Sleeping on Clouds, Economy Class Sleeping Facility

September 27, 2019

Integrated Product Design

Committee
Prof. dr. Vink, P.
Ir. Ruiter, A.C.

Evaluation of the Design showed that out of 184 respondents between 17 and 75 years old with long-haul flight experience (6 hours or longer) 70% would want to book an Economy Class Bed as presented.

Economy Class Bed with a length of 193 cm

Sleeping is the most performed activity inside an Airplane, an activity that gets rated extremely low on comfort. This is due to economy seats not being a suitable environment to sleep. The Economy Class Sleeping Facility offers a 193cm long flat-bed located in Economy Class. This sleeping facility is specifically designed for the Flying V concept plane. During Taxi, Take-Off and Landing the beds are transformed into seats. This unique system makes sure that passenger capacity of the airplane dose not decrease, it even increases by 3.