



# ICAO Noise Data Base

ID:BOMBARDIER\_10514

## MANUFACTURER AND MANUFACTURER'S DESIGNATION OF AIRCRAFT

Manufacturer VIKING Air  
Commercial name  
Type DHC-7 Version Dash 7- 1

## ENGINE

Type PT6A-50  
Number of Engines 4  
Nacelle  
Propeller HS 24 PF-305  
Power 835.20 kW  
Number of blades  
Maximum Take-Off Mass 18597 (Kg) Slats/Flaps /25  
Maximum Landing Mass 17690 (Kg) Slats/Flaps /25

## NOISE CERTIFICATION STANDARD

Noise Regulation FAA FAR Part 36  
Chapter or Stage 3

## MODIFICATIONS

	Aircraft	Engine
Modification Number		
Modification Description		

	Lateral/Full-Power	Approach	Flyover
Noise Level (EPNdB)	82.8	92.1	79.6
Noise Limit (EPNdB)	94	98	89
Margin (EPNdB)	11.2	5.9	9.4

Cumulative Margin (EPNdB) 26.50

Remarks Dossier n° 7.8.AC.1 issue 1

Date of Certification /04/77 Certification Authority TCA