



ICAO Noise Data Base

ID:GULFSTREAM_10084

MANUFACTURER AND MANUFACTURER'S DESIGNATION OF AIRCRAFT

Manufacturer GULFSTREAM
 Commercial name
 Type GVII Version G500

ENGINE

Type PW800-GA814
 Number of Engines 2
 Nacelle
 Propeller
 Thrust (Sea Level Static) 68.60 kN
 ByPass Ratio(SLS) 5.9
 Maximum Take-Off Mass 36105 (Kg) Slats/Flaps 0/10
 Maximum Landing Mass 29188 (Kg) Slats/Flaps 0/39

NOISE CERTIFICATION STANDARD

Noise Regulation FAA FAR Part 36
 Chapter or Stage 5

MODIFICATIONS

	Aircraft	Engine
Modification Number		
Modification Description		

	Lateral/Full-Power	Approach	Flyover
Noise Level (EPNdB)	87.4	91	75.5
Noise Limit (EPNdB)	94.1	98.1	89
Margin (EPNdB)	6.7	7.1	13.5

Cumulative Margin (EPNdB) 27.30

Remarks -

Date of Certification 20/07/18 Certification Authority FAA