

# 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

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## Highest reliability

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

## Largest cabin

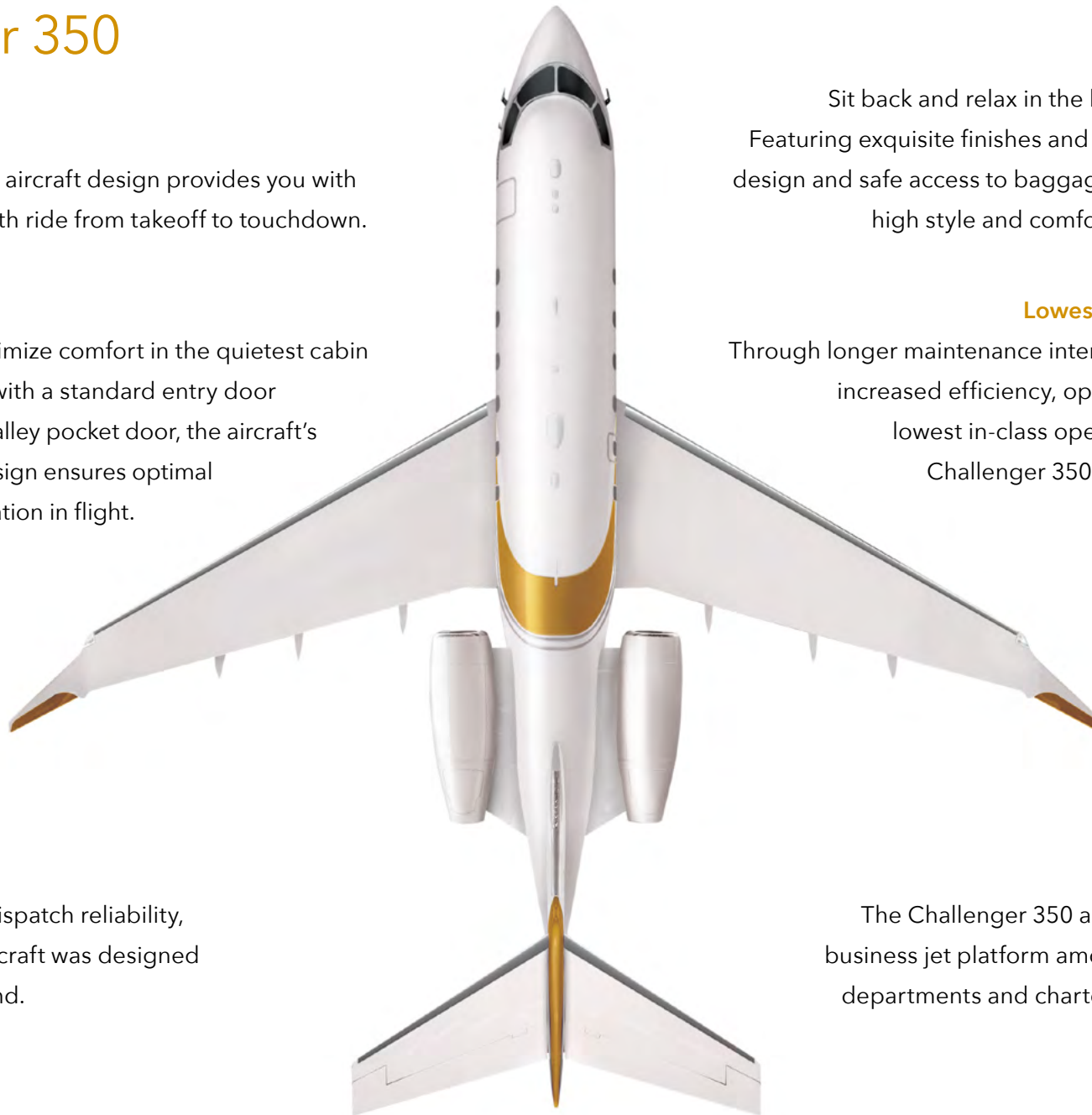
Sit back and relax in the largest cabin in its class. Featuring exquisite finishes and sleek styling, a flat floor design and safe access to baggage at all times, it delivers high style and comfort without compromise.

