



## 2018 BOMBARDIER GLOBAL 7000 INTRODUCTORY SPECIFICATION



*Image provided courtesy of Bombardier Inc.*

## FEATURING GLOBAL VISION FLIGHT DECK

### ENQUIRIES

**PETER SMALES**

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AIRCRAFT OVERVIEW

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*Image provided courtesy of Bombardier Inc.*

<b>Aircraft Manufacturer &amp; Model</b>	Bombardier Global 7000
<b>Serial Number &amp; Registration</b>	S/N and Registration TBA
<b>Delivery</b>	2018
<b>Operational Certification Status</b>	EASA EU Ops 1 (JAR Ops 1) / FAR 135 Compliant
<b>Engines</b>	2 x GE Passport™ (formerly TechX) High-Bypass Turbofans
<b>Auxiliary Power Unit</b>	1 x Gas Turbine APU with AC Generator
<b>Price &amp; Payment Schedule</b>	Call Peter Smales +44 (0) 7760 754 991 & +44 (0) 1753 830 363
<b>Highlights</b>	Generously Optioned; EU OPS 1 (JAR Ops 1) Operations; Global Vision Flightdeck; Fuel efficient and low NOx emissions GE Passport™ Engines; EASA compliant configuration and customization changes to basic Spec; Four independently controlled temperature zones serving a four-zone passenger cabin. Designed for 7,300 nm w/10 passengers at Mach 0.85 with a Mach 0.9 high-speed cruise capability; Cabin soundproofing.

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### INTRODUCTION

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<b>Accommodation</b>	Crew (minimum)	Two
	Passengers (typical / maximum)	10 / 19
<b>Engines</b>	Number of Engines	Two
	Manufacturer & Model	General Electric Passport™
	Thrust	16,500 lbs (73.4 kN)
	Maintenance Programme (TBO)	On condition
<b>Mechanical Systems</b>	Featuring	Low fuel burn & low emissions
	Flight Control	Fully powered
	Landing Gear	Tricycle configuration
	Hydraulics	Three independent systems
<b>Fuel System</b>	Tank Configuration	Three wing tanks / 1 aft tank
<b>Electrical System</b>	Number of Engine AC Generators	Two (one per engine)
<b>Environmental Control</b>	Equivalent Cabin Altitude at 51,000 ft	5,674 ft. (1,279 m)
	Independent Temperature Zones	Four
	Avionics Suite	Highly integrated advanced flight deck

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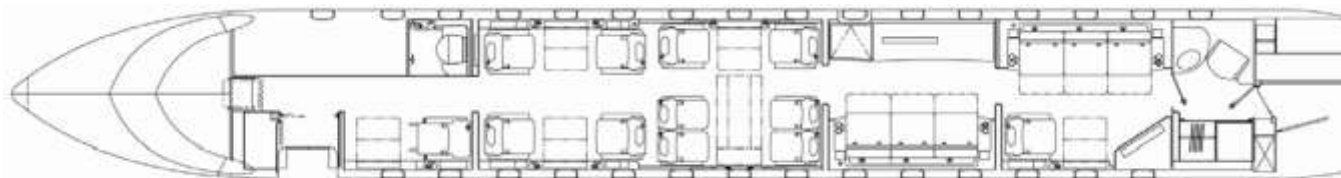
### EXTERIOR DIMENSIONS

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• Length	110.6 ft	33.71 m
• Height	26.7 ft	8.14 m
• Wingspan	104.3 ft	31.79 m
• Max Fuselage Diameter	8.84 ft	2.69 m

### INTERIOR DIMENSIONS (SUBJECT TO FINAL INTERIOR CONFIGURATION)

• Height (maximum)	6.25 ft	1.91 m
• Width (maximum)	8.17 ft	2.49 m
• Length (Cockpit to Aft Bulkhead)	59.6 ft	18.17 m
• Passenger Door Height	6.17 ft	1.88 m
• Passenger Door Width	3.0 ft	0.19 m
• Aft Baggage Useable Volume	195 cu ft	5.5 cu m



