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IMPORTANCE OF SAFETY AND SECURITY ARRANGEMENTS AT THE AIRPORTS

The security and safety in aviation industry are vitally significant because the global aviation industry facilitates economic development.

The aeronautic field is a significant contributor in relation to development of each country economy. Because of aviation industry, international trade, by enabling quick and simple transportation of passengers and cargo to the different points of destination, has increased. This industry has also offered jobs to a lot of people.

Security control is carried out in accordance with the technology approved by the airport management, developed in accordance with the instructions requirements of the security control organization and implementation at airport, approved by the specially authorized body according to the safety of civil aviation. Providing safety of the crew members, passengers, their hand luggage and luggage, cargo, courier and postal items, board supplies, including on-board meals is also monitored. Some countries have an agency that supervises occupational safety at airports, in other – safety is controlled at the state or local level.

The main reasons why airport security is so important:

1. Protection of the airport against terrorists: due to some safety and security measures that have been provided to stop well-encapsulated actions by terrorists, now it's impossible to get through airport security unnoticed. These safety methods help airlines to avoid potential terrorist threats.

2. Fighting narcotics: today we see that safety methods against drugs help to catch the responsible people.

3. Smuggling prevention: airport security management trains to detect some items that are carried illegally on the aircraft. Earlier, people have tried to transport very expensive products like gold, antiques, and sometimes exotic animals.

4. Providing cyberdefence at the airport: security at the terminals doesn't only comprise passengers checking before boarding a flight. All aviation field and digital technology are tightly intertwined. Nowadays

providing cybersecurity has become a very difficult and important task. Some hackers are trying to attack aviation network computers with new and sophisticated ways. Protection of this requires a large amount of input, which management of airport does.

5. Protection of passengers within airport's territory: with increase of endemic shooting situations, airport security has to keep all people protected inside the airport. The airport is sensitive to sudden terrorists and criminal attacks without satisfactory security [2].

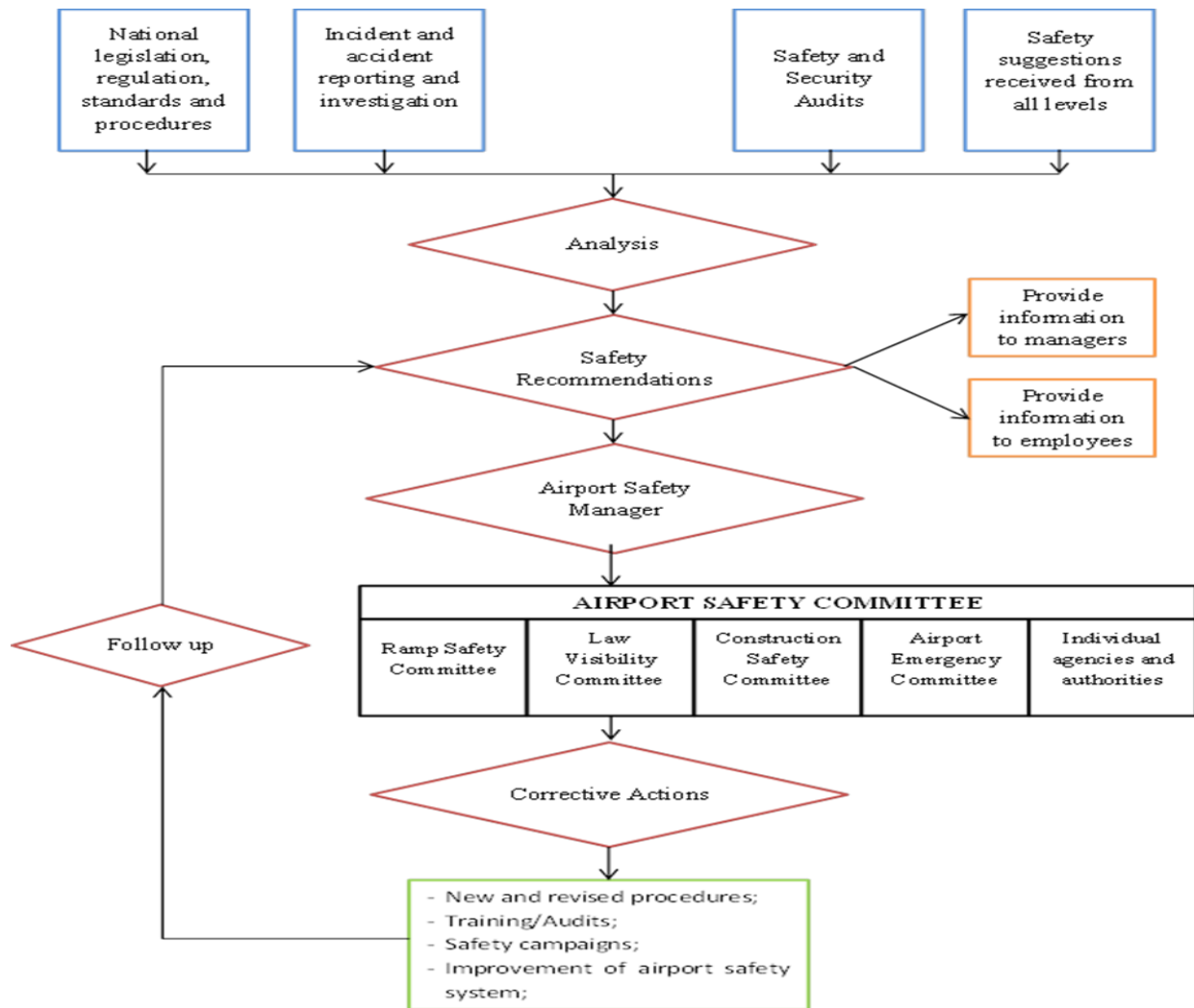


Fig. 1. Structural model of airport safety management system [1].

With the technological development, at the airports modern tools and machines are used in order to prevent potential threats to the passengers:

1. AIT (Advanced Imaging Technology) scanners;
2. Biometric system;
3. MRI (Magnetic Resonance Imaging) luggage scanners;
4. Cyber-security solutions [3];

The main aim of security methods for unlawful acts avoidance in aviation is to reduce the security risk as far as possible. Ensuring the high safety level in airtransport is a direct reflection of passenger satisfaction and feeling safe in this mode of transport, which is considered to be the safest.

Nowadays, safety and security are features of great importance throughout our lives. The fundamental reason, for my opinion, why it is so important in the aviation field is because it affects the bottom line. The biggest challenge of the aero industry today is defining how airport security measures should be enhanced, while an inconvenience for passengers should be decreased. In the near future all main processes at airport will be automating; consequently, the level of security will be greater with minimal violation to passengers.

In my judgment, the strategy for increasing protection of civil should be based not only on the installation of modern security equipment but also on a safety analysis in risk management and assessment in logistics and service processes in aviation transport.

References

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ПРАВОВІ АСПЕКТИ ПЕРЕВЕЗЕННЯ ТВАРИН АВІАЦІЙНИМ ТРАНСПОРТОМ

Із кожним роком повітряний транспорт все стрімкіше розвивається в усьому світі. Тому часто у власників тварин виникає питання як правильно перевезти їх улюбленців під час подорожі літаком. Перевезення тварин авіатранспортом регламентуються Правилами перевезення тварин, що різняться залежно від