

Every Eclipse 500 is Delivered Green

The Eclipse 500 Eliminates the Noise About Noise Pollution.

Today jets are perceived as the rudest, most noise polluting aircraft at your airport. However, by emitting noise levels well below those set by stage 4 requirements, the Eclipse 500 shatters this perception.

The Eclipse 500 is so quiet your neighbors will welcome you with open ears.

Stage 4 Noise Compliance

Measured in EPNdB

Cumulative:

Stage 4 Requirement 271
Eclipse 500 230

Flyover (Takeoff):
Stage 4 Requirement 87
Eclipse 500 69.2

Lateral (Sideline):
Stage 4 Requirement 98
Eclipse 500 78.9

Approach:
Stage 4 Requirement 96
Eclipse 500 81.9

Click here to see why the twin-turbofan Eclipse 500 is the quietest airplane among its peers.

Common Noises

dBA

Firecracker	150
Ambulance	120
Rock Concert	110
Motorcycle	95
Heavy City Traffic	85
Normal Conversation	60
Eclipse 500 at Takeoff	54.9

Source: League for the Hard of Hearing

[Learn more about the noise measurements.](#)

An Eclipse 500 will have a huge impact on your life.
Not your planet.

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Measurement Locations and Levels (Measured in EPNdB)

[Close](#)

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Stage 4 Requirements

Measured in

Cumulatively

Stage 4 Requirements

Eclipse 500

Airplane Noise Comparisons

	Single Engine			Twin Engines			Jets			
	Eclipse 500	Cessna 206H	Cirrus SR22	Cessna Caravan	Cessna 421C	Baron 58	KingAir C90	Cessna CJ1	Learjet 60	Boeing 737-800
Takeoff (EST dBA)	54.9	69.3	73.6	64.9	61	63	68	60.9	60.3	75
Approach (EST dBA)	72.8	63.7	63.8	73	74	73	75	77.4	81.7	88.8
Cumulative	127.7	133	137.4	137.9	135	136	143	138.3	142	163.8
Cumulative decibels (dBA) louder than the Eclipse 500	--	5.3	9.7	10.2	7.3	8.3	15.3	10.6	14.3	36.1

For every 3 dBA increase, noise intensity is approximately doubled.

Noise Comparisons

Source: FAA Advisory Circular 36-3H

[Close](#)

[Learn more about the noise measurements.](#)

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