

We've spent over 50 years re-imagining private flight

A History of Ingenuity.

Forever Visionary.

Our 50 years of innovation have led us to see opportunities where others see limits. A rich history of ingenuity inspires us to relentlessly reinvent and refine every detail of our private aircraft. It's just who we are.





Challenger 650

Best-selling is a sure bet

Our best-selling large aircraft platform combines world-class interior design with the ultimate value proposition.

Widest-in-class cabin, worldwide reach, and the lowest direct operating costs make the Challenger 650 aircraft the winning choice.



Smooth ride The Challenger 650 aircraft's wing was designed to provide you with a smooth ride from takeoff to touchdown.



#1 in deliveries The best-selling large business jet platform of all time with over 1,000 deliveries and counting.



Widest-in-class cabin Larger seats, the highest sleeping capacity in its class and the space to move around freely. Others simply don't measure up.



Fastest connectivity Available Ka-band high-speed internet connectivity will keep you connected at all times.



Lowest direct operating costs Low parts costs, long maintenance intervals and superior fuel efficiency make the Challenger 650 the aircraft of choice among corporate flight departments and charter operators.



Highest reliability With an industry-leading dispatch reliability of over 99.9 percent, the Challenger 650 platform was designed to deliver on safety and peace of mind.



Unrivalled reputation

An industry icon

The Challenger 650 aircraft has captured the hearts and minds of the business aviation industry, making it the best-selling large business jet platform of all time. Its widest in-class cabin has been carefully curated to deliver the best of business and pleasure, while stylish furnishings and modern accents create an ambiance of timeless elegance perfectly suited to journeys near or far.





It's all in the details

Aesthetics meet ergonomics with large windows, angled touch screens and meticulously selected finishes.



Room for all

The Challenger 650 is the only aircraft in its class with available seating for up to 12 passengers. With all seats filled, a wider cabin means that there's still plenty of room for comfort.



Unlimited baggage access

Safely access what you require, as required. With access to the baggage compartment at all times, your personal items are always within reach.



Technology works best when it goes unnoticed

Designed to be effortless

The cabin of the Challenger 650 aircraft seamlessly integrates advanced technology with intuitive functionality.

The result is an intuitive cabin experience for business or pleasure.











Always connected

Experience the fastest in-flight internet connectivity worldwide* with available Ka-band on the Challenger 650 aircraft. From video conferencing and live streaming to online gaming, whether for work or play - you're always connected.

Pause work; hit play

Our intuitive cabin entertainment system allows you to stream videos and movies from your personal devices to the largest high definition monitors in the segment.

Immersive sound

Enjoy an unparalleled audio experience with crystal-clear audio through high-fidelity integrated sidewall speakers - exclusive in its class.



A consumate performer

Business within reach

Fly 4,000 nm, fully-equipped. The Challenger 650 aircraft links the world's financial capitals such as New York and London or Dubai and Singapore.

Land in London City

Steep approach certified, the Challenger 650 aircraft can access London City Airport as well as operate in and out of challenging airports, such as Aspen and Lugano, so you can always get closer to your destination.



The ultimate value proposition

Cutting costs without cutting corners

The Challenger 650 aircraft has the lowest direct operating cost in its class through affordable maintenance programs and longer maintenance intervals than the competition.

The luxury of having it all

Premium features come standard on the Challenger 650 aircraft with more baseline equipment than the competition.



A smooth operator for today and tomorrow

Smooth ride

The Challenger 650 aircraft's wing design integrates Bombardier's signature smooth ride technology, helping you arrive at your destination refreshed and well-rested.

Best equipped cockpit in its class

The Bombardier Vision flight deck on the Challenger 650 aircraft is equipped to meet current and upcoming navigational requirements and offers the industry's most extensive baseline feature set including synthetic vision and MultiScan weather radar systems.

Proven reliability

With over 5 million flight hours, the Challenger 650 aircraft delivers class-leading reliability with more system redundancies than any of its competitors.

