



Global 6500

**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 6500

## Quintessentially Global

Wide-open living spaces, refined interior design, sheer comfort, total performance and a smooth ride are all synonymous with Global business jets. The Global 6500 aircraft will reshape your expectations and thrill your senses with a stunning cabin, powerful engines and leading-edge wing technology for a heightened flight experience that is quintessentially Global.



**Smoothest ride** Featuring the Smooth Flëx Wing, a technological marvel engineered for maximum control and agility at all speeds while providing the industry's smoothest ride.



**Largest cabin** The widest-in-class cabin provides a spacious environment to push the boundaries of interior design with three distinct living spaces maximizing movement and privacy.



**Revolutionary seating** The industry's most innovative seating collection redefines comfort with the versatile Nuage chaise and patented Nuage seat with its unique deep recline feature.



**Cleanest air** Bombardier Pür Air features an advanced HEPA filter that captures up to 99.99% of allergens, bacteria and viruses while completely replacing the cabin air with 100% fresh air in as little as 90 seconds.



**Longest range** Leading-edge wing technology and purpose-built engines give the Global 6500 aircraft class-leading range, speed and agility to connect more cities, including those its competitors can't access.



**Clearest vision** The incomparable Bombardier Vision flight deck is now the first to overlay infrared and synthetic terrain imagery for true combined vision that clears the way for a smooth landing in the most challenging conditions.









# A space that fits your lifestyle

The Global 6500 aircraft's wide-open living spaces are where form and function come together in a visually stunning environment. The latest technology keeps you connected and entertained, while new innovative seating delivers the comfort you expect from a cabin built around you.







#### **4K takes flight**

The most technologically advanced cabin comes to life on the Global 6500 aircraft with vivid 4K entertainment. Live stream a game and always stay in touch with an intuitive cabin management system that is seamlessly integrated with the industry's fastest internet connectivity.



#### **A professional space**

The kitchen aboard the Global 6500 aircraft is as beautiful as it is functional. New cabinets and countertops coupled with high-end exposed appliances, including a steam oven, expand the culinary possibilities for a formal meal or your favourite treat. A dedicated Crew Suite gives your team a place to stay on top of their game in-flight.





# A seat for life above the clouds

Introducing the Nuage seat, a revolutionary architecture and the first meaningful change in the operation and design of a business aircraft seat in 30 years. The Nuage seat delivers class-defining comfort for life above the clouds.

## **Tilt link system for a deep recline**

At the heart of the Nuage seat is a patented tilt link system that provides a novel deep recline position for extraordinary comfort and support.

## **Floating base for fluid movement**

Engineered to move as you do, the Nuage seat features a unique floating base with a first-ever fully trackless footprint and permanently centred swivel axis for effortless and intuitive positioning.

## **Tilting headrest for exceptional comfort**

Designed with intent for ergonomic perfection, an adjustable and tilting headrest provides optimal neck support in any position.









# Conference. Dine. Lounge.

The Conference Suite is a versatile space with a table seating up to six, making it the perfect setting for an important meeting or a delicious meal. With the award-winning Nuage chaise, a first in business aviation, this area becomes a relaxing place to catch up on your reading or to simply watch the world go by.



## **The Nuage chaise**

The Nuage chaise is a unique seating system that is high on style and comfort. Its minimalist design complements the cabin's open feeling, while its functionality gives this space unprecedented versatility. A seat that follows the curve of your body as a lounge chair, and converts into a flat surface for sleeping or seating additional people at the conference table.



# Serenity by design

The Private Suite is your onboard retreat. Tucked away in the quietest part of the cabin, it offers the utmost tranquility for a quick nap or a good night's sleep. The En Suite with available shower and large wardrobe allow you to arrive refreshed and ready for whatever awaits.

## **Unlimited access**

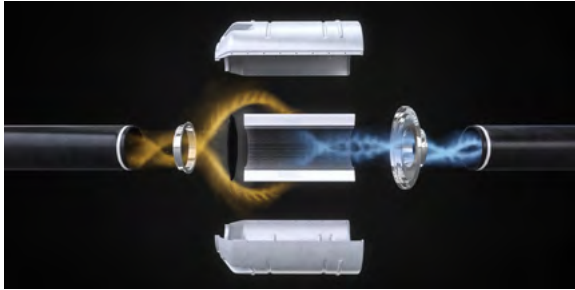
Safely access what you require, as required. With access to the baggage compartment at all times, your personal items are always within reach.



