

Outline:

Student Name:

Course:

Instructor:

Date:

Topic: Keflavik Airport (KEF) Safety and Air Navigation Services

General purpose: To highlight the safety measures implemented by Keflavik Airport (KEF) Safety and Air Navigation Services.

Specific purpose: To describe the how KEF Airport has enhanced its flight safety and security measures.

Thesis: Ground handling services are important to ensure smooth operation of the airport, and, at the same time, it is the part that experiences some of the huge safety problems. At KEF, there are many ground handling services that are surrounded by safety issues.

I. INTRODUCTION

- A. *Attention Getter:* With increased case of plane crashes, hijacks, and terror groups, safety within the airport has become an important factor. Keflavik Airport (KEF) thrives through offering safe and reliable transport (Keflavík International Airport).
- B. *Reason to listen:* KEF leverages on navigation services and aerodromes to minimize the risks of accident, events, and any other incidents which could decrease safety.
- C. *Thesis Statement:* Through the years, the airport has minimized all operational risks at the aerodrome to acceptable levels and aircraft risks occurring on the neighbouring area of the aerodrome.

II. FUEL OPERATIONS AND OTHER ESSENTIAL FLUIDS

- A. At the KEF Airport, there is ground handling operations team responsible to work across the airport in a bid to support a just cult, which encourage an open reporting of the incidents and accidents associated with poor fuel handling.
- B. The ground handling operations team at KEF use MOR when loading contaminated, incorrect fuel type, or any essential fluid such as drinking water and oxygen.

III. AIRCRAFT DAMAGED AND UNINTENDED CONTACT

- A. The KEF Airport ensures that there is no equipment or vehicle obstructing the ramp while the aircraft pushes back or is packing.
- B. In response to such accidents and damage, KEF Airport developed a Ground Accident Prevention (GAP) program to address issues associated with unauthorized and unintended contact with the aircrafts.

IV. GROUND SERVICE EQUIPMENT

- A. Through its ground handling operations safety team, the airport is working to support the culture and encourage open reporting of the accidents and incidents (Abeyratne 112).
- B. To reduce the turnaround time at the KEF Airport, its ground service equipment focuses on efficiency, safety, accuracy, and speed..

V. STAND CONDITIONS AND OPERATING ENVIRONMENT

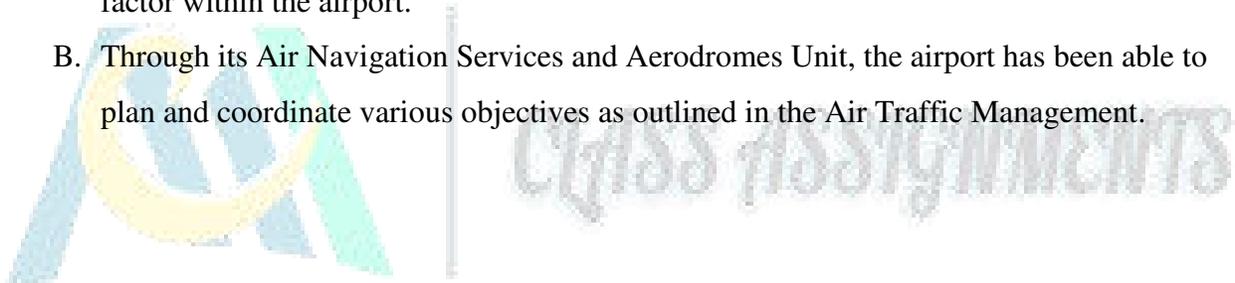
- A. KEF Airport, through its ground handling operations safety team, uses the CAA's MOR in the event that there is a failure or significant deterioration in the operating surfaces of the aerodrome, unsatisfactory airside environment or the ground de-icing, ramp conditions that could cause any hazardous condition for the airline, and the jet wash incident that could result in any significant damage or serious injury to the passengers.

VI. PERSONAL SAFETY AND INJURY

- A. The ground handling operations safety team uses the CAA's MOR process to see if the people are endangered by the aircrafts. There are many operations within airport that can endanger the safety of people within the airport.

VII. CONCLUSION

- A. Based on the foregoing analysis, safety of passengers and workers is the most important factor within the airport.
- B. Through its Air Navigation Services and Aerodromes Unit, the airport has been able to plan and coordinate various objectives as outlined in the Air Traffic Management.



Works Cited

- Abeyratne, Roywel I. *Air Navigation Law*. Springer, 2012. Print.
- Ek, Åleo, and Ronnell Akselsson. "Aviation on the Ground: Safety Culture in a Ground Handling Company." *International Journal of Aviation Psychology*, vol. 17, no. 1, 2007, pp. 59-76. Print,
- Federal Aviation Administration. "Runway Safety: A Best Practices Guide to Operations and Communications." *Federal Aviation Administration*, 2015, Web.
- Grossman, Daniel. "Ground Handling - Hole in the Ground." *Airlines International | IATA's Aviation Business Magazine*, 2017. Web. Accessed 20 Nov, 2017.
- International Civil Aviation Organization. *Air Traffic Management: Procedures for Air Navigation Services*. International Civil Aviation Organization, 2016. Print
- Keflavík International Airport. "Safety Rules for Keflavik International Airport." 29 Oct. 2009, Web. Accessed 19 Nov, 2017.
- Landry, John, and Sam Ingola. *Ramp Safety Practices: A Synthesis of Airport Practice*. Transportation Research Board, 2011. Print.
- Transport Malta. "Air Navigation Services & Aerodromes." *Transport Malta*, 2015, Web. Accessed 19 Nov. 2017.