



ICAO Noise Data Base

ID: BOMBARDIER_10371

MANUFACTURER AND MANUFACTURER'S DESIGNATION OF AIRCRAFT

Manufacturer BOMBARDIER
 Commercial name
 Type BD-100-1A10 Version Challenger 300

ENGINE

Type AS907-1-1A
 Number of Engines 2
 Nacelle standard
 Propeller
 Thrust (Sea Level Static) 30.90 kN
 ByPass Ratio(SLS) 4.2
 Maximum Take-Off Mass 17463 (Kg) Slats/Flaps /10
 Maximum Landing Mass 15309 (Kg) Slats/Flaps /30

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)	87.6	89.6	75.3
Noise Limit (EPNdB)	94	98	89
Margin (EPNdB)	6.4	8.4	13.7

Cumulative Margin (EPNdB) 28.50

Remarks Dossier n° RAU-BA100-120 issue --

Date of Certification /03/03 Certification Authority TCA