

AVIATION SAFETY PROVISION IN CIVIL AVIATION

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The emergence of aviation as a distinguished, independent transport industry took place in the twenties of the twentieth century. However, in the second half of the twentieth century, the network of international air routes covered almost all countries of the world. Operations on modern air transport are characterized by mass (number of transport units and volumes), rhythmic (frequency of traffic units) and adequate complexity. In this regard, there is a need for a rigorous legal mechanism for carrying out air transportation, fixing the obligations and rights of the transport process participants and, most importantly, ensuring a reliable level of security.

Aviation security as a scientific field is a relatively new aspect of scientific activity. Aviation security is a state of protection of the sector of civil aviation from threats of external factors associated with the implementation of acts of illegal intrusion. The basis of aviation security is a complex of organizational and legal, financial, technical and scientific-methodological measures that ensure the organization of civil security in the aviation at all its levels.

Violation of aviation safety can be caused as a result of the activities of the third parties' state and their interaction with technical means and negligent attitude of officials and administration to its duties. The human factor is one of the main reasons in violating the level of aviation security. The activity of civil aviation is one of the ways of committing terrorist organizations and radical groups of people. Even a minor realization of criminal intentions in the field of civil aviation may cause human tragedies, financial and material damage, and to cause immensity damage to the entire aviation industry.

Analysis of air transport activity in the world and trends in the field of provision of aviation safety indicates the growth of terrorist activity, caused by the power growth of economic capacities of such organizations, radical views and religions, as well as raising the level of political dissatisfaction. This causes all new measures and safety measures at all levels of security in the field of civil aviation.

International practice shows that the management of air safety is determined at the organizational level. Aviation safety measures are developed on the basis of analysis and research of all incidents and events that took place in the civil aviation, in order to make it impossible to appear in the future. Despite the importance of the human factor, the factor of time plays one of the priority issues. The problem of time factor is manifested in a timely establishment of new security measures and as proposed measures in a short period of time. Time factor aims not only implementing

security measures after analyzing the activity of acts of illegal intervention, but also to avert them to prevent the appearance of its reasons.

In the process of analyzing the air safety situation, it was found that providing security level is entrusted to the functioning of aviation security services, implementing their permanent protection of objects and infrastructure of the civil aviation industry, constant checking of the airport crew and airport staff, review of passengers, luggage, cargoes of all categories. The activities of the aviation security are carried out in accordance with the current legislation established by the rules, norms and requirements for preventive activity in aviation security.

Technical engineering in the field of aviation security is constantly exploring this sphere. The main task is to create the latest tools and systems of air transportation. Modern aviation safety protection systems are characterized by its high technology, volatility, multidisciplinary directions. However, it is not always possible to achieve a really reliable level of aviation security. Thus, there is a problem in new methods, technologies and approaches to decided air safety issues.

In the modern sphere of civil aviation, the problem of committing unlawful actions and acts of illegal intervention is acute. The airport infrastructure and objects involved in it are characterized by its complexity, scale, are of great importance and constitute a seductive goal for illegal actions by third parties or radical-minded organizations. Aviation safety in civil aviation requires a permanent legal update and the creation of new technologies, approaches, tools and methods for ensuring a reliable level of security and requires the creation of such areas that make it impossible to the emergence of threats to world aviation.

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