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# **SAFETY CULTURE IN THE AVIATION ORGANIZATION**

## **Dissertation**

**Keywords:** safety, safety culture, organizational culture, safety indicators.

**The aim** of the dissertation is to identify the safety culture and indicate methods of its improvement in an aviation organization. In the dissertation, the author made an attempt to systematize the knowledge about the safety culture in the aviation organization.

**The first chapter** contains the assumptions directing the research process. The author defines the problematic situation, indicates the subject and purpose of the work, presents research problems, hypotheses as well as research methods, techniques and tools. In the first chapter, the author presents the area of research in organization, as well as the selection and characteristics of the research field.

**In the second chapter**, the author presents the historical background and the experience of shaping the safety culture in civil aviation. She juxtaposes the eras and phases of the evolution of aviation safety, defines the difference between the organizational culture and the safety culture. Safety culture is a new concept, but the issue of safety management in civil aviation dates back to its origins.

**The content of the third chapter** is the identification of the safety culture. The author indicates the links between safety culture and safety management in aviation organizations. In the third chapter, the author describes the methods of measuring the safety culture.

**The content of the fourth chapter** defines the position of safety culture in aviation organization and aviation law. The safety culture is regulated by international, European and national aviation law and international aviation organizations. Activities supporting the

formalization of aviation safety culture are carried out by non-governmental organizations, inter alia, through the publication of manuals and recommendations. Activities are supporting the development of a safety culture in organizations.

**In chapter five,** the author focuses on the practical aspects of safety culture and the analysis of the understanding of safety culture in the airline. She showed how the collection of data and the creation of safety indicators influences the shaping of the safety culture in an aviation organization.

**Chapter six** of this dissertation is the author's proposal to use tools and methods to implement the safety culture in an aviation organization. The last chapter of the work is a proposal concerning the directions of improving the safety culture in the future. The factors shaping the safety culture in an aviation organization are related to the law and economy, but also to the safety policy and communication in an aviation organization. Technical progress also influences the safety culture. The economic context and the general condition of the aviation market have a smaller impact on the development of the safety culture than the internal policy of the carrier. The content of the last chapter contains mainly proposals of internal undertakings carried out in the aviation organization in order to improve the safety culture.