



CRJ Series



BOMBARDIER

CRJ Series

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THE CRJ SERIES

The most successful family
of regional jets

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THE BOMBARDIER FLIGHTADVANTAGE

Ensuring the readiness and
reliability of your aircraft

THE CRJ SERIES

A true family affair, the CRJ Series has revolutionized the regional market. The three models, which offer exceptional efficiency, performance and economics, share everything, including engines.

CRJ SERIES
INTRODUCTION

Every five seconds a CRJ Series regional jet takes off or lands somewhere in the world. The family, which this year celebrates its 25th anniversary, has transported over 1.6 billion passengers to become the world's most successful regional jet program. Linking people and communities like no other, the CRJ Series has revolutionized aviation with its proven efficiency, reliability and profitability.

The CRJ Series shares commonality benefits from being an integrated family, providing flexibility to operators and allowing them to optimize their fleet to specific market demands. No other regional aircraft delivers this capability. Optimized for medium-haul regional routes, these aircraft provide up to a 10% cash operating cost advantage over competing jets.

There are three models in the CRJ Series, each with its own distinct advantages. The CRJ700 is the lightest aircraft in its category, delivering impressive efficiency, performance and fuel burn savings. The CRJ900 offers tremendous flexibility and is ideally suited for growing markets. And the CRJ1000, with the highest capacity in the family, delivers the lowest seat-mile cost in the regional jet market, burning up to 13% less fuel than its competitors.

Since its launch 25 years ago, the CRJ Series has stimulated the regional jet market. In North America alone, it accounts for over 20% of all jet departures. Globally, the family operates more than 200,000 flights per month. Simply put: the CRJ Series is efficiency, reliability and performance in numbers.





REAL FAMILY

With three models, the CRJ Series offers an aircraft or combination of aircraft to suit operators' individual needs, from hub expansion to point-to-point services, today and tomorrow.

CRJ700

The CRJ700, which seats up to 78 passengers, has the lowest trip cost of any in-production regional jet. It delivers outstanding performance and is the ideal platform for opening up new routes.

CRJ900

The CRJ900, when configured in a 76-seat dual- or triple-class configuration, offers extra legroom and superior comfort, making it the ideal regional jet seating layout in North America today. In a single-class configuration, the CRJ900 has the flexibility to easily seat up to 90 passengers. This capacity, combined with enhancements that result in 5.5% lower fuel burn, means the CRJ900 delivers the best economics in its class.

CRJ1000

The CRJ1000 is the largest member of the CRJ series, seating up to 104 passengers. Leveraging commonality, it has been refined and optimized to deliver the lowest seat-mile cost of any regional jet.

SHARED POWER

All three models share a common engine, the proven General Electric CF34-8C, helping to reduce ownership and operating costs.



THE COST LEADER

The CRJ Series delivers the best economics of any aircraft in its class, offering up to a 10% cash operating cost advantage over competing jets.

SIGNIFICANT SAVINGS

Bombardier engineers looked at every element of the CRJ Series to provide the aircraft with its operating cost advantage. The aircraft's lightweight design and optimized aerodynamics deliver the lowest block fuel per seat. The CRJ Series aircraft's optimized maintenance plan and simplified tasks, along with the latest escalation of its maintenance intervals to 800 hours for "A" checks and 8,000 hours for "C" checks, create significant savings in direct maintenance costs.

