



ICAO Noise Data Base

ID:BOMBARDIER_10144

MANUFACTURER AND MANUFACTURER'S DESIGNATION OF AIRCRAFT

Manufacturer BOMBARDIER
 Commercial name
 Type DHC-8 Version Dash 8 -Q 102

ENGINE

Type PWC 120A
 Number of Engines 2
 Nacelle
 Propeller HS 14SF-7
 Power 1491.40 kW
 Number of blades
 Maximum Take-Off Mass 15649 (Kg) Slats/Flaps /15
 Maximum Landing Mass 15377 (Kg) Slats/Flaps /25

NOISE CERTIFICATION STANDARD

Noise Regulation ICAO Annex 16, Volume I
 Chapter or Stage 3

MODIFICATIONS

	Aircraft	Engine
Modification Number		
Modification Description		

	Lateral/Full-Power	Approach	Flyover
Noise Level (EPNdB)	86.3	94.8	80.8
Noise Limit (EPNdB)	94	98	89
Margin (EPNdB)	7.7	3.2	8.2

Cumulative Margin (EPNdB) 19.10

Remarks Dossier n° 8.8.AC.1 Sec 6 issue 1

Date of Certification /06/86 Certification Authority TCA