## 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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# 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

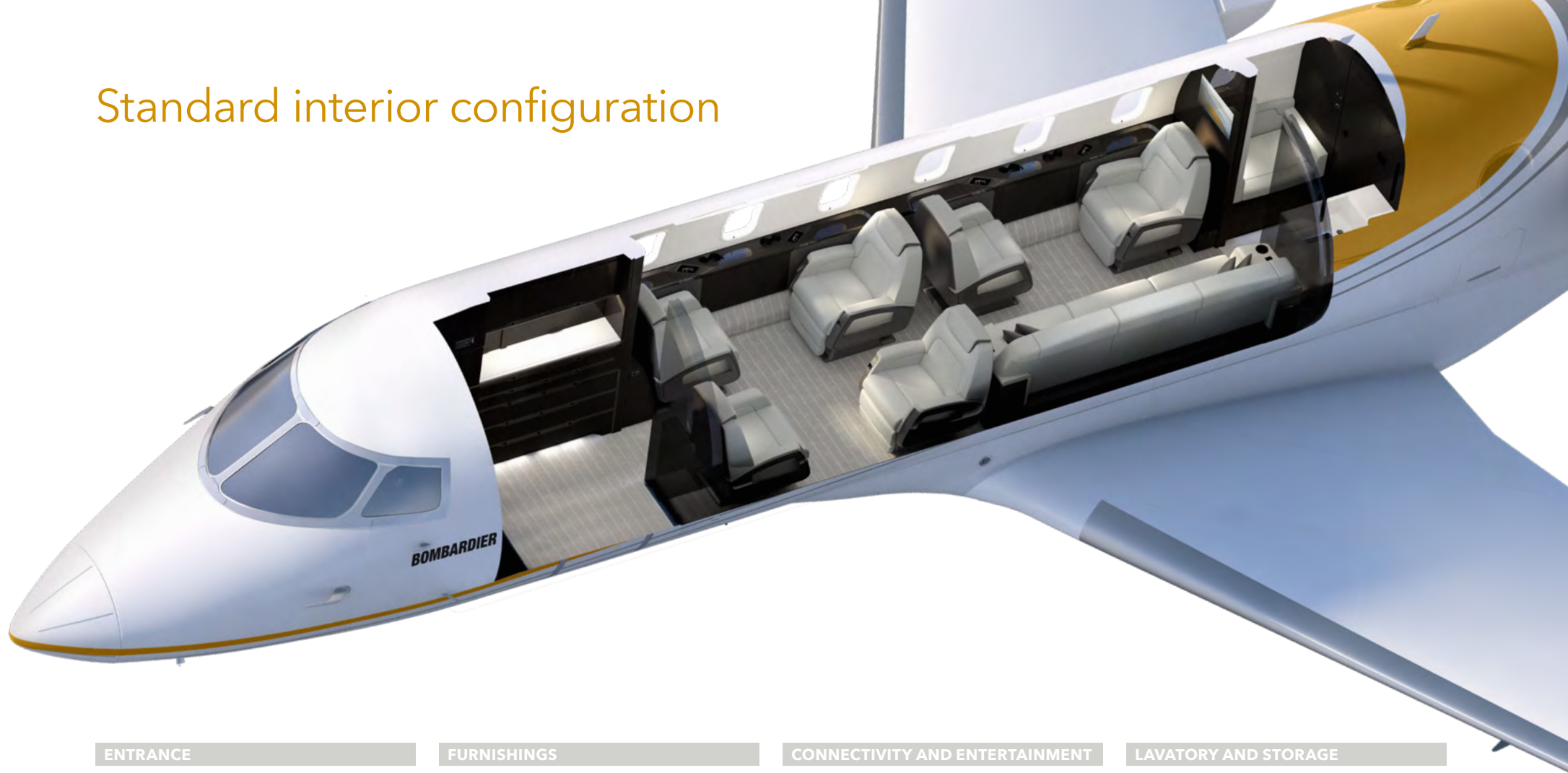


Paris

(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

# The world is your hangar

We work around the clock to keep you flying. Behind the scenes, a worldwide network of technicians and customer services representatives anticipate your every need – wherever, whenever.

