# CRJ550

## GENERAL

<table>
<thead>
<tr>
<th>Flight Crew</th>
<th>Cabin Crew</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>1 to 2</td>
</tr>
<tr>
<td>Same type rating across CRJ family</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Passengers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Triple Class 50 Passengers (42/34/30 in. pitch)</td>
</tr>
</tbody>
</table>

## AVIONICS INFO*

- Rockwell Collins Pro Line 4 with six-screen EFIS/EICAS
- Traffic alert & collision avoidance system (TCAS) v7.1
- Capabilities: Coupled VNAV, SBAS/WAAS, LPV, RNP 0.3, Link 2000+, ADS-B Out

## ENGINE

2 GE CF34-8C5B1 turbofans

- Thrust: 12,670 lbf. / 56.4 kN at takeoff
- Flat Rating: 13,790 lbf. / 61.3 kN thrust APR

## PERFORMANCE

- Range: 1,000 NM, 1,151 SM, 1,852 km
- Speed: 0.825 Mach, 473 kts, 544 mph, 876 km/h
- Normal Cruise Speed: 0.78 Mach, 447 kts, 515 mph, 829 km/h

## EXTERNAL DIMENSIONS

- Length: 106 ft. 1 in. / 32.3 m
- Wing Area (net): 760 ft.² / 70.6 m²
- Fuselage Max Diameter: 8 ft. 10 in. / 2.7 m
- Wingspan: 76 ft. 3 in. / 23.2 m
- Height: 24 ft. 10 in. / 7.6 m

## INTERNAL DIMENSIONS

- Cabin Length: 56 ft. 7 in. / 17.25 m
- Cabin Width (Floor Level): 7 ft. 1 in. / 2.16 m
- Cabin Volume: 2,430 ft.³ / 68.81 m³
- Cabin Max Width (Centreline): 8 ft. 4 in. / 2.55 m
- Cabin Aisle Height: 6 ft. 2 in. / 1.89 m
- Overhead Bin Volume per Pax.: 2.8 ft.³ / 0.08 m³
- Cargo Volume: 547 ft.³ / 15.5 m³
- Cargo Weight: 5,375 lb. / 2,438 kg

## WEIGHT

- Maximum Ramp Weight: 66,000 lb. / 29,937 kg
- Maximum Takeoff Weight: 65,000 lb. / 29,484 kg
- Maximum Landing Weight: 61,000 lb. / 27,670 kg
- Maximum Zero Fuel Weight: 59,000 lb. / 26,762 kg
- Maximum Payload: 15,545 lb. / 7,051 kg

## DOORS & EXITS

- Passenger Door LH FWD
- Height: 5 ft. 10 in. / 1.78 m
- Width: 3 ft. / 0.91 m
- Height to Sill: 5 ft. 8 in. / 1.73 m
- Cargo Door LH AFT LH FWD (1 Door)
- Height: 2 ft. 9 in. / 0.84 m
- Width: 3 ft. 7 in. / 1.09 m
- Height to Sill: 7 ft. 7 in. / 2.31 m
- Service Door RH FWD
- Height: 2 ft. / 0.61 m
- Height to Sill: 5 ft. 8 in. / 1.73 m
- Overwing Exits LH / RH
- Height: 3 ft. 7 in. / 1.09 m
- Width: 1 ft. 8 in. / 0.51 m

## CEILING

- Maximum Operating Altitude: 41,000 ft. / 12,497 m

## NOISE LEVEL**

- Flyover: 78.6 EPNdB
- Approach: 92.4 EPNdB
- Lateral: 89.7 EPNdB
- Margin to Stage 4: 10.3 EPNdB

## EMISSIONS (MARGINS TO CAEP6)

- NOx: 28.8%
- UHC (Unburned Hydrocarbons): 97.2%
- CO: 60.5%
- Smoke: 75.9%

## * Some features optional

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