

Challenger 650

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.



Meticulous is putting it lightly; we're big on the little things

Every detail of a Bombardier business aircraft is meticulously selected. Our expert engineering and superior craftsmanship allow you to experience productivity when you need it and comfort where you expect it. Nothing more and nothing less than what an exceptional private jet should be.



Expect exceptional from start to finish

When it's this well thought-out, you don't give it a second thought. Every element of your journey with us has been designed to flow seamlessly every step of the way.



Orchestrating every last detail are experts that translate your vision into business jets crafted uniquely to your specifications.





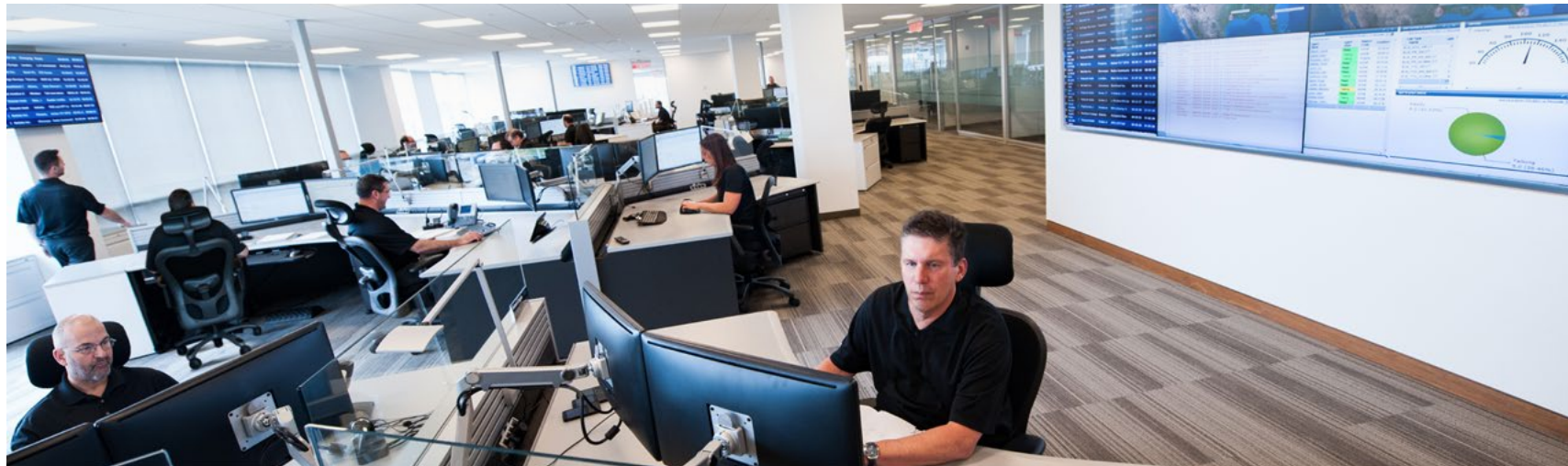
BOMBARDIER

Exceptional by design
BOMBARDIER



The world is at your service

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.



24 / 7 Service • Ground, air, mobile response services through our Customer Response Team • 14 Regional Support Offices worldwide • High parts availability through 13 parts facilities around the world • Bombardier-owned flight and technical training • Over 60 service & maintenance facilities around the world • Industry-leading cost protection with Smart Services • 17 Customer Response Trucks deployed

Exceptional by design

Bombardier designs world-class aircraft and signature moments. Through our visionary heritage, crafted excellence and orchestrated experiences, we create something greater than the sum of its parts – something Exceptional by design.



Challenger 650

Best-selling is a sure bet

When you imagine the best-selling large aircraft platform, we bet value is the last thing that comes to mind. But we made it happen. 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 restful flight experience.



Widest-in-class cabin Larger seats, bigger monitors and the space to move around freely. Others simply don't measure up.



NextGen ready The best equipped cockpit in its class and available Ka-band high-speed internet connectivity ensure you are always ahead of what's next.



