

Title: Use of kinetic tests of coordinative abilities for selection of soldiers to the position of an aerial gunner

The aim of work: The work attempts to determine correlations between selected kinetic tests and activities of an aerial gunner in Mi 171Š.

Method: The thesis has a form of a qualitative research of an observation type. The goal of the work was to determine the usability of kinetic tests of coordinative abilities for selection of soldiers to the position of an aerial gunner. A group of ten aerial gunners was subjected to three kinetic tests and activities connected with manipulation with the machine gun PKM 7.62 mm. The gunners were arranged in particular orders according to results they gained in the individual tests. We looked for correlations in these orders. In the course of the subsequent analysis, we mapped relationships between selected kinetic tests and the level of activities of an aerial gunner in Mi 171Š. To analyze the relationships and dependencies between the variables, we used Spearman's rank correlation coefficient and material evaluation.

Key words: Movement abilities, kinetic tests, activities of an aerial gunner