

The Impact of Pilots' Learning Satisfaction and Aptitude on Tension and Confidence

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Abstract

This study aims to analyze the impact of student pilots' learning satisfaction and aptitude in relation to their confidence and tension. By understanding how the educational experiences and aptitudes of student pilots affect their psychological states, the study aims to provide academic evidence necessary for designing effective training programs. The results of this study indicated that learning satisfaction and aptitude positively influence confidence, with these two variables explaining approximately 66.3% of the variance in confidence levels. On the other hand, aptitude had a significant negative impact on tension; notably, lower aptitude in student pilots tended to increase tension levels. These findings emphasize the importance of psychological elements in training programs for student pilots and offer valuable insights for educators and policymakers in formulating effective training strategies to enhance the psychological stability and performance of student pilots.

Key Words: Pilot, Pilot Training, Learning Satisfaction, Aptitude, Tension, Confidence

1. Introduction

The purpose of this study on the impact of student pilots' learning satisfaction and aptitude in relation to tension and confidence levels is to provide information that can evaluate and improve the effectiveness of pilot training programs. To start, safety and precision are very important in the aviation industry. This therefore means that the psychological stability and confidence of pilots play a large role. Especially, student pilots' satisfaction in the learning process and their aptitude can have a significant impact on their career in the future, and understanding how these factors affect tension and confidence is essential to design training courses more effectively.

Although there were studies in the past that have investigated the impact of job satisfaction on job performance in various occupational groups (Insu Oh, 2007; Yoo Hyogeun, Seungpyeong Kim, 2008; Seungha Nam, Jongwon Jeong, 2017), research particularly targeting student pilots in the aviation field in particular can be seen as limited. In relation to this, this