

Thesis Title	An Analysis for Determining the Factors Affecting Utilization of General Aviation in Thailand
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Abstract

The objective of this research is to study the uses of general aviation in Thailand. Mathematical models to determine the factors affecting the utilization of general aviation (GA) and behavior of the GA users were constructed. In the study, data are collected from the owners or lessees of GA aircraft. The determination of factors that affect the use of GA was done by performing a regression analysis, which showed that income of users, cost of flying and aircraft ownership were related to the amount of GA aircraft that would be used. Furthermore, the behavior of GA users about whether he/she would buy an aircraft was analyzed using Logit model, which showed that income and total cost of having an aircraft were significant factors. The results of these models, thus, indicated the factors affecting the utilization of GA as well as the factors that GA users would decide on whether to own or to rent an aircraft. The results of this study would be used as a guideline for determining ways to increase GA usage in Thailand.

Keywords : General Aviation / Determining the Factors Affecting Utilization of General Aviation Model / The Use of General Aviation Behavior