Juanda International airport is an airport located in Surabaya, East Java. The airport has both domestic flight route and international flight route. Flight from Surabaya to Jakarta and Surabaya to Denpasar. Jakarta is central economy and government Indonesia. Bali is famous tourism city in Indonesia. The high and low of flight mobilities can be shown from the frequency of the flight on those route therefore an evaluation and an analysis are precisely needed to know and measure the level of load factor on the routes Surabaya – Jakarta and Surabaya – Denpasar.

Load factor is a calculation that shows the production level and airlines capacity in their operations. Since the load factor has highly influenced passengers mobility in which volume traffic demand and flights scheduling. Based on the calculation of load factor a pattern of the load factor on Surabaya – Jakarta route can be concluded such as in 2007 = 72 %, 2008 = 74 %, 2009 = 75 %, and on Surabaya – Denpasar route in 2007 = 60 %, 2008 = 65 %, 2009 = 70 %. After the calculated of load factor and than analyze forecasting in 2014 and 2024, in 2014 to get the pattern of load factor on Surabaya – Jakarta is about 87% and 79% on Surabaya – Denpasar route. Next in 2024 the pattern of load factor on Surabaya – Jakarta can be estimated about 114 % and 100 % on Surabaya – Denpasar route.

Keyword : Load factor, Surabaya – Jakarta, Surabaya – Denpasar, Juanda International airport