



ICAO Noise Data Base

ID:LEARJET_10001

MANUFACTURER AND MANUFACTURER'S DESIGNATION OF AIRCRAFT

Manufacturer BOMBARDIER
 Commercial name
 Type Learjet 35A/36A (C-21A) Version

ENGINE

Type TFE 731-2-2B
 Number of Engines 2
 Nacelle long duct
 Propeller
 Thrust (Sea Level Static) 15.60 kN
 ByPass Ratio(SLS) 2.6
 Maximum Take-Off Mass 8165 (Kg) Slats/Flaps 0/8
 Maximum Landing Mass 6486 (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)	87.4	91.3	83.6
Noise Limit (EPNdB)	94	98	89
Margin (EPNdB)	6.6	6.7	5.4

Cumulative Margin (EPNdB) 18.70

Remarks Flyover at full power for Learjet 35A, Dossier n° OOPR16

Date of Certification /04/76 Certification Authority FAA/TCA