# Breathe easier

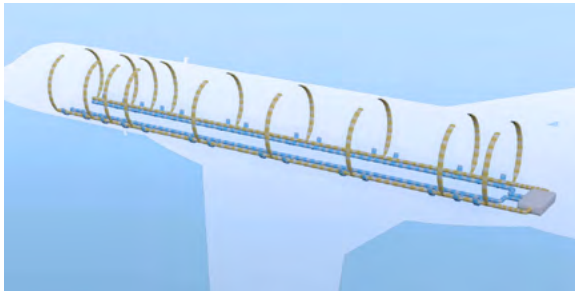
Bombardier Pür Air is a sophisticated air purification and circulation system featuring an advanced HEPA filter that rapidly purifies and replaces the cabin air. Available exclusively on Global aircraft, Bombardier Pür Air delivers cleaner air with better humidity and quicker heating and cooling than 100% fresh air only systems.





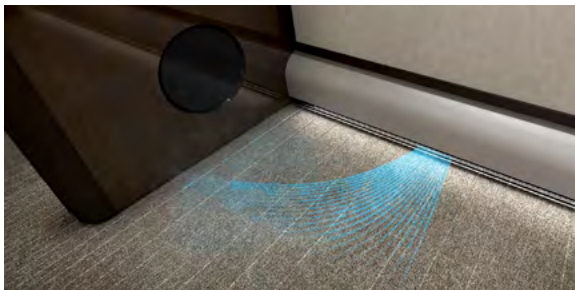
### Up to 99.99% efficiency

Bombardier Pür Air cleans the air through a HEPA filter—something 100% fresh air systems don't typically have—capturing up to 99.99%\* of particles from the air passing through it, including viruses, allergens and bacteria.



### 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 preserves humidity

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



### Heats and cools twice as quickly

Bombardier Pür Air heats and cools the cabin twice as fast as an aircraft using a 100% fresh air only setting. In testing, Bombardier Pür Air was able to achieve the desired cabin temperature in half the time when compared with a 100% fresh air setting.







# Smooth Flēx Wing

Bombardier's Smooth Flēx Wing is a technological marvel engineered like two wings in one: a high-lift wing for exceptional low speed agility and a high-speed wing for unrivalled speed and range—with the industry's smoothest ride in all weather conditions.

**Smoothest ride** – The Smooth Flēx Wing is sleeker and more flexible than its closest competitors for the industry's smoothest ride.

**Range** – With an impressive range of 6,600 nm, the farthest in its class, the Global 6500 business jet connects more cities like Hong Kong and London or Toluca and Madrid non-stop, saving you time and putting more of the world's business centres within reach.

**The all-weather performer** – The Global aircraft's Smooth Flēx Wing's design, which is optimized for both high and low speed landing, allows much shorter landing distances and less corrections for typical weather conditions like wind or rain.

**Speed** – The engine, purpose-built for the Global 6500 aircraft, powers it to top speeds of M 0.90 keeping you ahead of schedule wherever you're going.







# A flight deck with clear vision

The Bombardier Vision flight deck, the industry's leading cockpit, combines a comprehensive avionics suite with refined aesthetics for an exceptional flying experience.



## A clear view in any condition

Approach runways with absolute confidence. The cockpit on the Global 6500 aircraft is the first in the industry to offer a true Combined Vision System – the only system to seamlessly merge enhanced and synthetic vision images in a single view, reducing crew workload and increasing situational awareness with the clearest view through the toughest weather.

# Global 6500

## Smoothest ride

Featuring the Smooth Flëx Wing, a technological marvel engineered for maximum control and agility at all speeds while providing the industry's smoothest ride.

## Clearest vision

The incomparable Bombardier Vision flight deck is now the first to overlay infrared and synthetic terrain imagery for true combined vision that clears the way for a smooth landing in the most challenging conditions.

## Largest cabin

The widest-in-class cabin provides a spacious environment to push the boundaries of interior design with three distinct living spaces maximizing movement and privacy.

