

### **Ways of improvement of the state policy of safety of civil aviation**

*The system of state regulation and management of flight safety is explored, the subjects of such activity are identified. The main directions of improvement of the state policy of safety of civil aviation are offered.*

A new era in the history of civil aviation in Ukraine began with the creation in October 1992 of the state aviation regulation agency - Ukrainian aviation, which coincided with the establishment of market relations in civil aviation. Freedom was given to the initiative, the creation of new national airlines of various forms of ownership [7].

Thanks to this, Ukraine's aviation managed to avoid a complete collapse in the face of a sharp fall in volumes of transport on the domestic market, a limited legal field for international flights. In September 1992, Ukraine became a member of ICAO, in May 1993, adopted its own Air Code and rapidly installed airlifts with many countries around the world. European integration is a strategic priority for Ukraine, the National Program for Ukraine's Integration into the European Union (EU) has already been developed and approved. The chosen path involves many changes in all spheres, including civil aviation. In the framework of the general administrative reform in Ukraine, the beginning of which coincided with the adoption of Ukraine on December 15, 1999 as a member of the European Civil Aviation Conference, there is a consistent reform of the civil aviation management system.

An important part of the national state policy on ensuring safety of flights of civil aviation aircraft is its legal and regulatory framework. The basis of legal regulation of this sphere of public administration are:

- Air Code of Ukraine;
- Law of Ukraine "On Transport";
- Resolution of the Cabinet of Ministers of Ukraine "On Approval of the Procedure for Supervision of Ensuring Safety of Transport in Transport";
- Decree of the President of Ukraine "On the State Service of Ukraine for Supervision of Safety of Aviation", as amended in accordance with Presidential Decree No. 912/2004 dated August 16, 2004;
- Resolution of the Cabinet of Ministers of Ukraine "On Approval of the Procedure and Rules for Compulsory Aviation Insurance of Civil Aviation".

The operation of the system of state regulation and management of flight safety [2] is directed, first of all, to ensuring the safety of flights of civil aviation aircraft by introducing, in accordance with the requirements of the International Civil Aviation Organization, the safety management system of all aviation entities. The activities of all actors involved in such activities are aimed at ensuring acceptable level of safety for the state by aircraft operators and airfields, aircraft maintenance organizations, air navigation service providers, developers and manufacturers of aviation equipment and aviation training institutions.

Within the framework of the implementation of the state policy on ensuring the safety of flights of civil aviation aircraft, the state establishes for all subjects of aviation activity the requirements for the introduction of acceptable safety management systems for the state with a view to:

- definition of the risks for flight safety;
- ensuring the implementation of corrective actions necessary to maintain an acceptable level of flight safety;
- Constant monitoring and regular assessment of flight safety;
- continuous improvement of the general level of flight safety;
- Clear definition of the hierarchy of responsibility for flight safety, including direct responsibility for flight safety by the management of aviation entities.

All providers (entities) carrying out activities related to the organization of air traffic control over civil procedures in the airspace under the responsibility of Ukraine are subject to constant supervision by the State Aviation Administration on issues of air safety in the organization of air traffic.

Surveillance mechanisms:

- regulatory audits;
- safety assessment when introducing changes to the air traffic management system;
- monitoring.

The main objective of air traffic safety audits in air traffic management is to determine the compliance of the provider (the subject) with the established requirements, rules, procedures specified in the Regulations for the implementation of tasks and functions for air traffic control, communications, navigation, surveillance, maintenance of aeronautical information, meteorological support for aviation.

The introduction of a quality management system, as evidenced by the experience of the safest aviation companies in the world, will significantly improve the quality and safety of aircraft flying civil aviation by introducing an active approach to state flight quality management as the

most effective form of regulating civil aviation through continuous detection and elimination of risks. at the operation of aircraft, airfields, personnel certification, air traffic services, airworthiness and.

The main task of the state policy of ensuring the quality and safety of flights of civil aviation vessels is to increase the level of flight safety by introducing a system of quality management of flights by all subjects of aviation activity. Implementation of the flight quality management system should ensure a steady reduction in the number of aviation events and human casualties while simultaneously modernizing the aviation industry in all directions of its activity.

### **Conclusion**

The main directions of improvement of the state policy of ensuring safety of flights of civil aviation aircraft are expedient

Improvement of civil aviation management system by:

- Adjustment of the state policy on safety of flights;
- introduction by each subject of aviation activities of acceptable levels of safety of flights;
- Risk management in the field of civil aviation;
- implementation of European standards for the implementation and provision of flights.

Implementation of the safety management system by all actors of aviation activity by:

- development of regulatory acts on the implementation of a safety management system;
- introduction of a system of compulsory and voluntary reports of aviation personnel about dangerous safety factors of flights.

Ensuring the safety of flights at the aerodromes by:

- implementation of flight safety management systems;
- development and implementation of regulatory acts on flight safety;
- modernization of the infrastructure of airfields.

Improvement of medical care system by:

- establishment of the Center for the prevention, treatment and rehabilitation of aviation personnel health;
- introduction of psychophysiological testing of aviation personnel;
- monitoring of medical flight provision.

The significance of civil aviation, given the development of public relations in all areas, in the future will only grow. Thus, theoretical developments in this area of scientific research will be important.

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