



# ICAO Noise Data Base

ID:BAE\_10063

## MANUFACTURER AND MANUFACTURER'S DESIGNATION OF AIRCRAFT

Manufacturer BAE Systems  
 Commercial name  
 Type AVRO 146 Version RJ100

## ENGINE

Type LF507-1F  
 Number of Engines 4  
 Nacelle  
 Propeller  
 Thrust (Sea Level Static) 31.60 kN  
 ByPass Ratio(SLS) 5.2  
 Maximum Take-Off Mass 46039 (Kg) Slats/Flaps /18  
 Maximum Landing Mass 40142 (Kg) Slats/Flaps /33

## 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)	88.1	97.6	86.1
Noise Limit (EPNdB)	95	98.9	93.8
Margin (EPNdB)	6.9	1.3	7.7

Cumulative Margin (EPNdB) 15.90

Remarks EASA record Id A2043

Date of Certification 06/07/93 Certification Authority EASA