

Global 5500

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.



Over 100 service locations and support teams to serve you, including a 24/7 Customer Response Centre • Ground, air, mobile response services through our Customer Response Team • 13 Regional Support Offices worldwide • Increased parts availability through 13 parts facilities around the world • Bombardier-owned flight and technical training • Over 50 maintenance facilities providing exceptional service around the world • Industry-leading cost protection with Smart Services • 23 Mobile Response Team vehicles 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.



Global 5500

Uniquely 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 5500 aircraft will reshape your expectations and thrill your senses with a stunning cabin, new engines and leading-edge wing technology for a heightened flight experience that is uniquely Global.



Smoothest ride Next-generation wing with fully re-profiled trailing edge combines flexibility and refined aerodynamics to deliver the smooth ride for which Global business jets are renowned.



Largest cabin The widest in-class cabin provides a spacious environment to push the boundaries of interior design. Exquisite finishes and innovative new seating deliver high style for the ultimate comfort, in an environment built around you.



Best seat in the house Experience the patented comfort and revolutionary deep recline of the Nuage seat – the first new seat architecture in business aviation in 30 years.



Sharpest entertainment The first 4K-enabled cabin with the fastest in-flight connectivity and intuitive cabin management system put an ultra-high-definition entertainment experience within reach.



Longest range Leading-edge wing technology and new, purpose-built Rolls-Royce Pearl engines give the Global 5500 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 5500 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 5500 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.



Appetizing by design

The beautiful, well-appointed kitchen on the Global 5500 aircraft not only looks great, it is equipped with cross-aisle worksurfaces providing space to make a formal meal or a favourite treat.



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 by day. Dine by night.

Whether it's an important meeting or a family meal, sitting around the table brings people together and sparks conversation. The Conference Suite is the perfect place to finalize a deal or share a delicious meal with friends and family. With the exclusive Nuage chaise, a first in business aviation, this area becomes a relaxing place to catch up on your reading or simply watch the world go by.



The Nuage chaise

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



Serenity by design

The Private Suite is your onboard retreat. Tucked away in the aft cabin, it is the quietest part of the aircraft, providing the utmost tranquility for a quick nap or a good night's sleep. In the adjoining En Suite with large wardrobe, you have a peaceful place to freshen up for whatever awaits upon arrival.

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.

100% fresh air + turbo heat and turbo cool

The Global 5500 aircraft features an advanced air management system that delivers both 100% fresh air as well as a turbo heat and turbo cool feature to rapidly raise or lower cabin temperature. Additionally, optimized cabin pressurization provides a low altitude environment in the cabin, helping you feel more energized and alleviating jet lag upon arrival.



Engineered for total performance

The Global 5500 aircraft delivers unmatched versatility – offering the perfect combination of range, speed, field performance and smooth ride. The result is uncompromised performance engineered to get you where you need to be in absolute comfort.

Range – With an impressive range of 5,700 nautical miles, the furthest in its class, the Global 5500 business jet connects cities like Los Angeles and Moscow or Sao Paulo and Paris non-stop, saving you time and putting more of the world's business centres within reach.

Speed – The brand-new Rolls-Royce Pearl engine, purpose-built for the Global 5500 aircraft, powers it to top speeds of M 0.90 keeping you ahead of schedule wherever you're going.

Field performance – A superbly agile aircraft capable of effortlessly accessing difficult airfields like London City, where its competitors can't get you.

Smooth ride – The next-generation Global wing with fully re-profiled trailing edge combines renowned flexibility with refined aerodynamics for a smooth and comfortable ride for the best night's sleep.



Power forward

The brand-new Rolls-Royce Pearl engine, purpose-built for the Global 5500 business jet, is a powerhouse of innovative design and technology. The industry's most advanced engine core enhances aerodynamics for greater power and efficiency allowing the Global 5500 aircraft to fly farther, faster and quieter.

Signature smooth ride

Forget you're flying in an aircraft designed with your comfort in mind. The Global 5500 aircraft's next generation long, flexible wing with leading-edge slats and new flaps deliver the stability needed to provide the smoothest ride, every time.



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 5500 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 5500

Smoothest ride

Next generation wing with fully re-profiled trailing edge combines flexibility and refined aerodynamics to deliver the smooth ride for which Global business jets are renowned.

Largest cabin

The widest in-class cabin provides a spacious environment to push the boundaries of interior design. Exquisite finishes and innovative new seating deliver high style for the ultimate comfort, in an environment built around you.

Sharpest entertainment

The first 4K-enabled cabin with the fastest in-flight connectivity and intuitive cabin management system put an ultra-high-definition entertainment experience within reach.

