

# Challenger 350

**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.









# Challenger 350

## Best-selling by design

You demanded excellence, so we designed an aircraft with a no-compromise approach that continues to define the super mid-size category. Enjoy superior comfort, exceptional performance and an unrivalled private jet experience on board the award-winning Challenger 350 aircraft.



**Smooth ride** An optimally balanced aircraft design provides you with an exceptionally smooth ride from takeoff to touchdown.



**#1 in deliveries** The Challenger 350 aircraft is the best-selling business jet platform among top corporate flight departments and charter operators worldwide.



**Largest cabin** Sit back and relax in the largest cabin in its class. Featuring exquisite finishes and sleek styling, a flat floor design and safe access to baggage at all times, it delivers high style and comfort without compromise.



**Quietest cabin** Minimize noise to maximize comfort in the quietest cabin in its class. Equipped with a standard entry door acoustic curtain and galley pocket door, the aircraft's sound suppressing design ensures optimal productivity and relaxation in flight.



**Lowest direct operating costs** Through longer maintenance intervals, low parts cost and increased efficiency, operators benefit from the lowest in-class operating costs making the Challenger 350 aircraft a wise decision.



**Highest reliability** With its outstanding dispatch reliability, the Challenger 350 aircraft was designed to deliver peace of mind.





# World class design

## **Intentional elegance**

From our signature metal trim to clever foldout tables, every aspect of the cabin has been carefully designed for an unrivalled private jet experience. Whether it's for work or pleasure, the Challenger 350 aircraft delivers on its promise of class-leading comfort.

## **Wide open spaces**

Enjoy the open comfort of a wide, spacious cabin. Sit back, stretch out or lie down in generous, hand-sculpted seats.

## **Freedom to move**

Safely move about the cabin with unrestricted ease thanks to our flat floor design.





### **Quietest Cabin**

Minimize noise to maximize comfort in the quietest cabin in its class. Equipped with a standard entry door acoustic curtain and galley pocket door, the aircraft's sound suppressing design ensures optimal productivity and relaxation in flight.



### **The details you expect and some you don't**

Exceptional craftsmanship, carefully selected finishes, large windows and angled touch screens create the perfect balance between aesthetics and ergonomics.



### **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.







# Cutting-edge is just scratching the surface

## **Designed to be effortless**

Technology works best when it goes unnoticed. The Challenger 350 cabin integrates advanced technology with carefully crafted interiors. The result is an intuitive cabin experience for business or pleasure.

## **Immersive sound**

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







### Always connected

Enjoy high-speed connectivity with Ka-band and 4G ATG (air-to-ground) internet on the Challenger 350 aircraft. Stream your favourite music or movies, video conference or watch the big game. For work or play - you're always connected.



### Pause work; hit play

Your in-flight escape starts with our intuitive cabin entertainment system. Connect your personal devices and view videos and movies on the largest high definition monitors in the segment.



### Control at your fingertips

Seamlessly switch from information to entertainment with the Challenger 350 aircraft's refreshed cabin management system. Inspired by the industry flagship Global 7500 aircraft, its modern and user-friendly design allows you to intuitively connect to all of your devices.





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# You expect excellence, we deliver exceptional

## **Numbers you can count on**

When we say 3,200 nm range, we mean it. Whether it's New York to London, Paris to Dubai or Hong Kong to Mumbai, the Challenger 350 aircraft will get you there with full fuel at full passenger capacity.

## **Field performance**

With exceptional steep approach and short-field performance capabilities, the Challenger 350 aircraft can operate in and out of challenging airports such as Aspen, London City, Lugano and Santa Monica. It also climbs quickly and directly to 43,000 feet (13,106 m) allowing you to reach your destination faster.







# Challenge everything you know about value

## **Lowest direct operating costs**

The Challenger 350 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**

The Challenger 350 business jet comes fully-equipped with more baseline features than the competition, providing premium enhancements at no extra cost.



