



# ICAO Noise Data Base

ID:BOMBARDIER\_10415

## MANUFACTURER AND MANUFACTURER'S DESIGNATION OF AIRCRAFT

Manufacturer BOMBARDIER  
 Commercial name  
 Type CL-600-2A12 Version Challenger 601

## ENGINE

Type CF34-1A  
 Number of Engines 2  
 Nacelle short duct  
 Propeller  
 Thrust (Sea Level Static) 38.50 kN  
 ByPass Ratio(SLS) 6.3  
 Maximum Take-Off Mass 19096 (Kg) Slats/Flaps /20  
 Maximum Landing Mass 16329 (Kg) Slats/Flaps /45

## NOISE CERTIFICATION STANDARD

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

## MODIFICATIONS

	Aircraft	Engine
Modification Number	SB 601-0638	
Modification Description	Compliance with Chapter 4	

	Lateral/Full-Power	Approach	Flyover
Noise Level (EPNdB)	83.9	91.2	79.8
Noise Limit (EPNdB)	94	98	89
Margin (EPNdB)	10.1	6.8	9.2

Cumulative Margin (EPNdB) 26.10

Remarks Dossier n° RAU-601-119 issue F

Date of Certification /05/14 Certification Authority TCA