



ICAO Noise Data Base

ID: LEARJET_10030

MANUFACTURER AND MANUFACTURER'S DESIGNATION OF AIRCRAFT

Manufacturer BOMBARDIER
 Commercial name
 Type Learjet 70 Version

ENGINE

Type TFE731-40BR-1B
 Number of Engines 2
 Nacelle long duct
 Propeller
 Thrust (Sea Level Static) 17.10 kN
 ByPass Ratio(SLS) 3.1
 Maximum Take-Off Mass 9752 (Kg) Slats/Flaps 0/8
 Maximum Landing Mass 8709 (Kg) Slats/Flaps 0/40

NOISE CERTIFICATION STANDARD

Noise Regulation ICAO Annex 16, Volume I, Appendix 2, Amendment 9, FAA 14 CFR Part 36, Appendix B, Amendment 4
 Chapter or Stage 4

MODIFICATIONS

	Aircraft	Engine
Modification Number		
Modification Description		

	Lateral/Full-Power	Approach	Flyover
Noise Level (EPNdB)	87.4	93.4	74.3
Noise Limit (EPNdB)	94	98	89
Margin (EPNdB)	6.6	4.6	14.7

Cumulative Margin (EPNdB) 25.90

Remarks Flyover at cut-back power, LJ Vendor AAAI Report 1428

Date of Certification 13/11/13 Certification Authority FAA/TCA/EASA