Challenger 650

Smooth ride

The Challenger 650 aircraft's wing was designed to provide you with a smooth ride from takeoff to touchdown.

#1 in deliveries

The best-selling large business jet platform of all time with over 1,000 deliveries and counting.

Lowest direct operating costs

Low parts costs, long maintenance intervals and superior fuel efficiency make the Challenger 650 the aircraft of choice among corporate flight departments and charter operators.

Widest-in-class cabin

Larger seats, the highest sleeping capacity in its class and the space to move around freely.

Others simply don't measure up.

Fastest connectivity

Available Ka-band high-speed internet connectivity will keep you connected at all times.

Highest reliability

With an industry-leading dispatch reliability of over 99.9 percent, the Challenger 650 platform was designed to deliver on safety and peace of mind.



Technical specifications

CAPACITY

Passengers: Up to 12

ENGINES

GE CF34-3B MTO

Thrust: 9,220 lbf (41kN) Flat rated to ISA + 15°C

CABIN TECHNOLOGY

- Ka-band internet available
- Blu-ray, HDMI and Wi-Fi

AVIONICS

- Collins Aerospace Advanced avionics suite with four large displays
- Dual Flight Management System with LPV and RNP approach capabilities
- Synthetic Vision System (SVS)
- MultiScan weather radar
- Dual Inertial Reference System (IRS)
- Dual SBAS/WAAS GPS



New York



London





Singapore

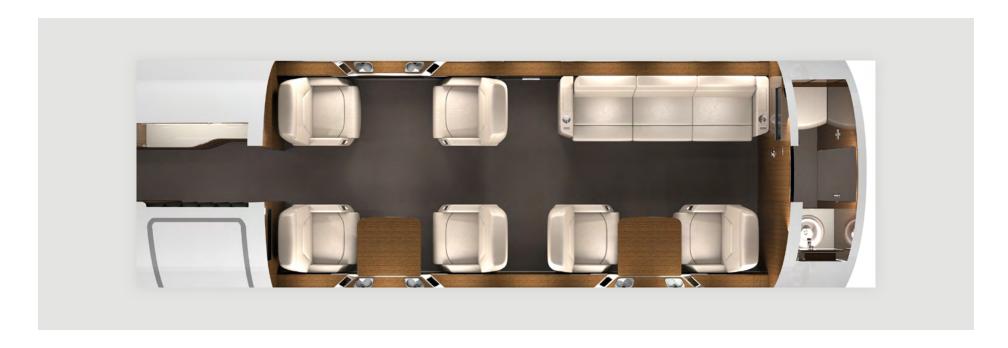
| RANGE | | | AIRFIELD PERFORMANCE | | |
|------------------------------|----------|----------|-------------------------------------|-----------|----------|
| Maximum range ⁽¹⁾ | 4,000 nm | 7,408 km | Takeoff distance (SL, ISA, MTOW) | 5,640 ft | 1,720 m |
| SPEED | | MACH | Landing distance (SL, ISA, typical) | 2,402 ft | 732 m |
| Top speed | | 0.85 | OPERATING ALTITUDE | | |
| High speed cruise | | 0.82 | Maximum operating altitude | 41,000 ft | 12,497 m |
| Typical cruise speed | | 0.80 | Initial cruise altitude (MTOW) | 37,000 ft | 11,278 m |

| INTERIOR | | | EXTERIOR | | |
|-----------------------------|------------|--------|----------|------------|--------|
| Cabin height | 6 ft 0 in | 1.83 m | Length | 68 ft 5 in | 20.9 m |
| Cabin width | 7 ft 11 in | 2.41 m | Wingspan | 64 ft 4 in | 19.6 m |
| Cabin length ⁽²⁾ | 25 ft 7 in | 7.80 m | Height | 20 ft 8 in | 6.3 m |

⁽¹⁾ Theoretical range with NBAA IFR Reserves, ISA, LRC, 6 pax /2 crew. Actual range will be affected by speed, weather, selected options and other factors.

