

Global 8000

BOMBARDIER

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.



Global 8000

The flagship for a new era

The Global 8000 aircraft is a private jet beyond compromise where the fastest speed, the longest range and the smoothest ride converge in a single business aircraft with proven reliability and the healthiest, best-connected cabin in the industry.



Fastest Get to your destination faster and save time with an unbeatable top speed of Mach 0.94—the fastest ever in business aviation.



Farthest Fly farther than ever before with an industry-leading 8,000 nautical mile range and unrivalled short-field performance in all-weather conditions.



Smoothest Experience the ultimate in ride quality with the Smooth Flëx Wing, engineered for maximum control and agility at all speeds while delivering the smoothest ride.



Healthiest Breathe easier with Bombardier Pür Air and its advanced HEPA filter technology, arrive rested and refreshed with the Soleil circadian lighting system, experience the comfort of the industry's lowest cabin altitude, and enjoy reduced lower back pressure with the Nuage seat and zero-gravity position.



Clearest Featuring next generation fly-by-wire technology, the Bombardier Vision flight deck blends cutting-edge avionics with exceptional ergonomics and aesthetics for remarkable comfort and control.





GLOBAL
8000

BOMBARDIER

It's about time. Yours.

The Global 8000 aircraft is the fastest business jet ever conceived. With a top speed of Mach 0.94—and the first ever transcontinental ultra-high speed cruise of Mach 0.92—you can now fly faster, providing you with more of the one thing that is always in short supply, time.





Like two aircraft in one

The Global 8000 aircraft is the largest purpose-built business jet capable of flying 8,000 nautical miles. Its advanced and aerodynamically efficient design uniquely enables it to provide the longest range and shortest field performance with all the spaciousness and comfort of a business jet with four true living spaces, a full-size kitchen and a separate crew rest area.



Unlock new possibilities

The industry-leading range of the Global 8000 business jet connects tens of thousands of popular city pair possibilities—including new ultra-long range routes, such as Dubai to Houston, Singapore to Los Angeles and London to Perth, among many others.

Longest range from even the shortest runways

Thanks to its revolutionary Smooth Flēx Wing and innovative GE Passport engines, the Global 8000 aircraft delivers the longest range from even the shortest runways—and in all-weather conditions.

What's more, the Global 8000 aircraft has been engineered to provide the field performance of a light jet, providing safe access to many challenging airfields its closest competitor can't.





The healthiest cabin

The cabin of the Global 8000 business jet is unlike anything else in the industry. It was conceived to maximize passenger comfort, health and productivity, because on the Global 8000 aircraft we make your wellness our top priority.



Bring your wellness ritual onboard

Featuring four personalized suites ergonomically designed to maximize space and freedom of movement, take a moment to stretch and unwind in the bright, inviting cabin of the Global 8000 private jet. Then grab a smoothie or a healthy meal in the full-size kitchen to recharge so you can get on with your day.



Rest, reset and recharge

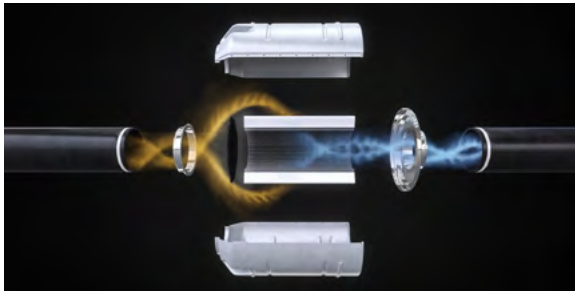
From the industry's lowest cabin altitude and the cleanest air to the first true circadian lighting, the Global 8000 business jet features revolutionary cabin technologies designed to enhance your health and comfort in flight.





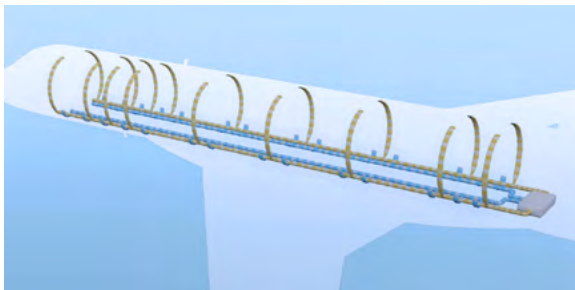
Lowest cabin altitude

The Global 8000 private jet features the industry's lowest cabin altitude to help you feel more comfortable especially on long distance flights. With a cabin altitude of 2,900 feet, feel like you're strolling through Yosemite National Park as you gaze out the window at the views from above 41,000 feet.