*Note. The base floorplan above is only indicative. The final interior configuration can be customized to the buyer's specification.*

### PERFORMANCE

<b>Range Performance</b>	Range (M 0.85 Cruise)	7,300 nm +/- 2%	13,520 km +/- 2%
<b>Flight Characteristics</b>	High Speed Cruise	M 0.90	516 kts
	Typical Cruise	M 0.85	488 kts
	Maximum Operating Altitude	51,000 ft	15,545 m
<b>Take-Off (SL, ISA, MTOW)</b>	Take-Off Field Length	5,950 ft +/- 8%	1,814 m +/- 8%
<b>Landing (SL, MLW)</b>	Actual Landing Distance	2,810 ft +/- 8%	856 m +/- 8%
	Approach Speed (Vref)		133 kts +/- 3%

### CERTIFICATION

- |  |  |
|--|--|
| • TC, FAA & EASA Airworthiness                   | • Day and night operations                         |
| • VFR and IFR conditions                         | • Operations under known icing conditions          |
| • RVSM / DRVSM operations                        | • Category II operations                           |
| • Pressurization for ops to 51,000 ft (15,545 m) | • SL ambient -40°C (-40°F) to +50°C (+122°F)       |
| • EU Ops 1 (JAR Ops 1) Operations <sup>1</sup>   | • Export Certificate of Airworthiness <sup>1</sup> |

*Note 1. Non-standard certification. This factory option will be included if needed.*

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AVIONICS

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The aircraft is equipped with an advanced technology avionics suite. These displays are laid out in a T-configuration for better crew resource management. Each of the displays can be utilized in a manner that allows multi-tasking of the display surface area. The following functions are provided:

- Flight Management System (FMS)
- Synthetic Vision System (SVS)
- Integrated Flight Information System (IFIS)
- Nav/Surveillance Sensors (GPS, VHF, ADF, DME)
- Transponders
- Paperless Operation
- Integrated Electronic Standby Instrument
- Onboard Maintenance System (OMS)
- Head-Up Flight Display (HUD) System
- Terrain Awareness Warning System (TAWS)
- TCAS II featuring ADS-B & TIS-B
- Radio Altimeter
- Electronic Flight Bag (EFB)
- Air Data System (ADS)

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### AVIONICS (CONTINUED...)

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- Weather Radar
- Windshear Detection and Escape Guidance
- Automatic Flight Control System (AFCS)
- Flight Guidance & Autopilot
- Electronic Flight Instrument System (EFIS)
- Emergency Locator Transmitter (ELT)
- Flight Data Recorder (FDR)
- Quick Access Recorder (QAR)<sup>1</sup>
- Triple VHF Communications System
- Dual SELCAL System
- Inertial Reference System (IRS)
- Optional Surface Management System (SMS)
- Engine Indication & Crew Alerting System (EICAS)
- Autothrottle
- Cockpit Voice Recorder (CVR)
- CVR Independent Power Supply (RIPS)
- FDR Underwater Location Device (ULD)
- Triple Digital Audio System
- HF Communications System
- Datalink (inc. Modes A & 2, FANS & CPDLC)

*Note 1. Non-standard equipment. This factory option will be included if needed.*

### WEIGHT & BALANCE<sup>2</sup>

• Maximum Ramp Gross Weight	106,500 lb	48,308 kg
• Maximum Take-Off Gross Weight	106,250 lb	48,194 kg
• Maximum Landing Gross Weight	85,800 lb	38,918 kg
• Maximum Zero Fuel Gross Weight	62,500 lb	28,350 kg
• Standard Basic Operating Weight <sup>3</sup>	56,800 lb	25,764 kg
• Fuel	47,450 lb	21,523 kg
• Typical Payload <sup>3</sup>	2,250 lb	1,021 kg

*Note 2. All weights tabled above are within a +/- 2% of the quoted values.*

*Note 3. Basic operating weight and payload figures tabled above will vary subject to final interior configuration.*