## Revolutionary seating

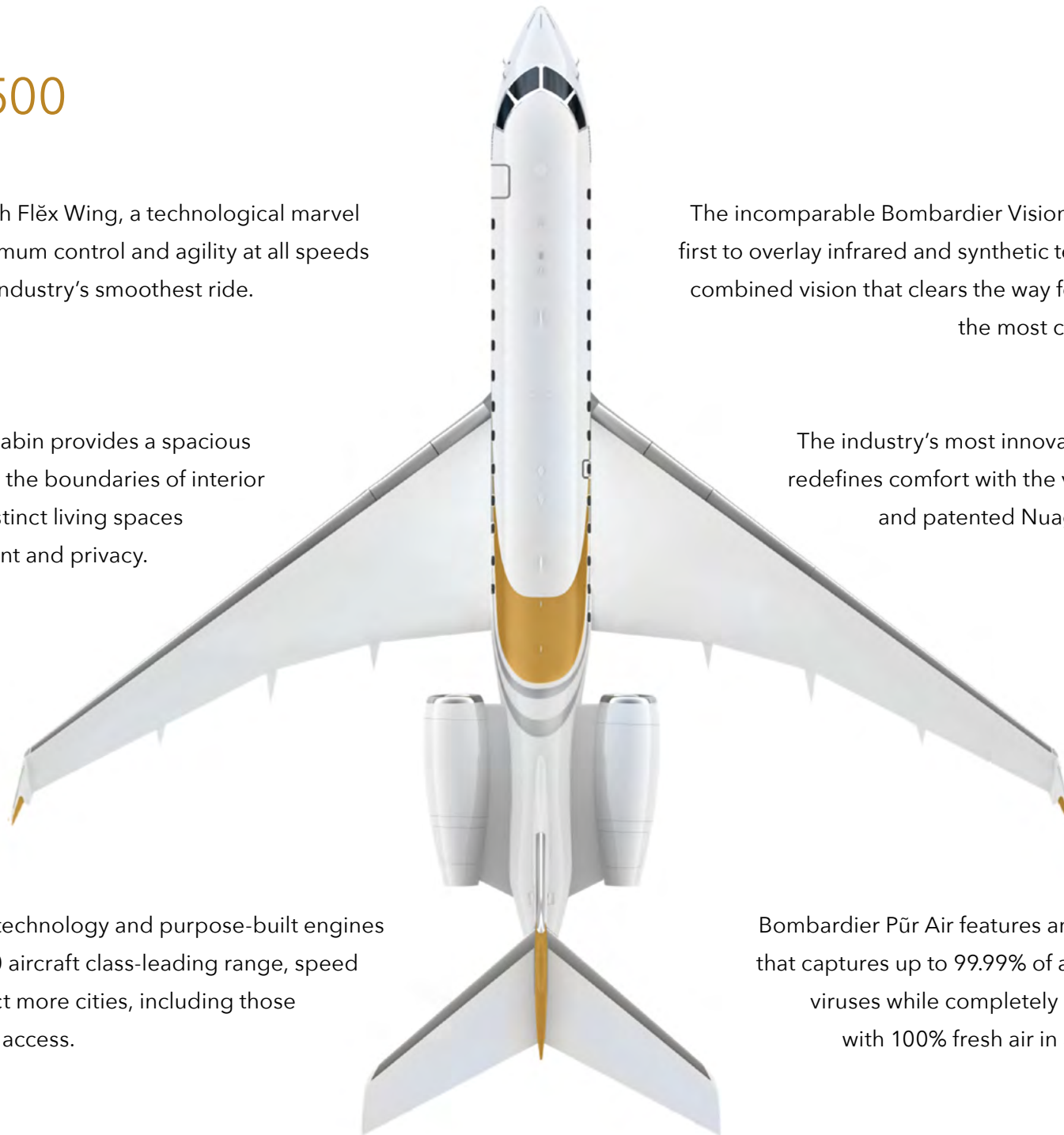
The industry's most innovative seating collection redefines comfort with the versatile Nuage chaise and patented Nuage seat with its unique deep recline feature.

## Longest range

Leading-edge wing technology and purpose-built engines give the Global 6500 aircraft class-leading range, speed and agility to connect more cities, including those its competitors can't access.

## Cleanest air

Bombardier Pür Air features an advanced HEPA filter that captures up to 99.99% of allergens, bacteria and viruses while completely replacing the cabin air with 100% fresh air in as little as 90 seconds.







