



# ICAO Noise Data Base

ID: BOMBARDIER\_10378

## MANUFACTURER AND MANUFACTURER'S DESIGNATION OF AIRCRAFT

Manufacturer C Series Aircraft Limited Partnership  
 Commercial name  
 Type BD-500-1A11 Version CS300

## ENGINE

Type PW1521G-3  
 Number of Engines 2  
 Nacelle standard  
 Propeller  
 Thrust (Sea Level Static) 93.30 kN  
 ByPass Ratio(SLS) 12.0  
 Maximum Take-Off Mass 59000 (Kg) Slats/Flaps /10  
 Maximum Landing Mass 58740 (Kg) Slats/Flaps /37

## NOISE CERTIFICATION STANDARD

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

## MODIFICATIONS

	Aircraft	Engine
Modification Number		
Modification Description		

	Lateral/Full-Power	Approach	Flyover
Noise Level (EPNdB)	86.9	92.4	79.4
Noise Limit (EPNdB)	95.9	99.8	90.2
Margin (EPNdB)	9	7.4	10.8

Cumulative Margin (EPNdB) 27.20

Remarks Dossier n° RVA-BA503-100 issue B

Date of Certification /04/17 Certification Authority TCA