



ICAO Noise Data Base

ID: BOMBARDIER_10411

MANUFACTURER AND MANUFACTURER'S DESIGNATION OF AIRCRAFT

Manufacturer BOMBARDIER
 Commercial name
 Type CL-600-1A11 Version Challenger 600

ENGINE

Type ALF-502L
 Number of Engines 2
 Nacelle long duct
 Propeller
 Thrust (Sea Level Static) 33.40 kN
 ByPass Ratio(SLS) 5.0
 Maximum Take-Off Mass 16329 (Kg) Slats/Flaps /20
 Maximum Landing Mass 14968 (Kg) Slats/Flaps /45

NOISE CERTIFICATION STANDARD

Noise Regulation FAA FAR Part 36
 Chapter or Stage 3

MODIFICATIONS

	Aircraft	Engine
Modification Number		
Modification Description		

	Lateral/Full-Power	Approach	Flyover
Noise Level (EPNdB)	87.5	91.6	81.6
Noise Limit (EPNdB)	94	98	89
Margin (EPNdB)	6.5	6.4	7.4

Cumulative Margin (EPNdB) 20.30

Remarks Dossier n° RAY-600-106 issue B

Date of Certification /08/80 Certification Authority TCA