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UNIVERSITY TEKNOLOGI MARA  
CAWANGAN SARAWAK**

**ECONOMIC STUDY OF TANJUNG MANIS  
AIRPORT, SARAWAK, MALAYSIA.**

Thesis submitted in partial fulfilment  
of the requirements for the award of  
Bachelor of Quantity Surveying (Honours)

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## AUTHOR'S DECLARATION

I declare that this thesis was carried out in accordance with the regulations of Universiti Teknologi MARA. The results are from my own work and original unless otherwise indicated or acknowledged as referenced work. It's never been submitted to any institution for any degree or any qualification.

I, hereby, acknowledge that I have been supplied with the Academic Rules and Regulations for Undergraduates, Universiti Teknologi MARA, regulating the conduct of my study and research.

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## ABSTRACT

Air transportation is essential to most of the people across the globe. It helps people to travel all over the world in a short time period. This paper is about the economic study of Tanjung Manis Airport, Sarawak, Malaysia. Tanjung Manis Airport is a small airport located in Tanjung Manis that serve Mukah and Sarikei Division, Sarawak. The aim of this paper is to study ways for the sustainability of operation of Tanjung Manis Airport. There are three (3) research objectives had been developed to meet the aim; to identify operation cost, maintenance cost & revenue of Tanjung Manis Airport; to study ways to lower operating and maintenance cost of Tanjung Manis Airport; and to approach sustainable operations of Tanjung Manis Airport by investigating ways to increase airport's revenue. Data collection method that had been used is collection of real-time information that available from the Tanjung Manis Airport which collected manually. Besides, interview also has been done to support the data collected. Literature reviews were conducted before and during this research progressing to strengthen the collected data. The significance of this research to the construction industry is to make sure the sustainability of Tanjung Manis Airport's operation can be achieved so that all the construction industry's matters can run smoothly, time-saving, increase productivity and boost surrounding economic activities. The outcomes of this paper will help to enhance the operation and management of Tanjung Manis Airport, and also to boost the revenue of the airport so that the airport will sustain for the upcoming future. This will directly give positive impact for Sarawak economy specifically and Malaysia economy generally.

*Keywords: Airport, Stolport, Airport Maintenance & Operation Cost, Airport Revenue, Airport Sustainability, Economic of Airport, Tanjung Manis Airport.*

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# CHAPTER 1

## INTRODUCTION OF THE STUDY

### 1.1 INTRODUCTION

The principle of this chapter is to introduce the whole research and briefly outline the structure of the research. It is divided into five (5) sections which include the background to the research, the research problems, research aim and objectives and the critical research questions. Meanwhile, other chapters focus on explaining the significance of the study, the theoretical, research framework and the research process.

### 1.2 BACKGROUND OF RESEARCH

Nowadays, air transportation is essential to almost of people across the globe. It helps people to travel all over the world in a short time different from the old days, whereby people travel to other places via land or sea that will consume a lot of time. As mention by David C. Ploeger et al., (2015), airports are one of the critical national resources. They functioned as an essential function in the transportation of human and supplies: regional, state and global commerce also affected by the part of an airport.

Air transportation is vital and incomplete without plane and airport because they are completing each other. Without a plane, travel via air in a short time is impossible because the plane is the fastest commercial vehicle that can transport people to the desired place in a short time. But a plane needed an airport to take-off, landing, parking, refuelling and more.