SHARED OPERATIONS

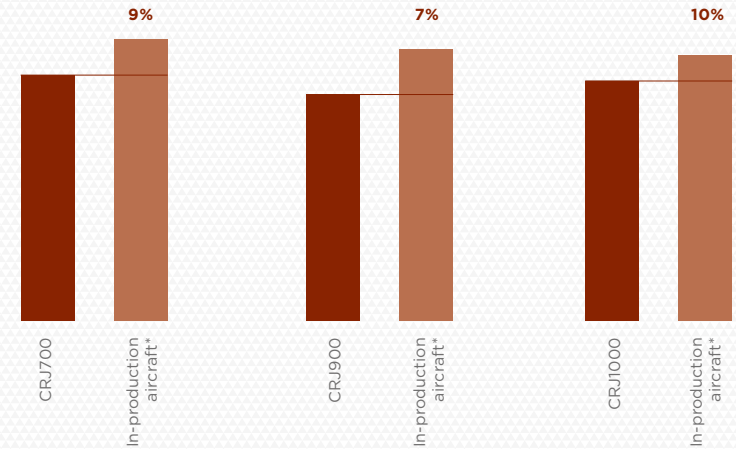
The CRJ Series benefits from up to 97% parts commonality as well as a common type rating. The flexibility of having a mixed aircraft fleet with the same pool of pilots translates into substantial savings for airlines, in terms of both operations and infrastructure.

FRIENDLY FLYING

The CRJ Series boasts a lower overall environmental footprint than competitors in its category. Its lightweight and efficient aerodynamics provide the best fuel burn and lowest greenhouse gas emissions in its class. The aircraft are also efficient when it comes to noise, producing less than their in-production counterparts.

ECONOMICS

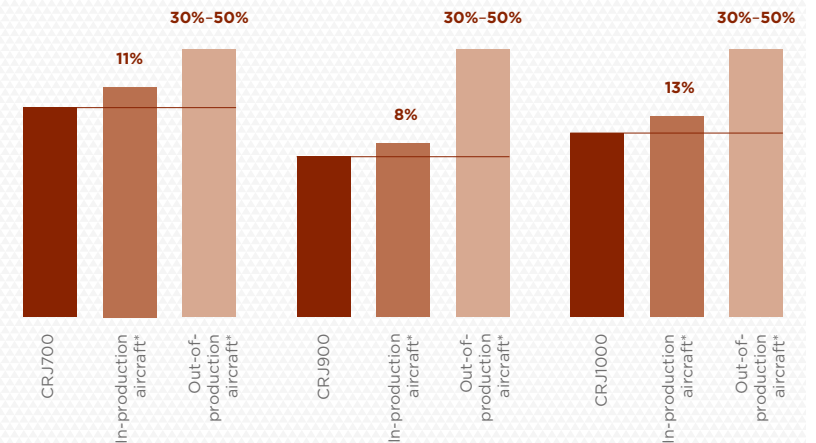
CASH OPERATING COSTS
COMPARISON PER SEAT



*Compared to competitors in the same category

GREENHOUSE GAS EMISSIONS

FUEL AND CO₂ EMISSIONS PER SEAT



*Compared to competitors in the same category

A PROVEN PLATFORM

The CRJ Series introduced new technologies, new thinking and new performance standards to regional aviation, and is the world's most successful family of regional jets.

GLOBAL SERVICE

With over 1,900 orders to date, the CRJ Series is in service with over 60 airlines and 60 corporate customers around the world. Throughout its history the family has transported over 1.6 billion passengers, and logged more than 47 million flight hours.

REMARKABLE RELIABILITY

The CRJ Series performance on reliability is over 99.5% thanks to its mature systems and robust technology. Proven by millions of hours of operations across all corners of the globe, the CRJ Series provides a solid platform that airlines can grow with.

FUTURE INVESTMENT

The success and longevity of the CRJ program can be attributed to constant improvement and cost leadership. By finding creative ways to optimize performance, reduce fuel burn and shrink maintenance costs, the CRJ Series will continue to lead the regional jet market in the coming decades and will ensure a bright future for operators in a dynamic marketplace.



COMFORT REDEFINED

Every inch of the CRJ Series interior has been carefully considered to maximize efficiency. It's an enhanced travel experience, creating high satisfaction rates among passengers.

ENHANCED PASSENGER EXPERIENCE

Designed with a more open entrance area, passengers instantly sense the spaciousness of the new cabin. The contemporary styling of the passenger living space features improved sightlines and a wider aisle for easy mobility.