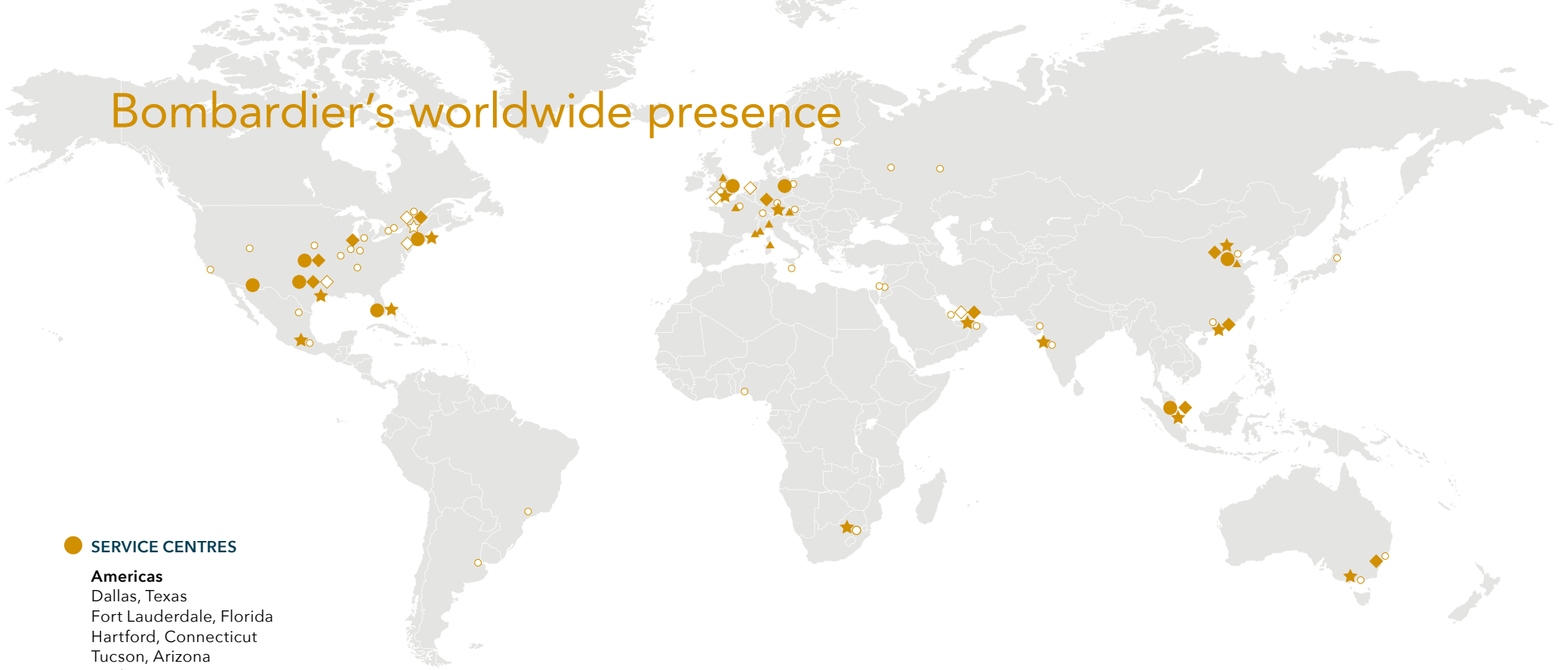


Over 100 service locations and support teams to serve you, including a 24/7 Customer Response Centre • 13 Regional Support Offices worldwide • Increased global parts availability through 10 parts and component repair & overhaul facilities as well as an extensive CR&O capabilities network • Authorized flight and technical training facilities available worldwide • Over 50 maintenance facilities providing exceptional service around the world • Industry-leading cost protection with Smart Services • 30 Mobile Response Team trucks and 2 Mobile Response Team aircraft deployed





# Bombardier's worldwide presence



● **SERVICE CENTRES**

**Americas**

- Dallas, Texas
- Fort Lauderdale, Florida
- Hartford, Connecticut
- Tucson, Arizona
- Wichita, Kansas

**Asia Pacific**

- Singapore, Singapore
- Tianjin, China

**Europe**

- Berlin, Germany
- Biggin Hill, United Kingdom

▲ **LINE MAINTENANCE STATIONS**

**Asia Pacific**

- Tianjin, China

**Europe**

- Cannes, France
- Linz, Austria
- Luton, United Kingdom
- Milan, Italy
- Nice, France
- Olbia, Italy
- Paris, France

★ **REGIONAL SUPPORT OFFICES**

**Americas**

- Dallas, Texas
- Fort Lauderdale, Florida
- Hartford, Connecticut
- Toluca, Mexico

**Asia Pacific**

- Beijing, China
- Hong Kong, China
- Mumbai, India
- Singapore, Singapore
- Melbourne, Australia

**Europe**

- Biggin Hill, United Kingdom
- Munich, Germany

**Middle East / Africa**

- Dubai, United Arab Emirates
- Johannesburg, South Africa

☆ **CUSTOMER RESPONSE CENTRE**

**Americas**

- Montreal, Quebec

◇ **AUTHORIZED TRAINING PROVIDERS**

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- Dallas, Texas
- Montreal, Quebec
- Morristown, New Jersey

**Europe**

- Amsterdam, Netherlands
- Burgess Hill, United Kingdom

**Middle East / Africa**

- Dubai, United Arab Emirates

○ **AUTHORIZED SERVICE FACILITIES**

◆ **PARTS AND COMPONENT REPAIR & OVERHAUL FACILITIES**

**Americas**

- Chicago, Illinois
- Dallas, Texas
- Montreal, Quebec
- Wichita, Kansas

**Asia Pacific**

- Hong Kong, China
- Singapore, Singapore
- Sydney, Australia
- Tianjin, China

**Europe**

- Frankfurt, Germany

**Middle East / Africa**

- Dubai, United Arab Emirates

**EXTENSIVE CR&O CAPABILITIES NETWORK AROUND THE WORLD**



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