A true executive office for the skies, it is the definitive, super-midsize corporate jet, and the first clean sheet design to satisfy customer needs unmet by any other aircraft. A sophisticated and extremely comfortable transcontinental high-performance jet, the rugged and refined Bombardier-Challenger 300 was built to provide outstanding reliability and maintain its unsurpassed value over time.

- Best performance and value in its class
- ‘Market-designed’ cabin functionality and flexibility
- Supreme reliability, built for long-term service

**General**

**Capacity**
- Crew: 2
- Typical seating: 8 to 9 (Double club configuration)

**Engines**
- Honeywell HTF7000 turbofans
- Thrust: 6,826 lb (30.4 kN)
- Flat rated to: ISA + 15°C (30°C / 86°F)

**Avionics**
- Rockwell Collins Pro Line 21 system with four LCD displays
- Engine Instrument/Crew Alerting System (EICAS)
- Maintenance Diagnostics Computer
- Enhanced Ground Proximity Warning System (EGPWS)
- Traffic Collision Avoidance System (TCAS II)
- Emergency Locator Transmitter (ELT)

**Performance**

**Range**
- Maximum range:
  - 3,100 NM
  - 3,568 SM
  - 5,741 km
- (Standard BOW, NBAA IFR Reserves, ISA with 8 pax/2 crew and maximum allowable fuel)

<table>
<thead>
<tr>
<th>Speed</th>
<th>Mach</th>
<th>kt</th>
<th>mph</th>
<th>km/h</th>
</tr>
</thead>
<tbody>
<tr>
<td>High-speed</td>
<td>0.82</td>
<td>470</td>
<td>541</td>
<td>870</td>
</tr>
<tr>
<td>Typical cruise speed</td>
<td>0.80</td>
<td>459</td>
<td>528</td>
<td>850</td>
</tr>
</tbody>
</table>

**Airfield Performance**
- Takeoff distance (SL, ISA, MTOW): 4,810 ft (1,466 m)
- Landing distance (SL, ISA, MLW): 2,600 ft (792 m)

**Operating Altitude**
- Maximum operating altitude: 45,000 ft (13,716 m)
- Initial cruise altitude (MGTOW): 41,000 ft (12,496 m)

**Dimensions**

**Exterior**
- Length: 68.63 ft (20.92 m)
- Wingspan: 63.84 ft (19.46 m)
- Wing area: 522 ft² (48.50 m²)
- Height overall: 20.33 ft (6.20 m)

**Interior**
- Cabin length: 28.6 ft (8.72 m)
- (from cockpit divider to end of pressurized compartment)
- Cabin width: 5.08 ft (1.55 m)
- (floorline)
- Cabin height: 6.08 ft (1.85 m)
- Floor area: 146 ft² (13.56 m²)
- (excluding cockpit)
- Cabin volume: 860 ft³ (24.35 m³)
- (excluding cockpit and baggage)

**Weights**
- A. Maximum ramp weight: 39,000 lb (17,690 kg)
- B. Maximum takeoff weight: 38,850 lb (17,622 kg)
- C. Maximum landing weight: 33,750 lb (15,309 kg)
- D. Maximum zero fuel weight: 27,000 lb (12,247 kg)
- E. Standard basic operating weight*: 23,500 lb (10,659 kg)
- F. Maximum fuel weight: 14,150 lb (6,418 kg)
- Maximum payload (D-E): 3,500 lb (1,588 kg)
- Payload - maximum fuel (A-E-F): 1,350 lb (612 kg)
- Fuel with maximum payload: 12,000 lb (5,443 kg)

* Includes interior, paint, 2 crew + operating items.