# Technical specifications

## GENERAL

### CAPACITY

Passengers: Up to 17

### ENGINES

Rolls-Royce Pearl engine

Thrust: 15,125 lbf (67.3 kN)

Flat rated to ISA + 15°C

### CABIN TECHNOLOGY

- Bombardier Pür Air
- Ka-band internet available
- 4K entertainment
- Media centre and media bay
- HDMI and Wi-Fi

### AVIONICS

- Bombardier Vision flight deck with four large displays
- Combined Vision System (CVS) available, Head-Up Display (HUD)
- Graphical flight planning, Airport Moving Map (AMM) available
- MultiScan weather radar
- ADS-B in available
- Latest Performance Based Navigation (PBN):
  - SBAS/WAAS
  - LPV approach
  - RNAV, en-route RNP & RNP AR approaches
- Controller Pilot Data Link Communication (CPDLC)
- Datalink, high-speed SATCOM

## PERFORMANCE

### RANGE

Maximum range<sup>(1)</sup> 6,600 nm 12,223 km

### SPEED

Top speed 0.90 MACH

High speed cruise 0.88

Typical cruise speed 0.85

### AIRFIELD PERFORMANCE

Takeoff distance (SL, ISA, MTOW) 6,145 ft 1,873 m

Landing distance (SL, ISA, typical) 2,236 ft 682 m

### OPERATING ALTITUDE

Maximum operating altitude 51,000 ft 15,545 m

Initial cruise altitude (MTOW) 41,000 ft 12,497 m

## DIMENSIONS

### INTERIOR

Cabin height 6 ft 2 in 1.88 m

Cabin width 7 ft 11 in 2.41 m

Cabin length<sup>(2)</sup> 43 ft 3 in 13.18 m

### EXTERIOR

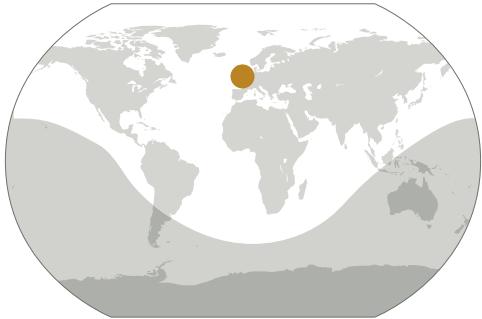
Length 99 ft 5 in 30.3 m

Wingspan 94 ft 0 in 28.7 m

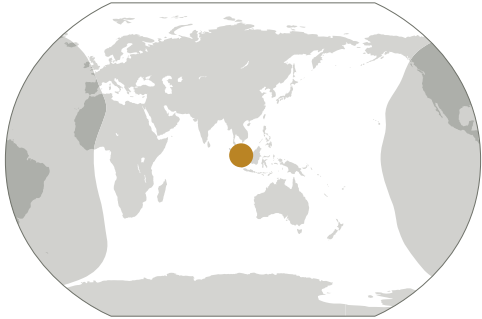
Height 25 ft 6 in 7.8 m



New York



London



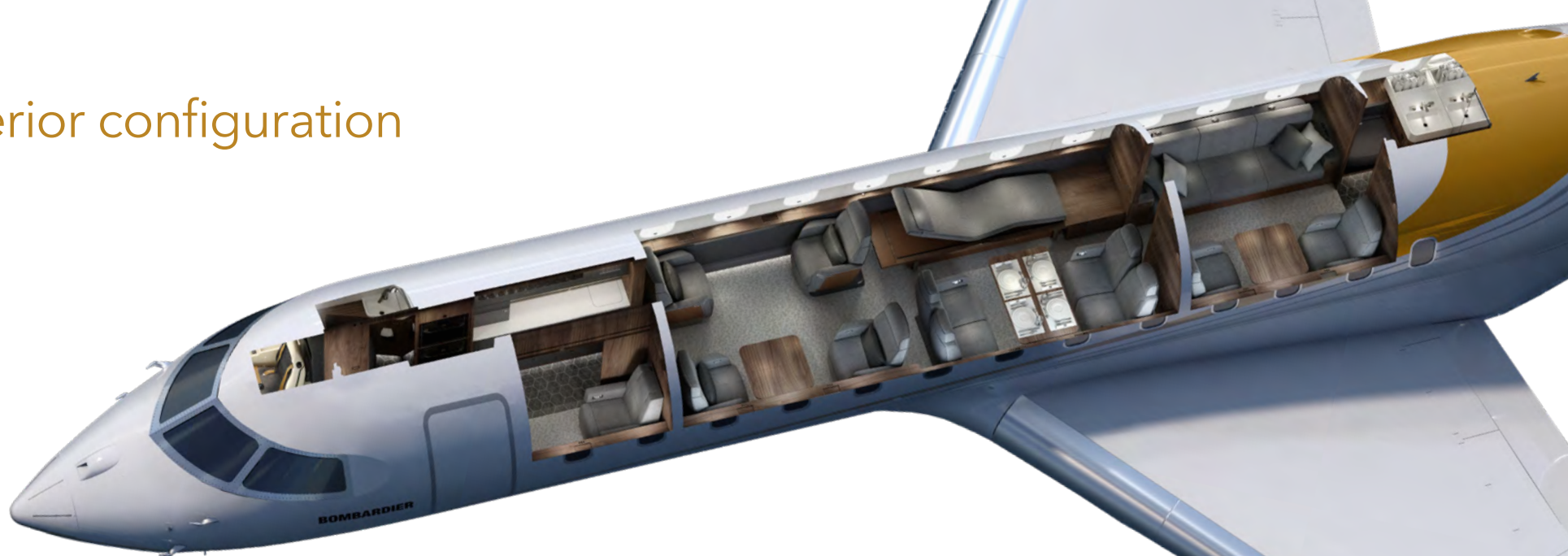
Singapore

(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.



# Interior configuration



## ENTRANCE & CREW SUITE

- Luxurious kitchen featuring exposed dual convection/microwave ovens and available premium coffee/espresso machine
- Generous kitchen work surface, sink and faucet, drawer and chilled storage
