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Aviation security Vs. Passenger Facilitation



Zainab Ashraf

14007001014

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University of
Management and
Technology

Research Topic: Aviation Security vs. Passenger Facilitation

Zainab Ashraf

14007001014

Research Supervisor

Sir Nawaz Gill

Concerned Department

Aviation

Concerned School

Institute of Applied Sciences (IAS)

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Statement of Submission

This is to state that me ZAINAN ASHRAF (ID: 14007001014) has successfully submitted the final year project on 25 May, 2018 highlighting “Airport Security vs Passenger Facilitation” at University of Management And Technology as a part of partial requirement of the Bachelor’s degree in Aviation Management (BS-AM).

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Dedications

In the name of Allah, The most Merciful and The most Beneficial.

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1. Abstract

Airports are the gateway of a country. Aviation is a big industry and the aim of this industry is to provide air transportation services to the travelers who want to save their time by travelling fast in an aircraft. Airport is the platform from where operators provide these services. Like every other asset, their security must be high in order to deter bad elements from miss-using this platform. But the facilitation of the passengers who are already there to save their time and are paying high for that should also be considered. The equilibrium between security and facilitation is a very interesting topic for research purposes.

1.1 Purpose of Study

The aim of this study which is conducted is to put light on the importance of the balance between the security that is set up to protect the passengers and the aerodrome assets from external threats and the facilitations that the passengers expect and require after paying high amounts for travelling by air. Extensive research is conducted to explore ways that could be used to achieve the optimal balance between these two.

1.2 Project Goals

- To define that what is airport security
- To explain the importance of facilitation
- To determine what causes and reasons led to the rise in security
- To recognize the aerodrome operations and facilitation required.
- To consider technologies that could be used to reach balance among security and facilitation.

2. Executive Summary

Aviation is about aircrafts and airports. Airport is the essential part of transportation. It is the gateway to a counter, and an exit point. All the operations connected to air transportation are conducted at the airfield. Air transportation itself is a facility for public, and like every other facility, airports are subjected to threats and violations from bad elements. That is why security of the assets of airport, other than that passengers going and coming from and towards it is extremely important.

But other than security, the passengers should not only be protected from the bad elements, but also they would not suffer mentally by the processes which are made to catch those elements and should not be judged as them. That is why their facilitation is very important, and it goes hand in hand with security. There should be balance between them.

The aim of selecting this topic for doing research was to create awareness of the balance between facilitation, and security along with to do research on how the security could be improved without disturbing the facilitation of the passengers who are there to get a safe flight. The project covers the details of the security and facilitation, and in what way the attacks of September 11 sparked the rise in the procedures regarding the security of airport assets, and passengers as well. The project also consists of essential part of airports, and how well protected they are.

Other than this, the later part puts light on the procedures of checking on arrival along with departure airports, and how technology could be used to improve the procedures as well as increase the facilitation of the airport. In the conclusion, summarized details are given regarding how the balance should be maintained to have secure operations, satisfied customers. Recommendations are also given that would put some light on the loopholes of aviation industry regarding this topic.

Security is the back bone of the operations in aviation industry, but they should not conflict with the facilitations that are the right of every passenger and customer who is paying to travel by air. Because of bad elements, innocent passengers should not be judged wrongly and have to pass through extensive checks in order to board a flight they are paying for. But it is also noted that these security checks are there for the safety of those passengers. A compromise should be made regarding both the security and facilitation, and a balance should be between them that could only be attained using right and advance technology.

3. Introduction

Passenger facilitation and aerodrome security are essential for travelers as well as for airports. The main concentration of ICAO, IATA and Civil Aviation Authority is to provide best facilitation and security to passengers. Now-a-days the core purpose of airport is to improve facility with the purpose of enhance security. New rules and regulations are developed for security and facilitation for the advantage of travelers. Airport Authorities improved facility in such a method that we can balance between facility and security for safe, efficient and smooth operations. ICAO rules are already made but when any violation or accident happens new amendments are made in those rules to improve the safety and security.