

Aviation Demand for the Construction of a Runway in Kandy

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Analysis of the aviation demand is one of the pre-requirements to decide the construction of a new runway. The aim of the research was to examine the domestic aviation demand for scheduled flights for a runway in Kandy. Decision analysis was the method used for analysing where analysis is done by the combination of both qualitative and quantitative techniques using both primary and secondary data. The techniques used for analysing were liner regression analysis, potential user survey and trend projection methods. It was found that there is no significant demand for scheduled flights to Kandy and no demand to base the aircraft at a runway in Kandy at present. It revealed that the numbers of passengers travel by the scheduled flights in Sri Lanka has declined and it will further decrease, but the total domestic passenger movements and the flight movements are expected to increase in the future.

Keywords: Aviation demand, Domestic flight, Decision analysis, Potential user survey, Scheduled flights