due to date of install)

Dual HF w/SELCAL

Dual VOR/Marker Beacon Receivers

Dual Multi-Mode Receivers with ILS/GPS

Global Landing System – GNSS/GBAS

Dual DME

Dual Radio Altimeters

Dual ADF

Multi-Scan Wx Radar System V2

TCAS 7.1

Dual Transponders – DO-260B & ADS-B Out 2020 Compliant

EGPWS w/Predictive Wind Shear – Honeywell MK V – SB 737A2292 Complied with

Honeywell Flight Control Computers & Mode Control Panel

Auto Throttle System

Auto Land (Fail Passive Yaw Damp Sys)

Auto Brakes w/RTO (Rejected Take Off) Function

Dual navAero Class II EFB Systems w/"Ownship" and XM Wx Display ("Provisional Carry On System")

eADL – Teledyne Enhanced Airborne Data Loader with USB Interface and Internal Mass SW Storage Capability

SATCOM – Iridium, Dual Channel – True North Simphone Chorus System – Provides Voice Only and Wi-Fi to both SATCOM Systems

Flight Data & Cockpit Voice Recorders are Original Equipment as Delivered From Boeing.

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INTERIOR

Features 14-Passengers Configuration with Aft Cabin Bedroom with Adjoining VIP Lavatory with Shower. 8 Single Chairs (New BE Aerospace) Manually Controlled with Leather Upholstery (05-2016) & 2 Divans. Divan and Carpet replaced in 2018.

- Forward Entryway:** Has Flight Attendant Seating, Crew Rest Seating Area, Crew Lavatory followed by Left-Side Galley and Right-Side Galley, followed by Guest Lavatory opposite Forward Wardrobe Storage Area.
- Main Cabin Compartment:** Dining Table with 4 Chairs and a 2-Place Divan, followed by a 4-Place Conference-Dining Group opposite a Credenza, followed by an Aft Facing 4-Place Divan with Coffee Table.
- Aft Cabin Compartment:** Master Suite with Aft Facing Bed with adjoining VIP lavatory with Shower (120 U.S. Gallons Potable Water Capacity with Built-in Fill System Filters).
- Cabin Features:** A & C Electric Window Shades in the Lounge & Bedroom providing Single Point Controls All Up or Down from Hot Battery Switch on Flight Attendant Panel. (Will Operate with the Aircraft Totally Powered Down)

ENTERTAINMENT

42" LCD HD Monitors in Lounge and Bedroom
Live TV – Tailwind 550 DIRECTV System w/Fuselage Mounted Antenna. USA Domestic and European Decoders
Airshow 4000 Cabin Information System w/V2 Software
Look Ahead Aerial View Camera Mounted in Cockpit and Vertical Stabilizer for Viewing on Cabin / Bedroom Monitors
Crew Rest Area Monitor with DVD & DIRECTV (slaved to Lounge TV selection)
Printer-FAX-Scanner with capability – Print from PED's or Laptop via Wi-Fi/Network Connection, Audio International In-Flight Entertainment System (IFE) & Cabin Management System (XCMS)
SATCOM – Inmarsat – Honeywell MCS 7147 W/Swift Broadband Internet, Capability, Voice and Data, Wi-Fi, Bluetooth XM WX & GPS Position For iPad/iPhone and Personal Electronic Devices (PED's)

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OPTIONS

Cascade #4 & 5 Cockpit Eyebrow Window Deletion STC Accomplished

Lower Cargo Compartment Upgraded to Dual Loop Fire Detection

Eligible For FAR 135 Certification – No Restriction On Completion STC

Long Range Passenger Oxygen System

Automatic APU Fire Extinguisher Discharge Master Change – On Ground Only

Vacuum Lavatory Waste System with Galley Drain Option to Prevent On-Ground Dumping of Food Debris on the Ramp,

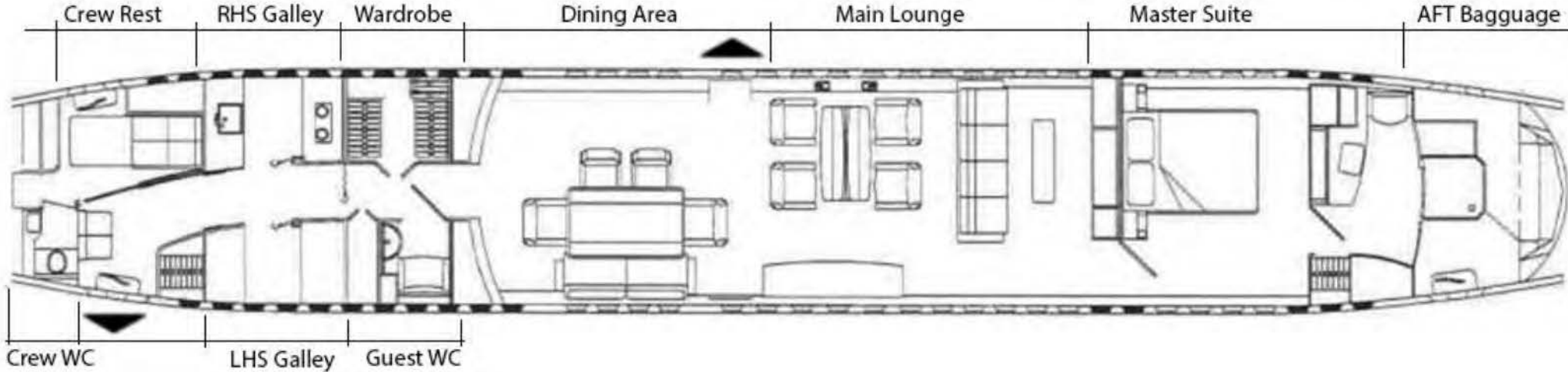
Raytheon Dual Zone Cabin Temperature System with Individual Full Range Temp Controls for Lounge and Bedroom 2nd

Observer Seat installed in Cockpit

WEIGHTS

| | | |
|-------------|---|----------------|
| 171,500 LBS | Gross Ramp Weight | 77,791 KGS |
| 171,000 LBS | Take Off Weight | 77,564 KGS |
| 134,000 LBS | Landing Weight | 60,781 KGS |
| 105,000 LBS | Zero Fuel Weight (Reduced for Part 91 Operations) | 57,152 KGS |
| 099,895 LBS | Aircraft Empty Weight | 45,312 KGS |
| 070,659 LBS | Total Fuel Capacity (with Aux Tanks= 0,468 USG) | 32,050 KGS |
| | Lower Hold Volume = | 208 Cubic Feet |

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