Clearest vision

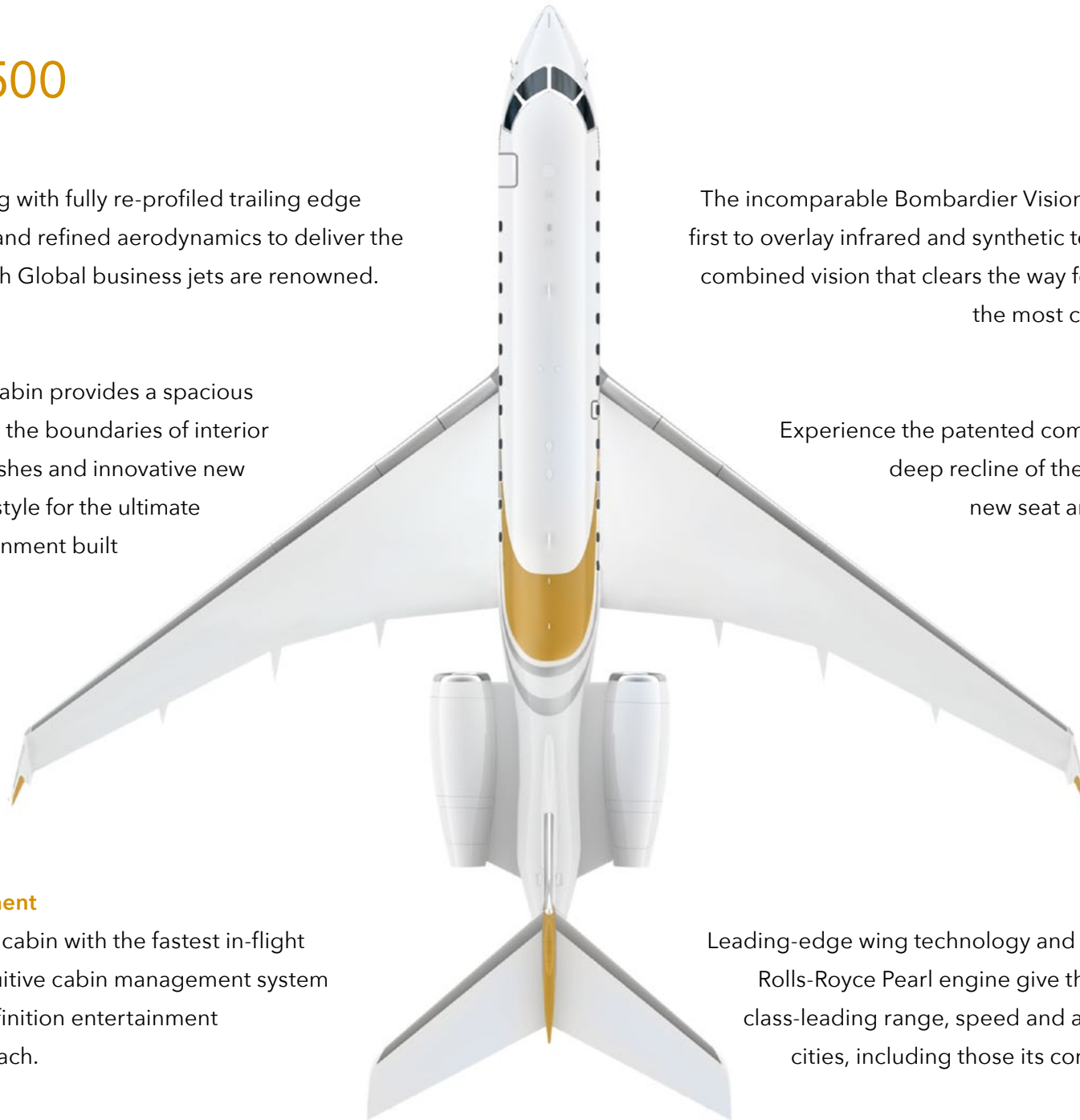
The incomparable Bombardier Vision flight deck is now the first to overlay infrared and synthetic terrain imagery for true combined vision that clears the way for a smooth landing in the most challenging conditions.

Best seat in the house

Experience the patented comfort and revolutionary deep recline of the Nuage seat – the first new seat architecture in business aviation in 30 years.

Longest range

Leading-edge wing technology and the new purpose-built Rolls-Royce Pearl engine give the Global 5500 aircraft class-leading range, speed and agility to connect more cities, including those its competitors can't access.