# Guaranteed to get you there

## **Smooth ride**

The Challenger 350 aircraft's wing, engine and landing gear were developed in concert to ensure an optimally balanced design, providing a smooth ride from takeoff to touchdown.

## **Best equipped cockpit in its class**

The Challenger 350 aircraft cockpit 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. It also features a new lightweight Head-up Display (HUD) with Enhanced Vision System (EVS) that provides unparalleled situational awareness in low-visibility conditions while reducing pilot workload.



# Challenger 350

## Smooth ride

An optimally balanced aircraft design provides you with an exceptionally smooth ride from takeoff to touchdown.

## Quietest cabin

Minimize noise to maximize comfort in the quietest cabin in its class. Equipped with a standard entry door acoustic curtain and galley pocket door, the aircraft's sound suppressing design ensures optimal productivity and relaxation in flight.

## Highest reliability

With its outstanding dispatch reliability, the Challenger 350 aircraft was designed to deliver peace of mind.

## Largest cabin

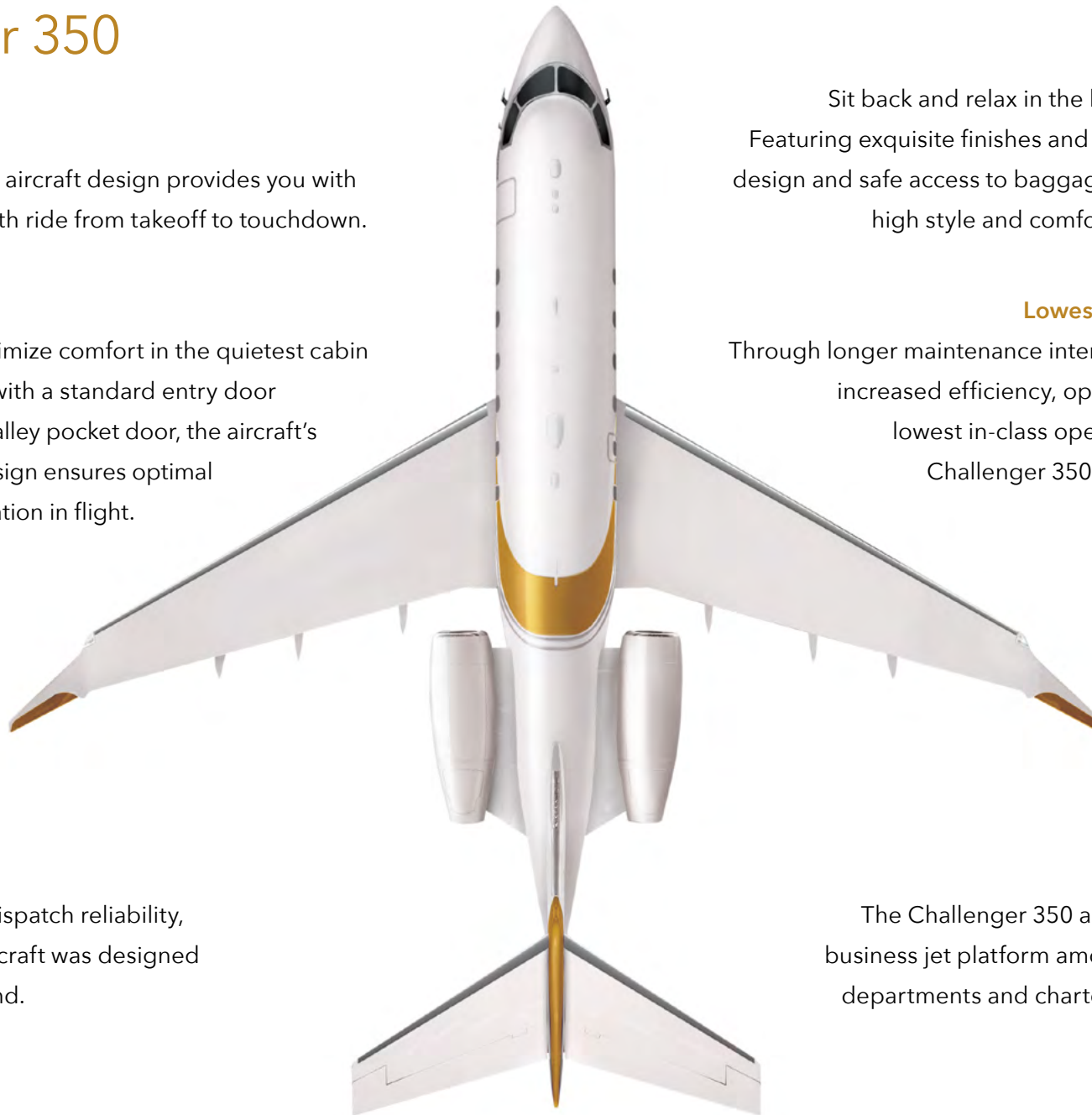
Sit back and relax in the largest cabin in its class. Featuring exquisite finishes and sleek styling, a flat floor design and safe access to baggage at all times, it delivers high style and comfort without compromise.

