



ICAO Noise Data Base

ID:DASSAULT_10007

MANUFACTURER AND MANUFACTURER'S DESIGNATION OF AIRCRAFT

Manufacturer DASSAULT-AVIATION
 Commercial name
 Type Falcon 50 Version -

ENGINE

Type TFE731-3(-1C)
 Number of Engines 3
 Nacelle
 Propeller
 Thrust (Sea Level Static) 16.50 kN
 ByPass Ratio(SLS) 2.8
 Maximum Take-Off Mass 18500 (Kg) Slats/Flaps 20-30/20
 Maximum Landing Mass 16200 (Kg) Slats/Flaps 20-30/48

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)	91.5	97.1	84.8
Noise Limit (EPNdB)	94	98	89
Margin (EPNdB)	2.5	0.9	4.2

Cumulative Margin (EPNdB) 7.60

Remarks Dossier n° DGT 25.468, EASA record Id A3794

Date of Certification 17/12/84 Certification Authority EASA