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
Luton, United Kingdom
Milan, Italy
Nice, France
Olbia, Italy

★ REGIONAL SUPPORT OFFICES

Americas

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

Asia Pacific

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

Europe

Farnborough, United Kingdom
Munich, Germany

Middle East / Africa

Dubai, United Arab Emirates
Johannesburg, South Africa

☆ CUSTOMER RESPONSE CENTRE

Americas

Montreal, Quebec

◇ TRAINING FACILITIES

Americas

Dallas, Texas
Montreal, Quebec

○ AUTHORIZED SERVICE FACILITIES

42 Authorized Service Facilities

◆ PARTS AND COMPONENT REPAIR & OVERHAUL FACILITIES

Americas

Chicago, Illinois
Dallas, Texas
Miami, Florida
Montreal, Quebec
Wichita, Kansas

Asia Pacific

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

Europe

Frankfurt, Germany

Middle East / Africa

Dubai, United Arab Emirates
Johannesburg, South Africa

Technical specifications

GENERAL

CAPACITY

Passengers: Up to 16

ENGINES

Rolls-Royce Pearl engine

Thrust: 15,125 lbf (67.3kN)

Flat rated to ISA + 15°C

AVIONICS

- Bombardier Vision flight deck
- Four large displays
- Combined Vision System (CVS), Head-Up Display (HUD)
- Graphical flight planning, Airport Moving Map (AMM)
- MultiScan weather radar
- ADS-B in
- 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 ⁽¹⁾ | 5,700 nm | 10,556 km |
|------------------------------|----------|-----------|

SPEED

| | | |
|----------------------|--|-------------|
| | | MACH |
| Top speed | | 0.90 |
| High-speed cruise | | 0.88 |
| Typical cruise speed | | 0.85 |

AIRFIELD PERFORMANCE

| | | |
|-------------------------------------|----------|---------|
| Takeoff distance (SL, ISA, MTOW) | 5,490 ft | 1,674 m |
| Landing distance (SL, ISA, typical) | 2,207 ft | 673 m |

OPERATING ALTITUDE

| | | |
|--------------------------------|-----------|----------|
| Maximum operating altitude | 51,000 ft | 15,545 m |
| Initial cruise altitude (MTOW) | 41,000 ft | 12,497 m |

DIMENSIONS

INTERIOR

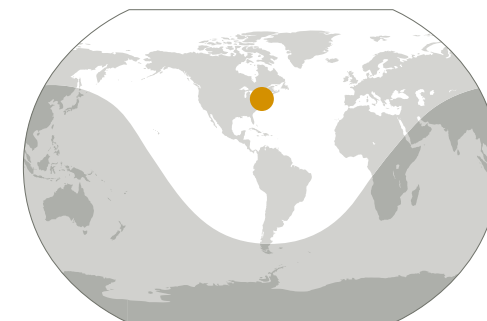
| | | |
|-----------------------------|------------|---------|
| Cabin height | 6 ft 2 in | 1.88 m |
| Cabin width | 7 ft 11 in | 2.41 m |
| Cabin length ⁽²⁾ | 40 ft 9 in | 12.41 m |

EXTERIOR

| | | |
|-----------|-----------------------|---------------------|
| Length | 96 ft 10 in | 29.5 m |
| Wingspan | 94 ft 0 in | 28.7 m |
| Wing area | 1,021 ft ² | 94.8 m ² |
| Height | 25 ft 6 in | 7.8 m |

WEIGHTS

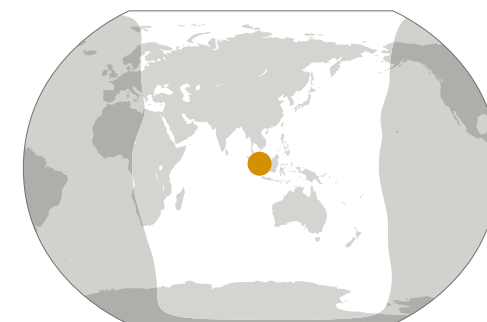
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|--------------------------|-----------|-----------|
| Maximum ramp weight | 92,750 lb | 42,071 kg |
| Maximum takeoff weight | 92,500 lb | 41,957 kg |
| Maximum landing weight | 78,600 lb | 35,652 kg |
| Maximum zero-fuel weight | 58,000 lb | 26,308 kg |
| Basic operating weight | 50,861 lb | 23,070 kg |
| Maximum fuel weight | 39,250 lb | 17,804 kg |
| Maximum payload | 7,139 lb | 3,238 kg |