Above
The CRJ Series offers dual-class configuration, including spacious seats in both business and economy.



LARGER OVERHEAD BINS

The spacious overhead bins on the CRJ Series accommodate the largest number of standard roller bags of any aircraft in their category. Newly introduced 'wheels-first' business class bins provide 50% more capacity than before.



BRIGHT CABIN WITH MOOD LIGHTING

The CRJ cabin features the largest windows in class for lots of natural light. Full LED lighting, with standard mood lighting effects, create airline-specific environments and a pleasing, passenger-friendly experience.



PRM LAVATORY

The CRJ Series is the first and only regional aircraft to offer a PRM (Passenger with Reduced Mobility) lavatory. It provides more headroom, more floor space and easy-to-clean, germ-resistant surfaces for all passengers.



The CRJ Series New Cabin sets the standard in the regional aircraft market, delivering an enhanced passenger experience and more value to airlines.

CRJ700

GENERAL

Passengers	Cargo
Capacity Up to 78	Volume 547 ft. ³ / 15.5 m ³
	Weight 5,375 lb. / 2,438 kg

WEIGHT

BASE

MAX

Maximum Takeoff Weight 72,750 lb. / 32,999 kg	Maximum Takeoff Weight 75,000 lb. / 34,019 kg
Maximum Landing Weight 67,000 lb. / 30,391 kg	Maximum Landing Weight 67,000 lb. / 30,391 kg
Maximum Zero Fuel Weight 62,300 lb. / 28,259 kg	Maximum Zero Fuel Weight 62,300 lb. / 28,259 kg
Maximum Payload 18,055 lb. / 8,190 kg	Maximum Payload 18,055 lb. / 8,190 kg

PERFORMANCE

BASE

MAX

Takeoff Field Length (ISA, SL, MTOW) 4,975 ft. / 1,516 m	Takeoff Field Length (ISA, SL, MTOW) 5,265 ft. / 1,605 m
Landing Field Length (ISA, SL, MLW) 5,040 ft. / 1,536 m	Landing Field Length (ISA, SL, MLW) 5,040 ft. / 1,536 m
	Range (225 lb. / 102 kg per pax.) 1,400 NM 1,611 SM 2,593 km

ENGINE

Type	APR Thrust
2 GECF34-8C5B1 turbofans	13,790 lbf. / 61.3 kN

Flat Rating
ISA + 15.0°C

SPEED

Maximum Cruise Speed	Normal Cruise Speed
0.825 Mach	0.78 Mach
473 kts	447 kts
544 mph	515 mph
876 km/h	829 km/h

ADVANCED COCKPIT FEATURES

- CAT IIIa with Head-up Guidance System (HGS)
- Space-Based Augmentation System with Wide Area Augmentation System / Localizer Performance with Vertical guidance (SBAS (WAAS) / LPV)
- Coupled Vertical Navigation (CVNAV)
- Required Navigation Performance Approach 0.3 (RNP APCH 0.3)
- Dual Electronic Flight Bags (EFB)
- Automatic Dependent Surveillance-Broadcast out (ADS-B out)
- Link 2000+ Controller - Pilot Datalink Communication (CPDLC)

