

MOVE THE WORLD FORWARD MITSUBISHI  
HEAVY  
INDUSTRIES  
GROUP



**WORLD LEADER**



**CRJ Series**

**MHIRJ**

# CRJ550

## GENERAL

<b>Flight Crew</b>	<b>Cabin Crew</b>
2	1 to 2
Same type rating across CRJ family	

<b>Passengers</b>	
Triple Class	50 Passengers (42/34/30 in. pitch)

## 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

<b>2 GE CF34-8C5B1 turbofans</b>
<b>Thrust</b>
12,670 lbf. / 56.4 kN at takeoff 13,790 lbf. / 61.3 kN thrust APR
<b>Flat Rating</b>
ISA + 15.0°C

## PERFORMANCE

<b>Range (225 lb. / 102 kg per pax.)</b>			
	1,000 NM	1,151 SM	1,852 km
<b>Speed</b>			
Maximum Cruise Speed:	473 kts	544 mph	876 km/h
Normal Cruise Speed:	447 kts	515 mph	829 km/h
<b>Takeoff Field Length (ISA, SL, MTOW)</b>			
	4,056 ft.	1,236 m	
<b>Landing Field Length (ISA, SL, MLW)</b>			
	4,710 ft.	1,436 m	

## CEILING

<b>Maximum Operating Altitude</b>
41,000 ft. / 12,497 m

## NOISE LEVEL\*\*

<b>Flyover</b>	<b>Lateral</b>
78.6 EPNdB	89.7 EPNdB
<b>Approach</b>	<b>Margin to Stage 4</b>
92.4 EPNdB	10.3 EPNdB

## EMISSIONS (MARGINS TO CAEP6)

<b>NOx</b>	<b>Smoke</b>
28.8%	75.9%
<b>UHC (Unburned Hydrocarbons)</b>	<b>CO</b>
97.2%	60.5%

## EXTERNAL DIMENSIONS

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

## INTERNAL DIMENSIONS

<b>Cabin Length</b>	<b>Cabin Max Width (Centreline)</b>
56 ft. 7 in. / 17.25 m	8 ft. 4 in. / 2.55 m
<b>Cabin Width (Floor Level)</b>	<b>Cabin Aisle Height</b>
7 ft. 1 in. / 2.16 m	6 ft. 2 in. / 1.89 m
<b>Cabin Volume</b>	<b>Overhead Bin Volume per Pax.</b>
2,430 ft. <sup>3</sup> / 68.81 m <sup>3</sup>	2.8 ft. <sup>3</sup> / 0.08 m <sup>3</sup>
<b>Cargo Volume</b>	<b>Floor Area</b>
547 ft. <sup>3</sup> / 15.5 m <sup>3</sup>	414 ft. <sup>2</sup> / 38.5 m <sup>2</sup>

## DOORS & EXITS

<b>Passenger Door</b>	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	
<b>Cargo Door</b>	LH AFT	LH FWD (1 Door)
Height	2 ft. 9 in. / 0.84 m	1 ft. 8 in. / 0.51 m
Width	3 ft. 7 in. / 1.09 m	3 ft. 6 in. / 1.07 m
Height to Sill	7 ft. 7 in. / 2.31 m	4 ft. 3 in. / 1.28 m
<b>Service Door</b>	RH FWD	
Height	4 ft. / 1.22 m	
Width	2 ft. / 0.61 m	
Height to Sill	5 ft. 8 in. / 1.73 m	
<b>Overwing Exits</b>	LH / RH	
Height	3 ft. 7 in. / 1.09 m	
Width	1 ft. 8 in. / 0.51 m	

## WEIGHT

<b>Maximum Ramp Weight</b>	66,000 lb. / 29,937 kg
<b>Maximum Takeoff Weight</b>	65,000 lb. / 29,484 kg
<b>Maximum Landing Weight</b>	61,000 lb. / 27,670 kg
<b>Maximum Zero Fuel Weight</b>	59,000 lb. / 26,762 kg
<b>Maximum Payload</b>	15,545 lb. / 7,051 kg
<b>Cargo Weight</b>	5,375 lb. / 2,438 kg



**MHIRJ Group**  
mhjrj.com



Scan to be taken to the CRJ Series on the new MHIRJ website

\* Some features optional  
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