



ICAO Noise Data Base

ID:LEARJET_10023

MANUFACTURER AND MANUFACTURER'S DESIGNATION OF AIRCRAFT

Manufacturer BOMBARDIER
Commercial name
Type Learjet 40 Version

ENGINE

Type TFE731-20AR-1B
Number of Engines 2
Nacelle long duct
Propeller
Thrust (Sea Level Static) 16.20 kN
ByPass Ratio(SLS) 3.1
Maximum Take-Off Mass 9231 (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 7, 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)	85.1	93.4	73.7
Noise Limit (EPNdB)	94	98	89
Margin (EPNdB)	8.9	4.6	15.3

Cumulative Margin (EPNdB) **28.80**

Remarks Flyover at cut-back power, LJ Vendor AAAI Report 1407

Date of Certification 11/07/03 Certification Authority FAA/TCA/EASA