

AVIATION AND DEFENCE TECHNOLOGIES

30th International Scientific Conference

**TRANSPORT
MEANS
2026**



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Session 6

Online presentations

9 October 2026, 9.00 – 15.00

Chairman – **S. Japertas**

Co-Chairman – **M. Lendraitis**

9.00 – 15.00	Session
11.00 – 11.20	Coffee Break
13.00 – 13.30	Coffee Break

Mission-Level Range Assessment of a Fixed-Configuration Multicopter UAV

M. Gorobetz, Riga Technical University, **J. Masalskis**, SIA DK Unity (Latvia)

Dual-Use Transport Infrastructure and Defence Supply Chain Resilience in Central Europe: An Indicator-Based Framework for Military Mobility Readiness

P. Zamelek, Military University of Technology (Poland)

A Model for Evaluation of Efficiency of Virtual Reality Training Using Psychophysiological and Subjective Indicators in a Military Environment

M.A. Lacane, **A. Nagle**, National Defence Academy of Latvia (Latvia)

Analysis of Psychophysiological Responses and Development of a Virtual Reality Load Assessment Model in Military Training

M.A. Lacane, **A. Nagle**, National Defence Academy of Latvia (Latvia)

Challenges of Using Unmanned Aerial Vehicles as Weapon Platforms

I. Papp, B. Békési, L. Gajdács, Ludovika University of Public Service (Hungary)

Aircraft Selection for Aerial Fox vaccination

L. Nosál, A. Novák, University of Žilina (Slovak Republic)

The Influence of Additional Weight on Barrel Vibration and Firing Accuracy

P. Baláž, Armed Forces Academy of Gen. M. R. Štefánik (Slovak Republic), **I. Pemčák, M. Macko**,
University of Defence (Czech Republic)

Target Tracking Analysis

M. Mozol'a, T. Rázga, Armed Forces Academy of Gen. M. R. Štefánik (Slovak Republic)