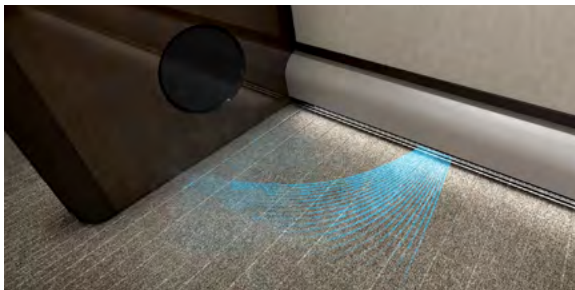
Cleanest cabin air

Bombardier Pür Air features a hospital grade HEPA filter that captures up to 99.99%* of particles, including viruses, allergens and bacteria. It also features an activated carbon filter that removes volatile organic compounds (VOCs), odors and gases.



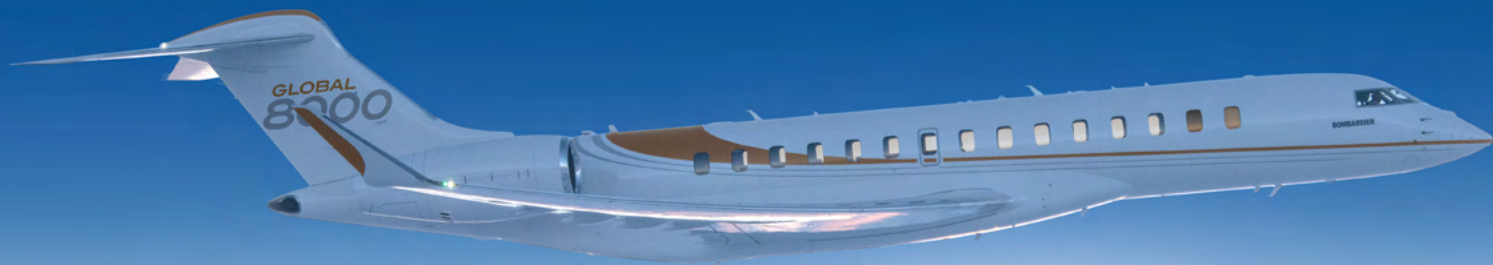
Fastest fresh air replacement

The Bombardier Pür Air system is the fastest fresh air delivery system in the industry, up to 25% faster than the competition. Capable of completely refreshing the cabin with 100% fresh air in as little as 90 seconds, Bombardier Pür Air improves circulation and helps to eliminate pockets of stagnant air.



Better humidity preservation

Bombardier Pür Air better preserves cabin humidity when compared to 100% fresh air only systems. Increased humidity helps promote respiratory comfort, reduce nasal discomfort and improve dermatological health due to better moisture retention.



Lights on. Jet lag off.

Bombardier's Soleil lighting system is aviation's first circadian rhythm-based cabin lighting fully integrated to the Flight Management System with a revolutionary Dynamic Daylight Simulation feature to help combat jet lag.

Soleil's Dynamic Daylight Simulation uses specific combinations of red and blue light wavelengths to aid in stimulating or suppressing the production of melatonin, which can help synchronize a traveler's circadian rhythm to the time at their destination.

Lighting for any mood

Adjust the cabin ambiance to suit your mood with the Soleil lighting system's full spectrum lighting and extensive pre-set library. From lounge, to blue sky, to cinema dark - there's a lighting pre-set for that.



Morning



Night



Mood



Zero-gravity comfort that's out of this world

The Nuage seat is the first new seat architecture in 30 years with the industry's first zero-gravity seating position designed for your physical wellbeing and effortless comfort.



Reduced lower back pressure

The Nuage seat features a pivot point at the knees, cradling the body and helping to alleviate pressure on the lower back.



Improved blood flow

The Nuage seat's zero-gravity position helps alleviate discomfort and muscle fatigue especially on long distance flights.



Optimal weight distribution

Thanks to its patented tilt-link system the Nuage seat offers a neutral body posture for optimal weight distribution.