Lowest direct operating costs With class-leading economics, the Challenger 650 is the aircraft of choice among corporate flight departments and charter operators.



Most reliable by design Count on this. With over 5 million flight hours, the Challenger 650 platform was designed to deliver on safety and peace of mind.



#1 in deliveries Most successful large business aircraft platform of all time with over 1,000 deliveries and counting.



Experience exceptional

Intentional elegance

From our signature metal trim to the clever foldout tables, every aspect of our cabin has been carefully designed for an unrivalled private jet experience. Whether it's for work or pleasure, the Challenger 650 aircraft delivers on its promise of class-leading comfort.

Others don't measure up

Comfort is assured in the widest cabin in its class with hand-crafted seats that let you sit back, stretch out or lie down.







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 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

Our cabin integrates advanced technology with carefully crafted interiors. The result is an intuitive cabin experience for business or pleasure.

Control at your fingertips

Seamlessly switch from information to entertainment with Bombardier's exclusive cabin management system.





FLIGHT INFO 02:17 pm

Estimated time of Arrival 02:56 pm

Flight time 2.50 h Time to destination 0.39 h



1119 mi 279 mi

Local times 02:17 pm +2h 04:17 pm





Always connected

The fastest in-flight internet connectivity worldwide* based on Ka-band technology is now available on the Challenger 650 aircraft. Travelling will never again stop you from video conferencing, live streaming or even online gaming. For work or play - you're always connected.



Pause work; hit play

Our intuitive cabin entertainment system allows you to connect your personal devices and view videos and movies on the largest high definition monitors in the segment. Enjoy the show.



Immersive sound

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



It all comes together here

Business within reach

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

Land in London City

With its steep approach certification, the Challenger 650 aircraft can access London City Airport. It can also operate in and out of challenging airports like Aspen and Lugano, so you can always get closer to your destination.



Nothing less than extraordinary

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.



Designed to deliver

Smooth ride

The Challenger 650 aircraft's wing design delivers an ultra-smooth ride ensuring that you arrive at your destination refreshed and well-rested.

Best equipped cockpit in its class

Fly confidently with the Bombardier Vision flight deck. 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.

Over 5 million flight hours and going strong

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 restful flight experience.

#1 in deliveries

Most successful large business aircraft platform of all time with over 1,000 deliveries and counting.

Lowest direct operating costs

With class-leading economics, the Challenger 650 is the aircraft of choice among corporate flight departments and charter operators.

NextGen ready

The best equipped cockpit in its class and available Ka-band high-speed internet connectivity ensure you are always ahead of what's next.

