ABSTRACT

Aviobridge is one of the facilities available at the airport. The common form of the Aviobridge is a tunnel connecting the terminal building with the airplane's entrance. As one of the facilities supporting the boarding and unboarding process of passengers at the airport, its use is still less effective. Because even though the aircraft is located in the area where the facility is, but the aircraft does not utilize the facilities. So it is necessary to do research to know what is the determining factor of the airline in using the aviobridge and can give input in determining which airline should be in the position.

In this study will be used logistic regression to know the relationship of each factor to the use of aviobridge and to find out which factor is most influential in determining the decision of the use of the aviobridge.The Data used is a report of the use of the aviobridge within a specified time span. The data collected was obtained as many as 194461 records which were collected from February 2019 to February 2020.

From the results of data processing carried out, it is found that the factors of aircraft characteristics, flight category, type of operation and type of airline service have an effect in determining the use of aviobridges. With the service factor being the most significant factor in determining the use of aviobridge. The type of service with a low level of use is a service that is private and an airline that performs LCC (Low Cost Carier) services. So it is hoped that in determining the use of aviobridge this research can be used as a reference in determining policies related to the use of aviobridge.

Keywords : Aviobridge, Logistic Regression, Aircraft characteristics, Airline Service.