⁽²⁾ From cockpit divider to aft most cabin without baggage compartment.

Standard interior configuration



ENTRANCE

- Sound-insulating entry door and cockpit closeout curtains
- Spacious galley with generous work surface, oven, microwave, sink and faucet, coffee/espresso machine, drainable ice drawer and available chilled storage
- Wardrobe for passengers' and crew members' personal items
- Wood and stone flooring available
- Sound-insulating sliding door separating entrance from main cabin

FURNISHINGS

- Flexible seating arrangements for up to 12 passengers
- Executive seating in club configuration
- 4-place divan with berthing capability
- Seats feature 180°-swivel, tracking, recline and berthing capability
- Quick-access seat storage compartments
- Concealed tables at each executive seating arrangement
- 4-place conference grouping including a height-adjustable single pedestal conference table available

CONNECTIVITY AND ENTERTAINMENT

- Industry-leading Ka-band high-speed internet connectivity available
- 24 in (61 cm) high definition forward and aft bulkhead monitors
- Wireless music streaming capability throughout the cabin
- Audio/Video on Demand available
- Plug-and-play entertainment experience with universal HDMI and USB ports
- Wireless control of cabin environment and entertainment via personal electronic devices

LAVATORY AND STORAGE

- Lavatory featuring large backlit mirror and vanity, sink and faucet
- Unrestricted and safe access to a 115 ft³
 (3.2 m³) baggage compartment
- Wood and stone flooring available



Customer Experience

World-class aircraft deserve world-class support. Fly confidently knowing that no matter where your travels take you, Bombardier's services and support network has you covered.



Wider mobile response coverage than its leading competitor

With access to a network of aircraft, Bombardier's Mobile Response Team can reach its installed base worldwide, day or night. With more than twice as many mobile response vehicles than our leading competitor, customers can rest assured that support is always within reach.



More service facilities than its leading competitor

With 33% more service facilities worldwide than its leading competitor, Bombardier's service centres, authorized service facility network and line maintenance stations are strategically located around the world to better serve its customers' needs.



More field support representatives than its leading competitor

With more technical, operational and customer care experts in the field, customers can be confident that they will receive the support they need toward operational readiness and efficiencies, in addition to technical aircraft assistance when required.



Worldwide parts distribution coverage

The parts you need, when and where you need them. With over \$1 billion in parts inventory and a global network of 16 parts distribution sites that move nearly 70,000 aircraft parts monthly, Bombardier ensures your complete peace of mind.



Leading maintenance intervals

Bombardier's aircraft maintenance cycle features longer intervals between inspections. Longer intervals reduce the number of maintenance inspections required and may ultimately result in lower operating costs and reduced aircraft downtime.

We save you time and money



Leading maintenance intervals

Bombardier's maintenance cycle features longer intervals between inspections. Reducing the number of maintenance inspections required may significantly contribute to lowering your operating costs and reducing your aircraft's downtime.



Smart Services - Cost protection programs tailored to you

The Bombardier Smart Services cost-per-flight-hour programs provide customers with peace of mind through budget predictability for aircraft parts and maintenance costs. These programs offer the flexibility to tailor the cost-per-flight-hour coverage to better suit operational needs. With simple monthly billing, customers can focus on what matters the most - keeping their aircraft flying.



We give you more in warranty

Bombardier provides complementary mechanical and aesthetic adjustments to rectify the natural settling of on-board equipment within the first year of flight. Some other aircraft manufacturers consider these adjustments standard maintenance and consequently charge their customers accordingly. In addition, should an AOG (Aircraft-on-Ground) event occur in the first 5 years of owning an aircraft, Bombardier will dispatch a mobile response truck free of charge to its customers anywhere in the continental USA.*



Leading AOG support



24/7 Customer Response Centre

Bombardier's Customer Response Centre offers ultimate convenience with only one number to call for an AOG event in your part of the world. From aircraft systems and avionics support to structural repair, each call to the Bombardier Customer Response Centre connects you to experts who will create a tailored plan to get you flying again quickly and efficiently.