Widest-in-class cabin

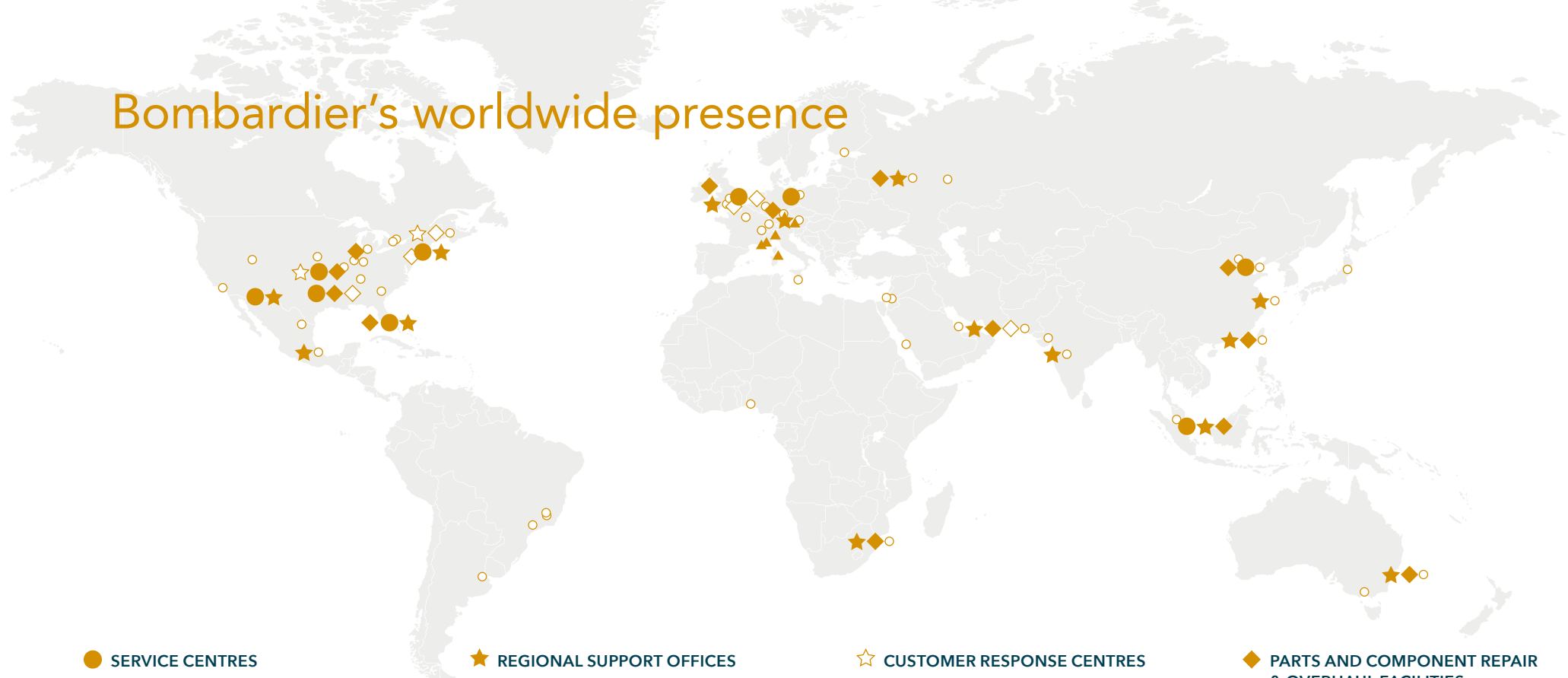
Larger seats, bigger monitors and the space to move around freely. Others simply don't measure up.

Most reliable by design

Count on this. With over 5 million flight hours, the Challenger 650 platform was designed to deliver on safety and peace of mind.



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

Europe

Cannes, France
 Linz, Austria
 Milan Linate, Italy
 Nice, France
 Olbia, Italy

★ REGIONAL SUPPORT OFFICES

Americas

Fort Lauderdale, Florida
 Hartford, Connecticut
 Toluca, Mexico
 Tucson, Arizona

Asia Pacific

Hong Kong, China
 Mumbai, India
 Shanghai, China
 Singapore, Singapore
 Sydney, Australia

Europe

Farnborough, United Kingdom
 Moscow, Russia
 Munich, Germany

Middle East / Africa

Dubai, United Arab Emirates
 Johannesburg, South Africa

☆ CUSTOMER RESPONSE CENTRES

Americas

Montreal, Quebec
 Wichita, Kansas

◇ TRAINING FACILITIES

Americas

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
 Miami, Florida
 Wichita, Kansas

Asia Pacific

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

Europe

Belfast, United Kingdom
 Frankfurt, Germany
 Moscow, Russia⁹

Middle East / Africa

Dubai, United Arab Emirates
 Johannesburg, South Africa

⁹Authorized parts facility operated by Jet Aviation

Technical specifications

GENERAL

CAPACITY

Passengers: Up to 12

ENGINES

GE CF34-3B MTO

Thrust: 9,220 lbf (41kN)

Flat rated to ISA + 15°C

AVIONICS

- Rockwell Collins 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⁽¹⁾ 4,000 nm 7,408 km

