



ICAO Noise Data Base

ID:LEARJET_10017

MANUFACTURER AND MANUFACTURER'S DESIGNATION OF AIRCRAFT

Manufacturer BOMBARDIER
 Commercial name
 Type Learjet 55C Version

ENGINE

Type TFE 731-3AR-3B1
 Number of Engines 2
 Nacelle long duct
 Propeller
 Thrust (Sea Level Static) 17.30 kN
 ByPass Ratio(SLS) 2.8
 Maximum Take-Off Mass 9752 (Kg) Slats/Flaps 0/20
 Maximum Landing Mass 8165 (Kg) Slats/Flaps 0/40

NOISE CERTIFICATION STANDARD

Noise Regulation ICAO Annex 16, Volume I/FAA FAR Part 36/AM516
 Chapter or Stage 3

MODIFICATIONS

	Aircraft	Engine
Modification Number		
Modification Description		

	Lateral/Full-Power	Approach	Flyover
Noise Level (EPNdB)	90.9	92.4	86.7
Noise Limit (EPNdB)	94	98	89
Margin (EPNdB)	3.1	5.6	2.3

Cumulative Margin (EPNdB) 11.00

Remarks Flyover at full power, Dossier n° BBN4539

Date of Certification /12/88 Certification Authority FAA/TCA