Some features are optional

CRJ700 RANGE MAPS

Up to 1,400 NM



Americas | Minneapolis | MSP



Europe | Paris | CDG



Asia Pacific | Hong Kong | HKG



Middle East | Dubai | DXB

CRJ700 DIMENSIONS

Length



Length 106 ft. 1 in. / 32.3 m

Wing Area 760 ft.² / 70.6 m²

Height 24 ft. 10 in. / 7.6 m

Wingspan 76 ft. 3 in. / 23.2 m

Fuselage Maximum Diameter 8 ft. 10 in. / 2.7 m

Height



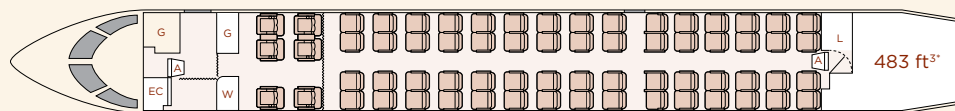
Wingspan



Fuselage Maximum Diameter

CRJ700 CONFIGURATIONS

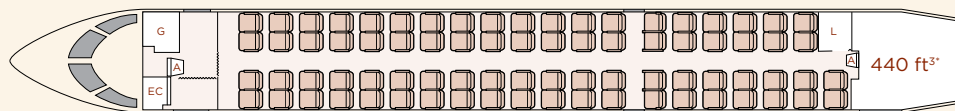
Dual Class **Seats 66** **Seat pitch 39 in. | 31 in.**



Standard Single Class **Seats 74** **Seat pitch 31 in.**



Maximum Capacity **Seats 78** **Seat pitch 31 in. | 30 in.**

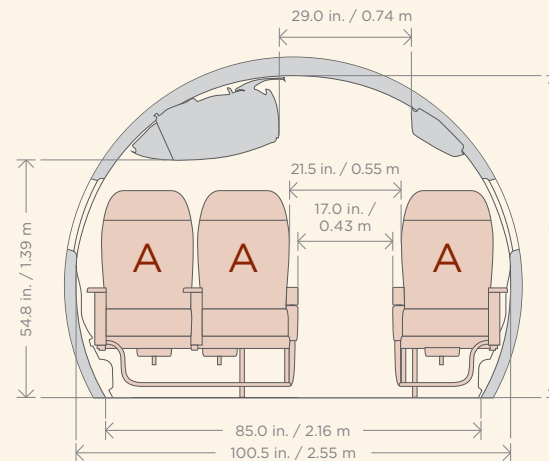


- A** Flight Attendant
- B** Baggage/ Cargo Area
- G** Galley
- L** Lavatory
- W** Wardrobe
- EC** Entrance Compartment

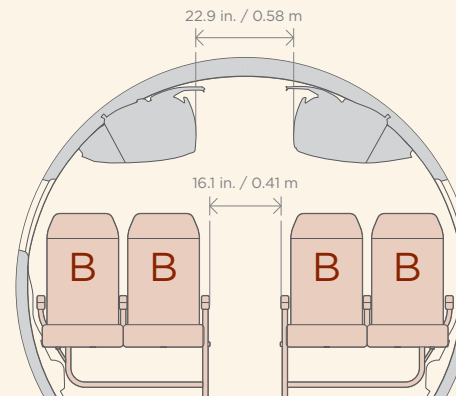
* Combined forward and aft baggage compartment volume

CRJ700 CROSS-SECTIONS

Business Class



Economy Class



- A** Width 20.0 in. / 0.51 m
- B** Width 17.3 in. / 0.44 m

CRJ900

GENERAL

Passengers		Cargo	
Capacity	Up to 90	Volume	594 ft. ³ / 16.8 m ³
		Weight	6,075 lb. / 2,756 kg

WEIGHT

BASE

MAX

Maximum Takeoff Weight
80,500 lb. / 36,514 kg

Maximum Takeoff Weight
84,500 lb. / 38,330 kg

Maximum Landing Weight
73,500 lb. / 33,340 kg

Maximum Landing Weight
75,100 lb. / 34,065 kg

Maximum Zero Fuel Weight
70,000 lb. / 31,751 kg

Maximum Zero Fuel Weight
70,750 lb. / 32,092 kg

Maximum Payload
21,840 lb. / 9,907 kg

Maximum Payload
22,590 lb. / 10,247 kg

PERFORMANCE

BASE

MAX

Takeoff Field Length
(ISA, SL, MTOW)[†]
5,775 ft. / 1,760 m

Takeoff Field Length
(ISA, SL, MTOW)[†]
6,360 ft. / 1,939 m

Landing Field Length
(ISA, SL, MLW)^{††}
5,260 ft. / 1,603 m

Landing Field Length
(ISA, SL, MLW)^{††}
5,355 ft. / 1,632 m

Range
(225 lb. / 102 kg per pax.)
1,550 NM
1,784 SM
2,871 km

[†] Normal Takeoff Thrust (NTO) + 2%
^{††} With reduced Vref

ENGINE

Type	APR Thrust
2 GE CF34-8C5 turbofans	14,510 lbf. / 64.5 kN

Flat Rating
ISA + 15.0°C

SPEED

Maximum Cruise Speed	Normal Cruise Speed
0.82 Mach	0.78 Mach
470 kts	447 kts
541 mph	515 mph
871 km/h	829 km/h