SPEED

	MACH
Top speed	0.85
High speed cruise	0.82
Typical cruise speed	0.80

AIRFIELD PERFORMANCE

Takeoff distance (SL, ISA, MTOW) 5,640 ft 1,720 m

Landing distance (SL, ISA, typical) 2,402 ft 732 m

OPERATING ALTITUDE

Maximum operating altitude 41,000 ft 12,497 m

Initial cruise altitude (MTOW) 37,000 ft 11,278 m

DIMENSIONS

INTERIOR

Cabin height	6 ft 0 in	1.83 m
Cabin width	7 ft 11 in	2.41 m
Cabin length ⁽²⁾	25 ft 7 in	7.80 m

EXTERIOR

Length	68 ft 5 in	20.9 m
Wingspan	64 ft 4 in	19.6 m
Wing area	489 ft ²	45.4 m ²
Height	20 ft 8 in	6.3 m

WEIGHTS

Maximum ramp weight	48,300 lb	21,909 kg
Maximum takeoff weight	48,200 lb	21,863 kg
Maximum landing weight	38,000 lb	17,237 kg
Maximum zero fuel weight	32,000 lb	14,515 kg
Basic operating weight	27,150 lb	12,315 kg
Maximum fuel weight	20,000 lb	9,072 kg
Maximum payload	4,850 lb	2,200 kg



New York



London

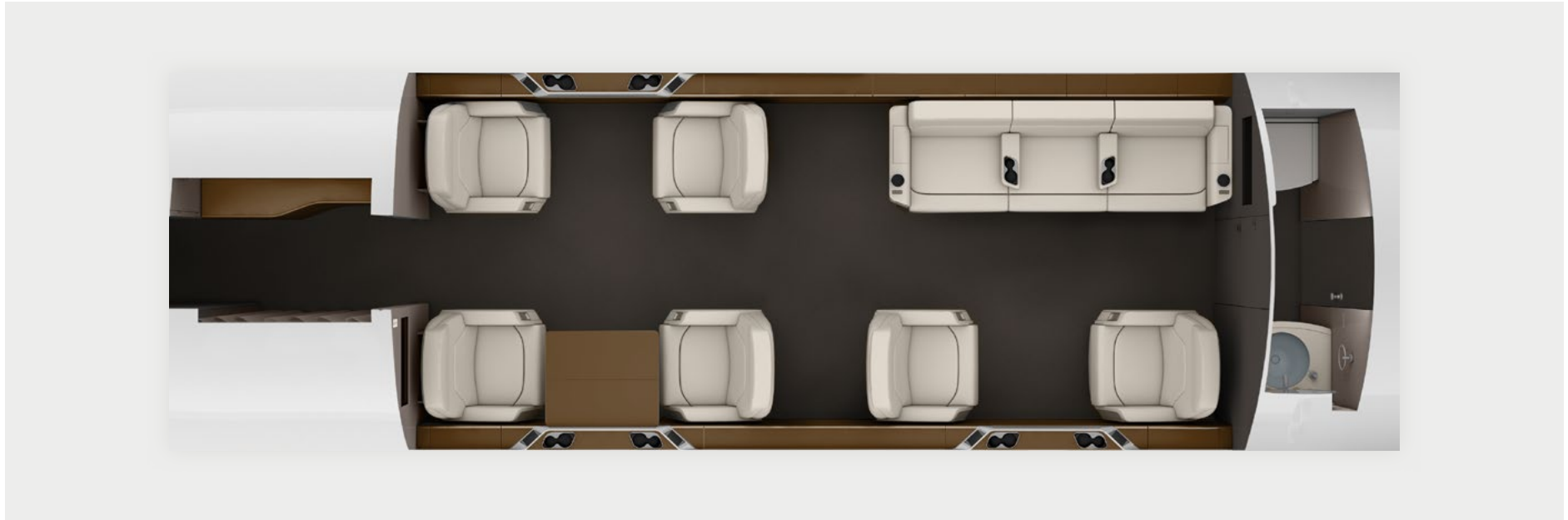


Singapore

(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 Bluetooth-enabled 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



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