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# **SAFETY OF DISABLED PEOPLE IN AIR PASSENGER TRANSPORT**

## **Dissertation**

**Keywords:** safety, people with disabilities, operational safety, aviation security.

**The aim** of the dissertation is to diagnose the currently used solutions for the transport of disabled people by air passenger transport. The author made an attempt to indicate the improvements of the current regulations applied to the transport of disabled people by passenger aviation.

**The first chapter** contains the adopted assumptions guiding the research process. The author defined the problematic situation, indicated the subject, purpose of the work and research problems. The work includes hypotheses, research tasks, as well as research methods, techniques and tools. In the first chapter, the author also defined the area of research, the method of its organization, the selection and characteristics of the research sample and the adopted limitations.

**The second chapter** presents the identification of the situation of people with disabilities in the EU, including Poland. The author described the contemporary understanding of the concept of disability and defined the social situation of people with disabilities over the centuries, together with a discussion of the current situation of this type of people in the EU, including in our country. Legal solutions to improve the situation of people with disabilities, methods of their activation and methods of adapting public utility facilities to the needs of people with various types of dysfunctions were also presented.

The content of **the third chapter** covers the solutions applied to people with disabilities using air passenger transport in the area of operational safety (*safety*) and in the area of civil airport protection (*security*). The available legal, organizational and technical solutions in both these areas were analysed.

The structure and content of **the fourth chapter** focused on the practical aspect of transporting people with disabilities by air passenger transport. The conducted surveys among disabled passengers and aviation enthusiasts as well as interviews with specialists in the field of civil aviation made it possible to assess and draw conclusions regarding the currently used procedures and other solutions for disabled people traveling by air.

**The fifth chapter** of this dissertation is the author's proposal regarding the improvement of currently used solutions in relation to people with disabilities in air passenger transport. A proposal to amend legal acts regulating the transport of disabled people by air transport, especially in the national dimension, and to create a model of a new executive regulation regarding the study area are drawn up here. Proposals for improving organizational and technical solutions applied to people with disabilities in civil aviation were also presented. In addition, existing solutions and conclusions regarding their improvement or completely new ideas aimed at improving their accessibility, facilitating travel for people with disabilities or increasing its comfort were verified.