

Summary of the PhD thesis titled "Psychosocial conditions
for the sense of security of military pilots' flights"

mgr Tomasz Goździński

directed by: prof. dr. hab. Ryszarda Bery

auxiliary supervisor: dr Grzegorz Sanecki

This Phd dissertation features the issues concerning the sense of security of military pilots' flights in the context of the following elements: the conviction of having the competence and experience of a military pilot, evaluation of the level of trust towards system service and the operated aviation technique, evaluation of the character and manner of performing aviation tasks, the level of trust towards the system of organisation of aviation training, regulations and procedures of conduct, as well as evaluation of the state of infrastructure and weather, geographical and time conditions, with accordance to the theory of interactive influence of factors on the safety of flights.

Sense of security is examined in the context of selected psychosocial conditions: pilots' personal traits, ways of coping with stress, social situations within the service environment (command style and organizational culture).

The whole of this dissertation is composed of seven chapters of a theoretical-empirical nature. The first part introduces the said issues connected with the safety of the pilot's work and presents an overview of psychological concepts within the scope of personal traits, coping with stress, commanding and the organizational climate. The second chapter discusses the methodological basis of own research, conducted in a correlation scheme. The third part is empirical in nature and contains the description of all the gathered data along with a statistical analysis of appearing correlations, leading, this way, to a verification of hypotheses. The dissertation is concluded by discussing the observed interchangeabilities along with a few practical findings towards aviation activity.

The first chapter discusses the specificity of the work as a military pilot, with particular emphasis on the long-range process of aviation training and the expertise necessary to act as an officer of the Polish army and an airship operator.

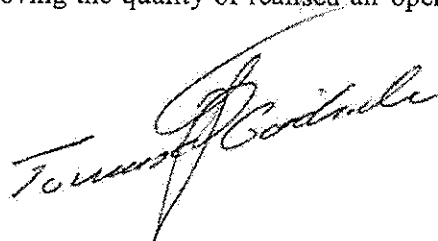
The second chapter brought forth issues concerning task-oriented situations that are normal and hard in the course of service, along with an indication of possible causes and potential hazards while performing aviation actions. A level of reference for the aforementioned will take the form of systematic conceptions for the safety of flights. Furthermore, an operationalisation of the sense of security of military pilots' flights has been conducted in reference to the theory of interaction impact of various factors co-participating during a flight mission.

The third chapter drew attention towards psychosocial conditioning attributed to the work of a military pilot, while putting a particular emphasis towards personal traits and ways of coping with stress. An analysis was conducted towards the organisational culture within the service environment in the aspect of models of command and the organisational-social climate in an army unit.

The next chapter was dedicated to the methodology of own research. In it there were presented the subject, aim and the research model along with a discussion of the problems, research hypotheses and questionnaires used in order to obtain data. The course of the research and the social-demographic characteristic of the examined group was discussed.

The next three chapters (V – VII) contain the diagnose of the sense of security of military pilots' flights and an analysis of selected psychosocial conditions. The empirical part is ended with a presentation of crucial, in a statistical sense, dependencies between the aforementioned variables.

In the conclusion of this dissertation, the obtained data was discussed in reference to the source literature and practical experience, thus verifying the presented research hypotheses. At the end indicated were the practical implications, resulting from the conducted analyses, that may constitute an indication towards further research in the area of security as a key component of the well-being of military pilots, with the aim of improving the quality of realised air operations of the Armed forces of the Republic of Poland.

A handwritten signature in black ink, appearing to read "Tomasz Góral", is located in the bottom right corner of the page. The signature is written in a cursive style with a large, stylized initial 'T'.