ADVANCED COCKPIT FEATURES

CAT IIIa with Head-up Guidance System (HGS)

Space-Based Augmentation System with
Wide Area Augmentation System / Localizer
Performance with Vertical guidance (SBAS
(WAAS) / LPV)

Coupled Vertical Navigation (CVNAV)

Required Navigation Performance
Approach 0.3 (RNP APCH 0.3)

Dual Electronic Flight Bags (EFB)

Automatic Dependent Surveillance-
Broadcast out (ADS-B out)

Link 2000+ Controller - Pilot Datalink
Communication (CPDLC)

Some features are optional

CRJ900 RANGE MAPS

Up to 1,500 NM



Americas | Minneapolis | MSP



Europe | Paris | CDG



Asia Pacific | Hong Kong | HKG



Middle East | Dubai | DXB

CRJ900 DIMENSIONS

Length



Length 118 ft. 11 in. / 36.2 m

Wing Area 765 ft.² / 71.1 m²

Height 24 ft. 7 in. / 7.5 m

Wingspan 81 ft. 7 in. / 24.9 m

Fuselage Maximum Diameter 8 ft. 10 in. / 2.7 m

Height



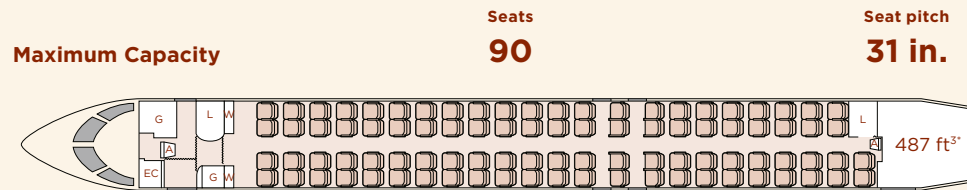
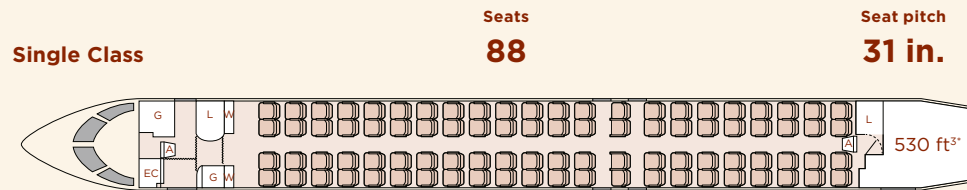
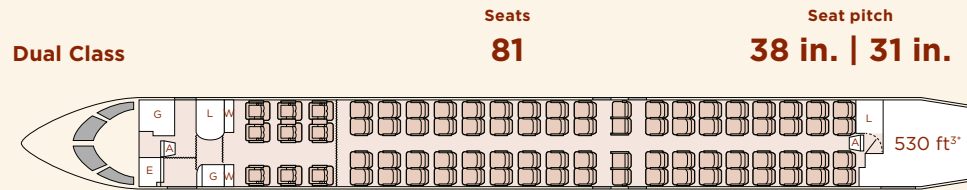
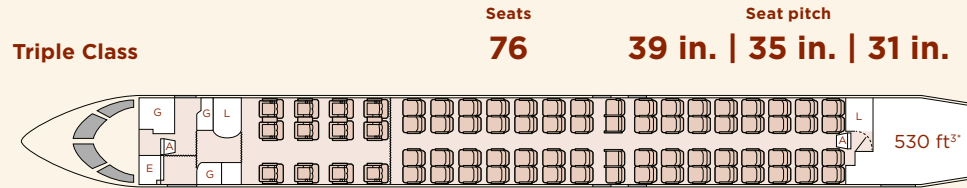
Wingspan