- Private crew area equipped with berthable seat, power outlets and storage
- Lavatory featuring a large mirror, vanity, sink and faucet
- Spacious wardrobe for passengers' and crew member's personal items
- Sound-insulating entry door and cockpit closeout curtains

## CONNECTIVITY & ENTERTAINMENT

- Cabin entertainment suite with available 4K/Ultra-HD capability
- Industry-leading Ka-band high-speed internet connectivity available
- Wireless music streaming capability throughout the cabin
- Wireless control of cabin environment and entertainment via personal electronic devices

## CLUB SUITE

- 4 patented Nuage seats with unique deep recline feature
- 24 in (61 cm) 4K bulkhead monitor
- Sound-insulating cabin entry door
- Concealable side-tables
- Quick-access in-seat storage

## CONFERENCE SUITE

- Conference grouping including a height-adjustable single pedestal table
- Credenza with storage
- Quick-access in-seat storage
- Available Nuage chaise
- Multiple floorplans available

## PRIVATE SUITE

- 2 patented Nuage seats with unique deep recline feature
- 24 in (61 cm) 4K bulkhead monitor
- 3-place berthable divan
- Quick-access in-seat storage
- Multiple floorplans available

## EN SUITE

- Lavatory with large windows for natural light features a large mirror, vanity, sink, faucet and available standup 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

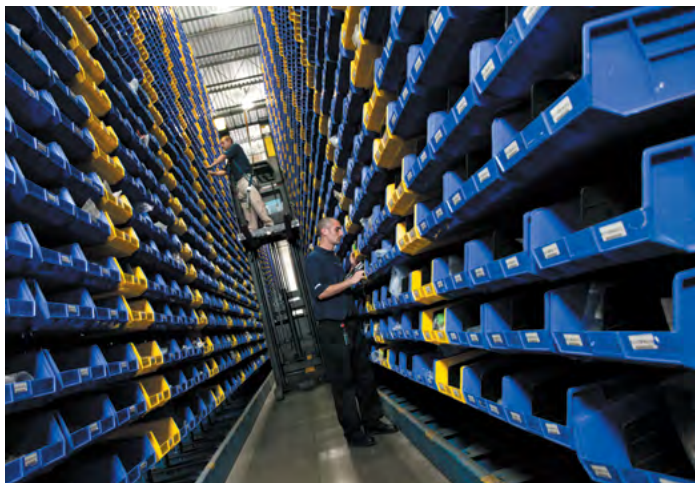
A network of aircraft ready to support in the event of an AOG

# 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:

- 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





## **Bombardier Business Aircraft**

400 Côte-Vertu Road West  
Dorval, Québec, Canada H4S 1Y9

**[businessaircraft.bombardier.com](https://businessaircraft.bombardier.com)**

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