



ICAO Noise Data Base

ID: BOMBARDIER_10498

MANUFACTURER AND MANUFACTURER'S DESIGNATION OF AIRCRAFT

Manufacturer BOMBARDIER
 Commercial name
 Type CL-600-2D24 Version CRJ900

ENGINE

Type CF34-8C5
 Number of Engines 2
 Nacelle short duct
 Propeller
 Thrust (Sea Level Static) 59.50 kN
 ByPass Ratio(SLS) 5.0
 Maximum Take-Off Mass 37995 (Kg) Slats/Flaps /10
 Maximum Landing Mass 34065 (Kg) Slats/Flaps /45

NOISE CERTIFICATION STANDARD

Noise Regulation ICAO Annex 16, Volume I
 Chapter or Stage 4

MODIFICATIONS

	Aircraft	Engine
Modification Number		
Modification Description	Enhanced performance	chevron nozzles

	Lateral/Full-Power	Approach	Flyover
Noise Level (EPNdB)	89.1	92.4	83.6
Noise Limit (EPNdB)	94.3	98.3	89
Margin (EPNdB)	5.2	5.9	5.4

Cumulative Margin (EPNdB) 16.50

Remarks Dossier n° RAU-BA690-133 issue C

Date of Certification /03/05 Certification Authority TCA