Fuselage Maximum Diameter

CRJ900 CONFIGURATIONS

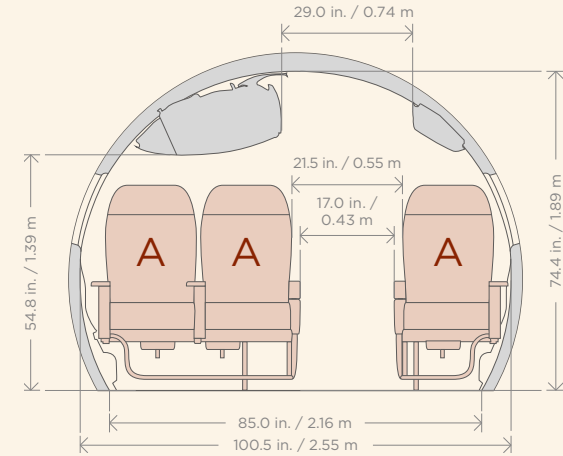
CRJ900 CROSS-SECTIONS



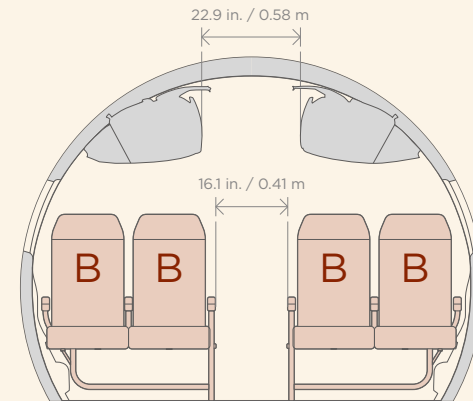
- A** Flight Attendant
- B** Baggage/ Cargo Area
- G** Galley
- L** Lavatory
- W** Wardrobe
- EC** Entrance Compartment

* Combined forward and aft baggage compartment volume

Business Class



Economy Class



- A** Width 20.0 in. / 0.51 m
- B** Width 17.3 in. / 0.44 m

CRJ1000

GENERAL

Passengers		Cargo	
Capacity	Up to 104	Volume	683 ft. ³ / 19.4 m ³
		Weight	7,180 lb. / 3,257 kg

WEIGHT

BASE

MAX

Maximum Takeoff Weight	Maximum Takeoff Weight
85,968 lb. / 38,995 kg	91,800 lb. / 41,640 kg
Maximum Landing Weight	Maximum Landing Weight
81,500 lb. / 36,968 kg	81,500 lb. / 36,968 kg
Maximum Zero Fuel Weight	Maximum Zero Fuel Weight
77,500 lb. / 35,154 kg	77,500 lb. / 35,154 kg
Maximum Payload	Maximum Payload
26,380 lb. / 11,966 kg	26,380 lb. / 11,966 kg

PERFORMANCE

BASE

MAX

Takeoff Field Length (ISA, SL, MTOW) [†]	Takeoff Field Length (ISA, SL, MTOW) [†]
6,155 ft. / 1,876 m	6,955 ft. / 2,120 m
Landing Field Length (ISA, SL, MLW)	Landing Field Length (ISA, SL, MLW)
5,740 ft. / 1,750 m	5,740 ft. / 1,750 m
	Range (225 lb. / 102 kg per pax.)
	1,650 NM
	1,900 SM
	3,056 km

[†] Normal Takeoff Thrust (NTO) + 5%

ENGINE

Type	APR Thrust
2 GE CF34-8C5A1 turbofans	14,510 lbf. / 64.5 kN

Flat Rating
ISA + 15.0°C

SPEED

Maximum Cruise Speed	Normal Cruise Speed
0.82 Mach	0.78 Mach
470 kts	447 kts
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ADVANCED COCKPIT FEATURES

