

## **ABSTRACT**

The aim of this thesis is to provide an analysis on the on-time performance of Airline X and also providing recommendations to the repetitive delay that occur, especially in the area of technical delay.

The daily flight scheduled data was taken starting from 1<sup>st</sup> January 2019 until 31<sup>st</sup> December 2019. The delay flight is categorized into IATA Delay Code and then the highest delay occurrence's is from Technical Delay, after that the technical delay flight is categorized into ATA Chapter and ATA Sub Chapter, after that FMEA is made to find any possibilities that may be occurred.

One of the research results is suspected to the delay because Tire Worn Out. Recommendation from this thesis hopefully expected to improve the On-Time Performance of Airline X.

*Keyword: On Time Performance, IATA Delay Code, Technical Delay, FMEA*