

# ANNOTATION

## **Optimization of Cargo Securing for Off-road Transportation with Emphasis on Transportation Safety**

The project of specific research is focused on securing of cargo on military vehicles with utilisation of textile fastening straps. Prerequisite for the project proposal is different coefficient of acceleration for off-road transportation and normal operation (transportation by standard asphalt road). In such a case, currently used methods for cargo securing can be inadequate for this purpose and a lifetime of fastening straps can be reduced, damaged or cargo or human health can be damaged.

The goal of the project is to modify (revise) ways of cargo securing on military vehicles with emphasis on transportation safety based on the measured coefficients of acceleration in off-road conditions and their statistical assessment.