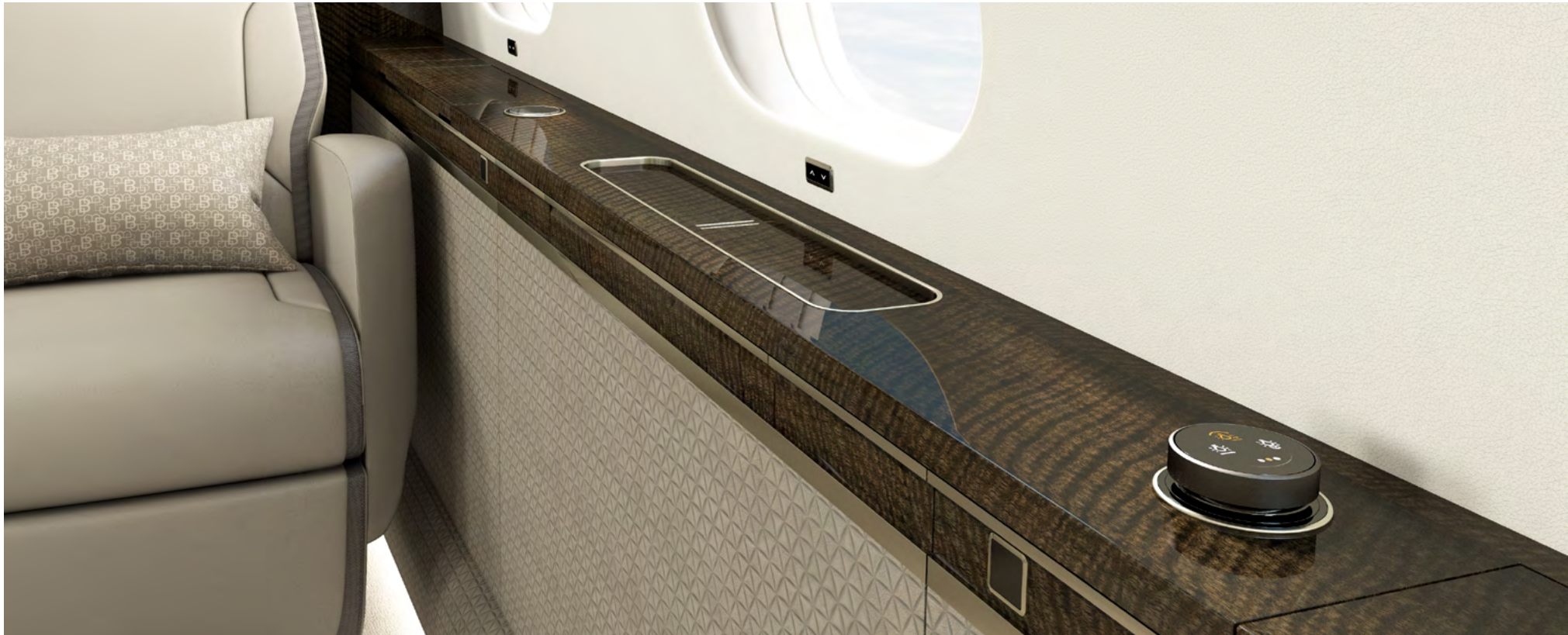


Better neck support

Reduce neck strain with the Nuage seat's adjustable headrest and experience effortless comfort in any position.

Dial up your cabin connectivity

The Global 8000 business jet features innovative cabin technologies engineered to elevate your connectivity and productivity while in flight.





Nice Touch CMS

The cutting-edge **nice** Touch cabin management system is designed exclusively for the Global 8000 aircraft. Elegant and intuitive, the **nice** Touch system's unique OLED touch dial control allows you to adjust a host of cabin settings quickly and comfortably.



Ka-band internet

Stay close and connected with available Ka-band worldwide** internet connectivity. Offering the fastest global internet speeds in the industry, download, stream, video conference and share content as seamlessly in the air as you do on the ground.



Immersive cabin entertainment

The Global 8000 aircraft elevates cabin entertainment to immersive heights with audio as real as if you are at a live concert, lighting as illuminating as though you're in a night club and a home theatre experience like front row seats at the movies.

Front row seats to any show you like

The Entertainment Suite on the Global 8000 business jet is equipped with an available 40-inch 4K TV with astonishing image quality and surround sound. Grab some popcorn, crank up the volume and enjoy the show.

Sound that soars

Experience the highest fidelity sound and directional audio sweet spot technology with Bombardier's l'Opéra, the most advanced audio system in business aviation.



What dreams are made of



In the Global 8000 aircraft's available Principal Suite, discover the soothing tranquility of home. Experience luxurious comfort in a personal space that features an unprecedented array of furnishing options, including a true stand-up shower in the En Suite





A flight deck with Vision

Featuring advanced fly-by-wire technology with Enhanced and Synthetic Vision Systems and a dedicated crew suite, the Global 8000 jet maximizes crew comfort and efficiency.



Fly-by-wire with freedom and protection

Bombardier's proven fly-by-wire system has been engineered with intent to maximize safety through a balanced design that combines control input freedom with the security of the industry's most complete flight envelope protection.



Dedicated crew suite

Cabin comfort extends to the crew, thanks to a permanently accessible and well equipped crew rest area designed to maximize comfort and privacy on long haul flights.

