

## **ABSTRACT**

*Travelling with a maximum period of 10 hours CN235 aircraft allows passengers to interact with the aircraft lavatory. The state of lavatory narrow and limited its movement can make users become uncomfortable. Lavatory with a size of 795 mm x 875 mm, researchers will try to do research whether these measures will affect the comfort of the lavatory is in terms of its sitting postures. This study was conducted using Posture Evaluation Index or PEI. PEI method is used to view the user's convenience in using the index CN235 aircraft lavatory. Adjustments will be made on the toilet height and width lavatory. Index configuration PEI proposal generated will be compared with PEI index generated in the actual configuration. Configuration with the results of PEI smallest index will be set as the optimal configuration with the comfort of the best among other configurations.*

*Keyword : Ergonomic, Posture of Sitting, Antropometri, PEI, Lavatory*