Wider mobile response coverage than its leading competitor worldwide

Bombardier's Mobile Response Team offers more worldwide coverage than its leading competitor, using a vast network of aircraft to dispatch the parts you need in the event of an AOG. No matter where you are around the world, rest assured that our Mobile Response Team is right there with you.



Worldwide AOG coverage

A network of aircraft ready to support in the event of an AOG

Leading AOG support



More mobile response vehicles than its leading competitor

With more than twice as many Mobile Response Team vehicles than its leading competitor, Bombardier is ready to dispatch its 30 trucks and highly skilled technicians at a moment's notice anywhere in the US and Europe.



Worldwide parts distribution coverage

With over \$1 billion in parts inventory and a global network of 16 parts distribution sites that move nearly 70,000 aircraft parts monthly, Bombardier ensures its customers have the parts they need, when and where they need them. Customers also benefit from the peace of mind provided by price matching and 2-year warranty on all aircraft parts.



Leading day-to-day support



Investing in its workforce

The strength of its network is in the numbers. Bombardier continues to invest in its worldwide workforce by increasing the number of project managers and technicians across its service network to ensure customer aircraft are swiftly returned to service. In the last few years Bombardier has increased the number of its technicians by 20%, bringing the total number of specialized technicians to over 1,190.



Investing in its footprint

Bombardier continues to expand its worldwide network in order to meet present and future customer demand by investing in the opening and expansion of service centres and line maintenance stations worldwide. Recent openings and current expansions include:

- 8 new line maintenance station openings
- Tianjin Service Centre opening
- London Biggin Hill Service Centre expansion
- Singapore Service Centre expansion
- Miami-Opa Locka Service Centre opening
- Melbourne Service Centre opening



Award-winning service centres

Every North American Bombardier service centre has received the FAA Diamond Award of Excellence, a yearly award highlighting an aircraft manufacturer's commitment to providing regulatory, airworthiness and safety awareness training to its service centre technicians. Bombardier proudly boasts 65 awards to date.



More service facilities than its leading competitor

With 33% more service facilities worldwide than its leading competitor, Bombardier's service centres, authorized service facility network and line maintenance stations are strategically located around the world to better serve its customers' needs.



More field support representatives than its leading competitor

Customers can rest assured that they will receive the support they need toward operational readiness and efficiencies, in addition to technical aircraft assistance when required thanks to more technical, operational and customer care experts in the field.

Bombardier's growing worldwide presence







SERVICE CENTRES

Americas

Dallas, Texas Hartford, Connecticut Miami-Opa Locka, Florida Tucson, Arizona Wichita, Kansas

Asia Pacific

Melbourne, Australia Singapore, Singapore Tianjin, China

Europe

Berlin, Germany London Biggin Hill, United Kingdom

CUSTOMER RESPONSE CENTRE

Americas

Montreal, Quebec Wichita, Kansas

Asia Pacific

Singapore, Singapore

▲ LINE MAINTENANCE STATIONS

Americas

Teterboro, New Jersey Van Nuys, California

Europe

Geneva, Switzerland Linz, Austria Luton, United Kingdom Nice, France Paris, France

Middle East / Africa

Dubai, United Arab Emirates

PARTS AND COMPONENT REPAIR & OVERHAUL FACILITIES

Americas

Chicago, Illinois San Luis Obispo, California Wichita, Kansas

Asia Pacific

Hong Kong, China Singapore, Singapore

Europe

Frankfurt, Germany

Middle East / Africa

Dubai, United Arab Emirates

♦ AUTHORIZED TRAINING PROVIDERS

Americas

Dallas, Texas Las Vegas, Nevada Montreal, Québec Morristown, New Jersey Orlando, Florida

Europe

Burgess Hill, United Kingdom

Middle East / Africa

Dubai, United Arab Emirates

AUTHORIZED SERVICE FACILITY LOCATIONS

+ EXTENSIVE CR&O CAPABILITIES NETWORK AROUND THE WORLD



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