Technical specifications

GENERAL

CAPACITY

Passengers: Up to 19

ENGINES

GE Passport

Thrust: 18,920 lbf (84.16kN)

Flat rated to ISA + 15°C

CABIN TECHNOLOGY

- Bombardier Pür Air
- **nice** Touch Cabin Management System (CMS)
- Patented Bombardier Touch dial
- Bombardier's l'Opéra audio system
- Ka-band internet hardware
- Soleil circadian-based lighting system
- Media centre and media bay
- Blu-ray, HDMI and Wi-Fi

AVIONICS

- Bombardier Vision flight deck with four large avionics displays
- Advanced fly-by-wire technology and side stick controls
- Head-Up Display (HUD), Enhanced Vision System (EVS) and Synthetic Vision System (SVS)
- Graphical flight planning
- MultiScan™ weather radar including windshear detection
- Latest Performance Based Navigation (PBN):
 - WAAS/SBAS
 - LPV approach
 - RNAV, en-route RNP & RNP AR approaches
- Controller Pilot Data Link Communication (CPDLC)

PERFORMANCE

RANGE

Maximum range ⁽¹⁾	8,000 nm	14,816 km
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SPEED

	MACH	
Top speed	0.94	
Ultra-high speed cruise	0.92	
High speed cruise	0.90	
Typical cruise speed	0.85	

AIRFIELD PERFORMANCE

Takeoff distance (SL, ISA, MTOW)	5,760 ft	1,756 m
Landing distance (SL, ISA, typical)	2,237 ft	682 m

OPERATING ALTITUDE

Maximum operating altitude	51,000 ft	15,545 m
Initial cruise altitude (MTOW)	43,000 ft	13,106 m

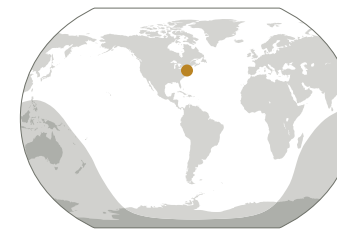
DIMENSIONS

INTERIOR

Cabin height	6 ft 2 in	1.88 m
Cabin width	8 ft 0 in	2.44 m
Cabin length ⁽²⁾	54 ft 5 in	16.59 m

EXTERIOR

Length	111 ft	33.8 m
Wingspan	104 ft	31.7 m
Height	27 ft	8.2 m



New York



London



Dubai



Hong Kong



Sydney

(1) Theoretical range with NBAA IFR Reserves, ISA, M 0.85, 8 pax/4 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.

Four living spaces,
limitless possibilities



Typical interior configuration

ENTRANCE

- Full size kitchen with dual convection/microwave ovens, sink and faucet, and chilled storage
- Furnished lavatory with a window, vanity, sink and faucet
- Private Crew Suite equipped with Nuage seat, power outlets and storage
- Wardrobe for passengers' and crew members' personal items

CLUB SUITE

- 4 Nuage seats with zero-gravity position
- Concealable side-tables
- Side ledges with integrated Bombardier Touch dials
- 24-inch bulkhead display
- 6 ultra-large windows

CONFERENCE SUITE

- Elegant 6-seat meeting and dining space
- Angled dining table with removable leaf
- 6 ultra-large windows

ENTERTAINMENT SUITE

- 3-place berthable Nuage divan
- Large entertainment cabinet with media storage
- Large stand up TV
- High fidelity audio system
- 6 ultra-large windows

PRINCIPAL SUITE

- Nuage seat with zero-gravity position
- Concealable side-table
- Full size bed with customizable headboard
- Two headboard lamps
- Large wardrobe
- 32-in high definition display
- 6 ultra-large windows

EN SUITE

- Private lavatory with window, vanity and available stand up shower
- Large wardrobe
- Unrestricted and safe access to baggage compartment



BOMBARDIER

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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.*

*Dependent on availability. Certain conditions apply, contact a Bombardier customer support account manager or field support representative for details.



Bombardier's maintenance cycle features longer intervals between inspections.

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.



Bombardier's Mobile Response Team

30 Trucks | 100+ Technicians

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:

- 10 new line maintenance station openings
- Tianjin Service Centre opening
- London Biggin Hill Service Centre opening & expansion (2022)*
- Singapore Service Centre expansion (2022)*
- Miami-Dade County Opa Locka Service Centre opening (2022)*
- Melbourne Service Centre opening (2022)*

*Projected dates as of September 2020.



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
 Fort Lauderdale, Florida
 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

▲ LINE MAINTENANCE STATIONS

Americas

Teterboro, New Jersey
 Van Nuys, California

Asia Pacific

Tianjin, China

Europe

Geneva, Switzerland
 Linz, Austria
 Luton, United Kingdom
 Milan, Italy
 Olbia, Italy
 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
 Sydney, Australia

Europe

Frankfurt, Germany

Middle East / Africa

Dubai, United Arab Emirates

◇ AUTHORIZED TRAINING PROVIDERS

Americas

Dallas, Texas
 Las Vegas, Nevada*
 Montreal, Quebec
 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



GLOBAL
8000

Bombardier Business Aircraft

400 Côte-Vertu Road West
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To learn more about the Global 8000 aircraft please visit businessaircraft.bombardier.com

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