



# ICAO Noise Data Base

ID: BOMBARDIER\_10265

## MANUFACTURER AND MANUFACTURER'S DESIGNATION OF AIRCRAFT

Manufacturer BOMBARDIER  
 Commercial name  
 Type DHC-8 Version Dash 8 -Q 301

## ENGINE

Type PWC 123  
 Number of Engines 2  
 Nacelle  
 Propeller HS 14SF-23/-15  
 Power 1774.80 kW  
 Number of blades  
 Maximum Take-Off Mass 18643 (Kg) Slats/Flaps /5  
 Maximum Landing Mass 18144 (Kg) Slats/Flaps /15

## 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)	87.4	98.9	84.3
Noise Limit (EPNdB)	94	98	89
Margin (EPNdB)	6.6	-0.9	4.7

Cumulative Margin (EPNdB) 10.40

Remarks Dossier n° 8.8.AC.1 Sec 301 issue 1

Date of Certification /02/89 Certification Authority TCA