### CABIN ENTRANCE

The basic aircraft, subject to customer reconfiguration, is configured with an entrance/working area (comprising a mixed working space for cabin crew with features for use by passengers) with lavatory, four distinct passenger cabin seating zones, a large aft lavatory and a 195 cubic foot baggage compartment:

- LHS Wardrobe w/Storage Space (inc. Jumpseat) & Emergency Oxygen
- RHS Galley w/Storage (inc. Chilled), Sink, Faucet & Work Surface
- RHS Lavatory w/ Vacuum Toilet, Sink & Faucet
- LHS Crew Rest w/16G Single Seat w/Recline & Berthing Capability
- Side Ledge w/Stowable Table, Cup Holders & Cabin Amenities
- PSU Overhead Amenities inc. Lighting & Emergency Oxygen

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### PASSENGER CABIN – ZONE 1

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- Four 16G Seats w/Recline & Berthing Capability
- LHS & RHS Side Ledge, each w/Table, Storage & Cabin Amenities
- PSU Overhead Amenities inc. Lighting & Emergency Oxygen

### PASSENGER CABIN – ZONE 2

- Two RHS 16G Seats w/Recline & Berthing Capability
- RHS Side Ledge, w/Pull-Out Table, Cup Holders & Cabin Amenities
- LHS 4-Place 16G Conference Seating
- LHS Hi-Lo Conference Table
- PSU Overhead Amenities inc. Lighting & Emergency Oxygen

### PASSENGER CABIN – ZONE 3

- RHS Low Storage Cabinet inboard of Emergency Exit
- RHS Credenza w/Storage & Entertainment Monitor
- LHS 3-Place 16G Divan inc. Storage, Cup Holders & Cabin Amenities
- PSU Overhead Amenities inc. Lighting & Emergency Oxygen

### PASSENGER CABIN – ZONE 4

- LHS 16G Single Seat w/Recline & Berthing Capability
- Side Ledge, w/Pull-Out Table, Cup Holders & Cabin Amenities
- LHS Angled Entertainment Cabinet w/Monitor, Equipment & Storage
- RHS 3-Place 16G Divan inc. Storage, Cup Holders & Cabin Amenities
- PSU Overhead Amenities inc. Lighting & Emergency Oxygen

### AFT LAVATORY

- Vacuum Toilet System
- Sink, Faucet and Mirror w/Lighting
- Vanity w/Storage
- LHS Wardrobe for additional Storage

### BAGGAGE COMPARTMENT

- 195 Cubic Feet of useable Baggage Compartment

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### BASELINE CABIN EQUIPMENT

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- State of the Art Interior Lighting System
- Interior Communication System
- Electric Cabin Window Shades
- Two HD Bulkhead Monitors
- Audio/Video Capability
- Crew Noise Cancelling Headsets
- HD Plug-In Screen Monitor or equivalent
- Next Generation High Speed Connectivity

### TRAINING PACKAGE

- Aircraft initial type familiarisation for four qualified pilots
- HUD/EVS operational training for four qualified pilots
- TC / EASA B1 initial type ground maintenance training for two mechanics
- Emergency training procedures for two Flight Attendants
- Operational training for two on customer-selected interior features/options
- Familiarization training for four on customer-selected interior features/options

### WARRANTY

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• Airframe Primary Metal Structures (Fuselage/Wings/Stabilizers)	20,000 Hours	240 Months
• Aircraft	5,000 Hours	60 Months
• Enhanced Vision System (Sensor)	2,000 Hours	60 Months
• Enhanced Vision System (Glass)	3,000 Hours	60 Months
• Completion Softgoods	2,000 Hours	24 Months
• Metallic and/or Other Specialty Paint	N/A	90 Days
• Engines	TBC	TBC
• Auxiliary Power Unit	TBC	TBC



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GLOBAL CONNECTIONS

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With 10 passengers the Global 7000 will fly 7,300nm (13,520km) non-stop, on a single flight connecting such as London with Singapore, Beijing with Washington, Moscow with Perth and New York with Dubai.

## ENQUIRIES

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