## Lowest direct operating costs

Through longer maintenance intervals, low parts cost and increased efficiency, operators benefit from the lowest in-class operating costs making the Challenger 350 aircraft a wise decision.

## #1 in deliveries

The Challenger 350 aircraft is the best-selling business jet platform among top corporate flight departments and charter operators worldwide.





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350



# Technical specifications

## GENERAL

### CAPACITY

Passengers: Up to 10

### ENGINES

Honeywell HTF7350 turbofans

Thrust: 7,323 lbf (33 kN)

Flat rated to ISA + 15°C

### CABIN TECHNOLOGY

- Ka-band and 4G ATG (air-to-ground) internet available
- Blu-ray, HDMI and Wi-Fi

### AVIONICS

- Available Head-up Display (HUD) with Enhanced Vision System (EVS)
- Collins Aerospace Pro Line 21 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

## PERFORMANCE

### RANGE

Maximum range<sup>(1)</sup>                      3,200 nm                      5,926 km

### SPEED

	<b>MACH</b>
Top speed	0.83
High speed cruise	0.82
Typical cruise speed	0.80

### AIRFIELD PERFORMANCE

Takeoff distance (SL, ISA, MTOW)	4,835 ft	1,474 m
Landing distance (SL, ISA, typical)	2,364 ft	721 m

### OPERATING ALTITUDE

Maximum operating altitude	45,000 ft	13,716 m
Initial cruise altitude (MTOW)	43,000 ft	13,106 m

## DIMENSIONS

### INTERIOR

Cabin height	6 ft 0 in	1.83 m
Cabin width	7 ft 2 in	2.19 m
Cabin length <sup>(2)</sup>	25 ft 2 in	7.68 m

### EXTERIOR

Length	68 ft 8 in	20.9 m
Wingspan	69 ft 0 in	21.0 m
Wing area	523 ft <sup>2</sup>	48.5 m <sup>2</sup>
Height	20 ft 0 in	6.1 m