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Space-Based Augmentation System with Wide Area Augmentation System / Localizer Performance with Vertical guidance (SBAS (WAAS) / LPV)

Coupled Vertical Navigation (CVNAV)

Required Navigation Performance Approach 0.3 (RNP APCH 0.3)

Dual Electronic Flight Bags (EFB)

Automatic Dependent Surveillance-Broadcast out (ADS-B out)

Link 2000+ Controller - Pilot Datalink Communication (CPDLC)

Some features are optional

CRJ1000 RANGE MAPS

Up to 1,650 NM



Americas | Minneapolis | MSP



Europe | Paris | CDG



Asia Pacific | Hong Kong | HKG



Middle East | Dubai | DXB

CRJ1000 DIMENSIONS

Length



Length 128 ft. 5 in. / 39.1 m

Wing Area 833 ft.² / 77.4 m²

Height 24 ft. 6 in. / 7.5 m

Wingspan 85 ft. 11 in. / 26.2 m

Fuselage Maximum Diameter 8 ft. 10 in. / 2.7 m

Height

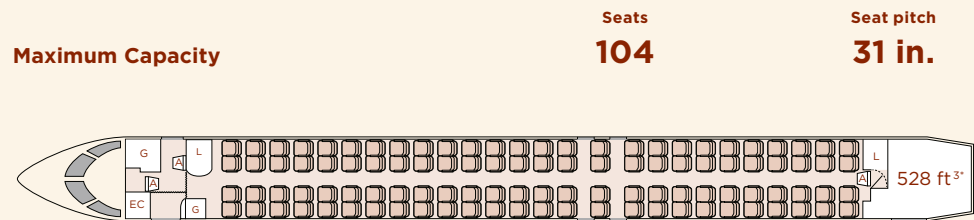
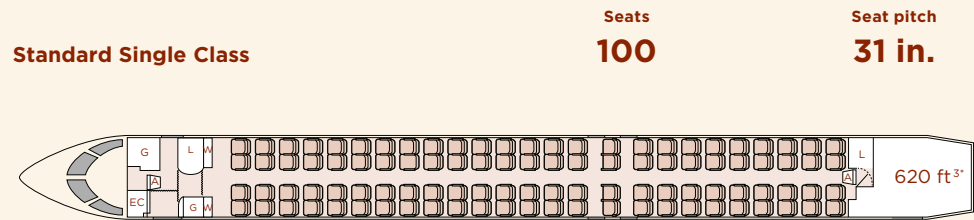
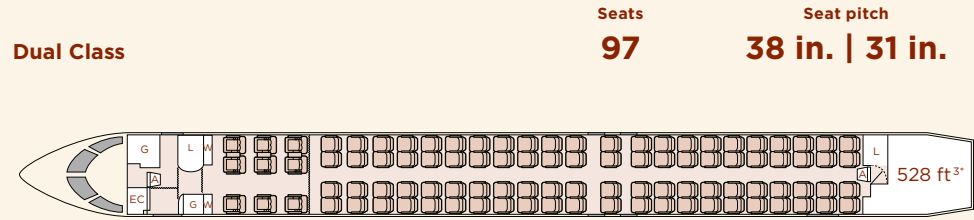