New York



London

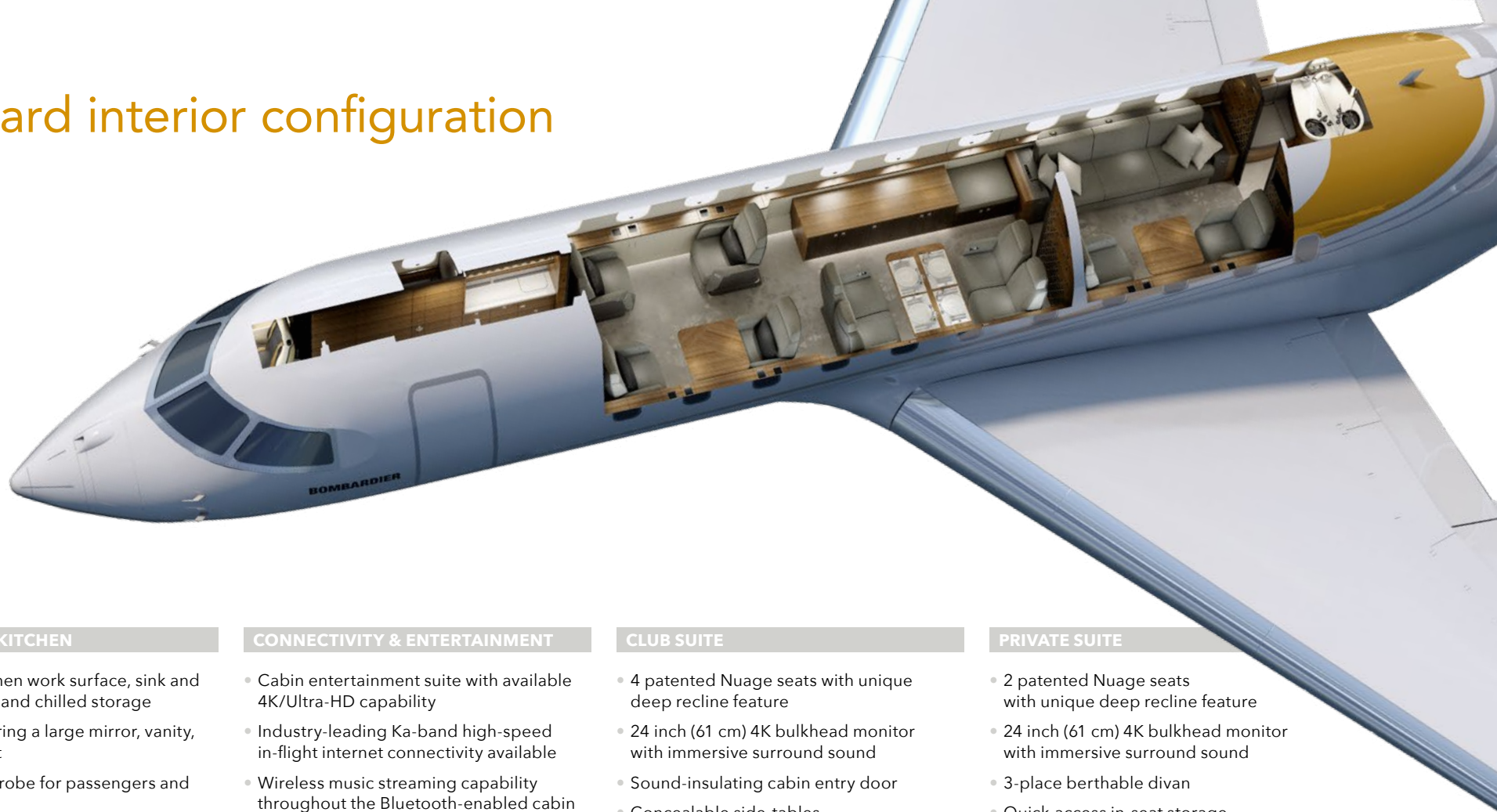


Singapore

(1) Theoretical range with NBAA IFR reserves, ISA, M 0.85, 8 pax/3 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 & KITCHEN

- Generous kitchen work surface, sink and faucet, drawer and chilled storage
- Lavatory featuring a large mirror, vanity, sink and faucet
- Spacious wardrobe for passengers and crew
- 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 in-flight internet connectivity available
- Wireless music streaming capability throughout the Bluetooth-enabled cabin
- Wireless control of cabin environment and entertainment via personal electronic devices

CLUB SUITE

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

EN SUITE

- Lavatory with large window for natural light features a large mirror, vanity, sink and faucet
- Large wardrobe
- Unrestricted and safe access to baggage compartment





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