

CRJ900

GENERAL

| Flight Crew | Cabin Crew |
|------------------------------------|---------------------------------|
| 2 | 2 to 3 |
| Same type rating across CRJ family | |
| Passengers | |
| Dual Class | 81 Passengers (38/31 in. pitch) |
| Single Class | 88 Passengers (31 in. pitch) |
| Maximum Capacity | 90 Passengers (31 in. pitch) |

AVIONICS INFO*

- Rockwell Collins Pro Line 4 with six-screen EFIS/EICAS
- Traffic alert & collision avoidance system (TCAS) v7.1
- Capabilities: Coupled VNAV, SBAS/WAAS, LPV, RNP 0.3, Link 2000+, ADS-B Out

ENGINE

2 GE CF34-8C5 turbofans

Thrust

13,360 lbf. / 59.4 kN at takeoff
14,510 lbf. / 64.5 kN thrust APR

Flat Rating

ISA + 15.0°C

PERFORMANCE

Range (225 lb. / 102 kg per pax.)

1,550 NM 1,784 SM 2,871 km

Speed

Maximum Cruise Speed:

0.82 Mach 470 kts 541 mph 871 km/h

Normal Cruise Speed:

0.78 Mach 447 kts 515 mph 829 km/h

Takeoff Field Length (ISA, SL, MTOW)

5,820 ft. 1,770 m

Landing Field Length (ISA, SL, MTOW)

5,360 ft. 1,630 m

CEILING

Maximum Operating Altitude

41,000 ft. / 12,497 m

NOISE LEVEL

| Flyover | Lateral |
|------------|-------------------|
| 82.2 EPNdB | 89.2 EPNdB |
| Approach | Margin to Stage 4 |
| 92.4 EPNdB | 7.5 EPNdB |

EMISSIONS (MARGINS TO CAEP6)

| NOx | Smoke |
|-----------------------------|-------|
| 26.6% | 60.8% |
| UHC (Unburned Hydrocarbons) | CO |
| 97.6% | 63.7% |

EXTERNAL DIMENSIONS

| Length | Wingspan |
|--------------------------------------------|-----------------------|
| 118 ft. 11 in. / 36.2 m | 81 ft. 7 in. / 24.9 m |
| Wing Area (net) | Height |
| 765 ft. ² / 71.1 m ² | 24 ft. 7 in. / 7.5 m |
| Fuselage Max Diameter | |
| 8 ft. 10 in. / 2.7 m | |

INTERNAL DIMENSIONS

| Cabin Length | Cabin Max Width (Centreline) |
|-----------------------------------------------|--------------------------------------------|
| 69 ft. 4 in. / 21.13 m | 8 ft. 4 in. / 2.55 m |
| Cabin Width (Floor Level) | Cabin Aisle Height |
| 7 ft. 1 in. / 2.16 m | 6 ft. 2 in. / 1.89 m |
| Cabin Volume | Overhead Bin Volume per Pax |
| 2,974 ft. ³ / 84.21 m ³ | 1.9 ft. ³ / 0.05 m ³ |
| Cargo Volume | Floor Area |
| 594 ft. ³ / 16.8 m ³ | 486 ft. ² / 45.1 m ² |

DOORS & EXITS

| Passenger Door | LH FWD |
|----------------|----------------------------------------------|
| Height | 5 ft. 10 in. / 1.78 m |
| Width | 3 ft. / 0.91 m |
| Height to Sill | 5 ft. 8 in. / 1.73 m |
| Cargo Door | LH AFT LH FWD (2 Doors) |
| Height | 2 ft. 9 in. / 0.84 m 1 ft. 8 in. / 0.51 m |
| Width | 3 ft. 7 in. / 1.09 m 3 ft. 6 in. / 1.07 m |
| Height to Sill | 7 ft. 7 in. / 2.31 m 4 ft. 3 in. / 1.28 m |
| Service Door | RH FWD |
| Height | 4 ft. / 1.22 m |
| Width | 2 ft. / 0.61 m |
| Height to Sill | 5 ft. 8 in. / 1.73 m |
| Overwing Exits | LH / RH |
| Height | 3 ft. 7 in. / 1.09 m |
| Width | 1 ft. 8 in. / 0.51 m |

WEIGHT

Maximum Ramp Weight

Base 80,750 lb. / 36,628 kg
Max 85,000 lb. / 38,555 kg

Maximum Takeoff Weight

Base 80,500 lb. / 36,514 kg
Max 84,500 lb. / 38,330 kg

Maximum Landing Weight

Base 73,500 lb. / 33,340 kg
Max 75,100 lb. / 34,065 kg

Maximum Zero Fuel Weight

Base 70,000 lb. / 31,751 kg
Max 70,750 lb. / 32,092 kg

Maximum Payload

Base 21,840 lb. / 9,907 kg
Max 22,590 lb. / 10,247 kg

Cargo Weight

6,075 lb. / 2,756 kg



Scan to be taken to the CRJ Series section on the new BCA website



* Some features optional

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