Wingspan



Fuselage Maximum Diameter

CRJ1000 CONFIGURATIONS

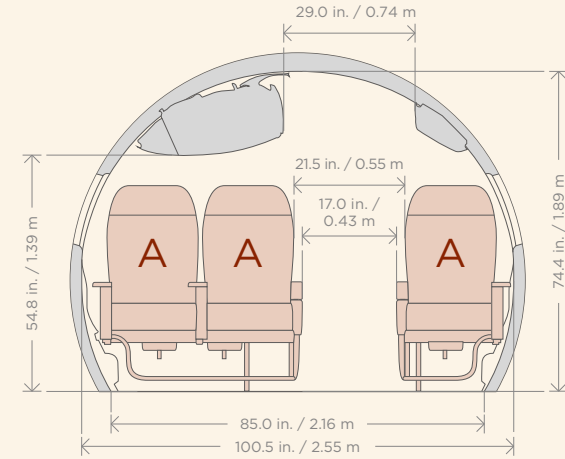


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- EC** Entrance Compartment

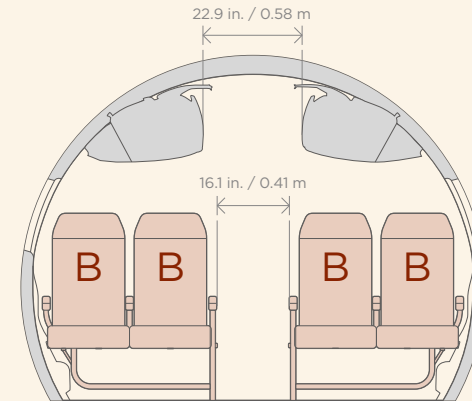
* Combined forward and aft baggage compartment volume

CRJ1000 CROSS-SECTIONS

Business Class



Economy Class



- A** Width 20.0 in. / 0.51 m
- B** Width 17.3 in. / 0.44 m



BOMBARDIER

CRJ SERIES

CRJ1000



THE BOMBARDIER FLIGHTADVANTAGE

Our goal is to give you the advantage over your competition. With The Bombardier FlightAdvantage, you'll work alongside the team that knows your aircraft best. You'll benefit from our expertise, experience and passion. It's world-class support, worldwide.

THE BOMBARDIER FLIGHTADVANTAGE

Supporting more than 2,700 aircraft that carry more than 200 million passengers annually is not a responsibility we take lightly.

That's why our Customer Services team has been assembled from the outside in, built with a customer-first mentality that is focused on providing you with an advantage over your competitors.

Our purpose is to demonstrate the unparalleled value of our offerings and the advantages of trusting in us to get the job done. Our promise is to utilize our world-class experience, skills and support to provide a customer-first experience every day. Our aim is to offer services so trustworthy, professional and familiar that we become your #1 choice, every time.

Our comprehensive service offerings include:

- 24/7 worldwide support
- Dedicated online customer service portals
- Customer Response Centres
- 10 regional offices for localized support
- 11 parts locations
- 3 Bombardier Service Centres and 8 Authorized Service Facilities (ASF)
- 16 training locations and 28 flight simulators
- Optimized aircraft performance programs
- Rigorous maintenance operations programs
- Cost-per-flight-hour protection

OUR BUSINESS STREAMS



SUPPORT

Our support extends across borders and time zones, giving you 24/7 access to specialists based at our Customer Response Centres in Toronto and Mirabel. Our Regional Support and Technical Services teams provide complimentary care with options built around your needs. Our specialized services also ensure the efficient introduction of new aircraft to your fleet.



MATERIAL

We know it's vital to get the parts you need when you need them. Our support means fast, reliable, cost-effective delivery of essential aircraft parts. Our global network is made up of 12 parts facilities with a strategically placed inventory that allows us to ship parts 24/7. Our Component Programs offer cost-effective parts, solutions and cost-per-flight-hour protection tailored to meet the demands of your operations.



MAINTENANCE

Wherever your aircraft fly, our global maintenance network delivers quality non-stop care, both at our wholly owned Service Centres and dedicated Authorized Service Facilities around the world. At these strategically located sites, our experts provide you with maintenance repair and overhaul services that are geared towards getting your aircraft back in the air.



TRAINING

Our team is committed to providing you with world-class training to support our global fleet of commercial aircraft. Through our Bombardier Aircraft Training (BAT) centre and numerous Authorized Training Providers (ATPs), we offer global, specialized and tailored training. We deliver an incomparable Entry-Into-Service (EIS) experience, while also providing long-term, life-cycle training for the life of your aircraft.

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Ingenuity in Flight.

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