

REINVENTING COMFORT IN ECONOMY CLASS

Transform any seat into a unique experience



LSEAT can convert any existing **economy seat** into **sleep mode**, while maintaining seat pitch and cabin certification integrity.





ABOUT US

LSEAT inserts a revolutionary patent protected sleep mode into existing economy seats, without altering the pitch, cabin layout, or seat assembly.

Designed to integrate easily, LSEAT enhances passenger rest and well-being by offering a new level of comfort - all while preserving certification, space, and operational efficiency.

A game-changing innovation FAA and EASA regulations compliant that turns economy into a smarter, more restful experience, with zero compromises on design or compliance.

**MORE SPACE.
MORE COMFORT.
MORE YOU. ”**



Sleep is a top priority for 80% of long-haul passengers. While most economy travelers are unwilling or unable to pay for a full class upgrade, many are ready to spend a little more for a clearly justified comfort enhancement. With LSEAT's design, passengers can select their own comfort mode individually, without affecting the experience of those around them.

For taller passengers, especially those above average height - long flights with knees pressed against the seat in front can feel unbearable. With LSEAT, instead of painfully pressing their knees against it, they can cross their legs under the seat ahead. Even if the tray table is lowered, their legs are finally free to move. The tray table functionality remains intact, even during meal service.



NO INVESTMENT

LSEAT is not sold but offered through a flexible rental model, requiring no upfront investment. There's no financial risk, as the contract can be terminated free of charge after six months. The monthly rental fee is lower than the revenue generated from the very first day of operation - meaning you reach net profit from day two onward.

ECONOMICAL ADVANTAGES

Without changing the seats or cabin layout, LSEAT enables a low-cost “NEW INNOVATIVE ECONOMY” experience using your existing infrastructure - same seats, same pitch, same density. The cost per LSEATED passenger remains unchanged, as cabin capacity is fully preserved. Adapting to demand is easy and scalable: simply increase the number of LSEATs installed - quickly, flexibly, and without disruption.

OPERATIONAL FEATURES

Installation or removal with PART 21 G and PART 21 J engineering work supplied takes less than 15 minutes per seat, with no AOG or operational downtime. Seat and cabin certification integrity are fully maintained, as the kit qualifies under minor modification procedures and remains within TSO tolerances. No maintenance is required, and no additional training is needed for cabin crew - making LSEAT a seamless, hassle-free upgrade.

A passenger is seated in an airplane cabin, reclining in an LSEAT. The passenger is wearing a patterned top and jeans, and is using a laptop and a tablet. The seat is dark blue with a textured pattern. The background shows the airplane cabin interior with a window and other seats.

SUPERIOR FLIGHT EXPERIENCE

Between upright and full sleep mode, the seat glides smoothly and can stop at one or two intermediate positions that are ideal for relaxed reading or watching in-flight entertainment (IFE). Passengers can switch between these modes naturally by simply shifting their body weight. LSEAT does not interfere with any existing seat functions, ensuring a seamless and intuitive passenger experience.

The reclining angle enables a more even distribution of body weight, significantly improving passenger comfort and reducing fatigue on long-haul travel. The improved position and extended legroom also support better blood circulation and help lower the risk of deep vein thrombosis (DVT), a serious concern during long-haul flights.

Thanks to its generous recline, LSEAT is also certifiable as a rest seat for crew members during rest periods.



LSEAT ENGINEERING SRL

www.lseat.eu

yh@lseat.eu

+32 473 987 988