New York



Sao Paulo



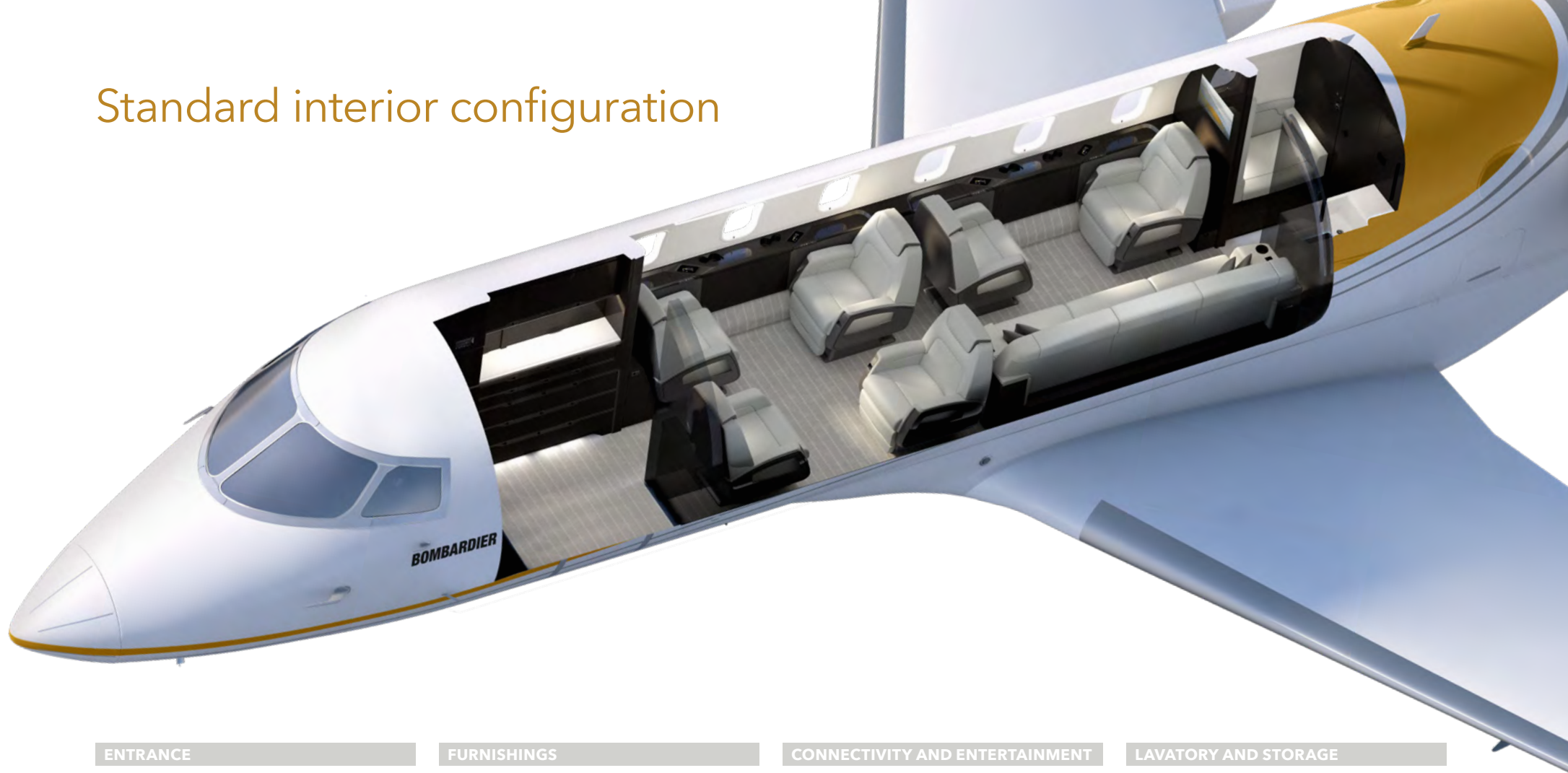
Paris

(1) Theoretical range with NBAA IFR Reserves, ISA, M 0.80, 8 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, microwave, coffee/espresso machine, drainable ice drawer and available sink and faucet
- 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 10 passengers
- Executive seating in club configuration
- 3-place divan with berthing capability available
- Seats feature 180°-swivel, tracking, recline and berthing capability
- Quick-access seat storage compartments
- Concealed tables at each executive seating arrangement

## CONNECTIVITY AND ENTERTAINMENT

- Ka-band and 4G ATG internet available
- 22 in (56 cm) high definition forward and aft bulkhead monitors
- 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 106 ft<sup>3</sup> (3 m<sup>3</sup>) baggage compartment
- Wood and stone flooring available





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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









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