

## A. Article

## 1. Theories, concepts and doctrines

Title in English:	<b>CONTEMPORARY UNDERSTANDING OF INSURGENCY: INSIGHT INTO THINKING OF DAVID KILCULLEN</b>
Author(s):	<b>Bc. Tomáš KAVÁLEK</b>
Language:	Czech
Keywords:	Insurgency, Kilcullen, globalized islamic insurgency, counterinsurgency, insurgent tactics, accidental guerilla syndrome.
Abstract:	The article offers insight into contemporary understanding of insurgency; specifically it focuses on writing of nowadays well-known counterinsurgency theorist David Kilcullen. Goal is to present Kilcullen's specific social-science approach towards analysis of insurgency as well as introduce some of his texts and identity key terminology, concepts and models used in them. Consequently we further describe those key elements of his works and also discuss about their translation into Czech language. Contemporary Czech and foreign academic and military discourse in translation and understanding of those terms is also taken into consideration. Specifically, paper deals with Kilcullen's general understanding of concept of insurgency, concept of globalized Islamic insurgency, insurgents' tactics, and model of emergence of accidental guerilla.

Title in English:	<b>AIR TECHNICAL AND FUNCTIONAL SUPPORT IN THE CZECH ARMED FORCES</b>
Author(s):	<b>Dipl. Eng. Jiří POHLODEK</b>
Language:	Czech
Keywords:	Air Technical and Functional Support, Airfield Support, Airfield Technical Support, Air Base.
Abstract:	Support of flying operations organized on military air bases represents complex of steps, procedures, connections and responsibilities. Air Technical and Functional Support belongs to one of the most important areas that make flying activities safe. In addition to that, air technical and functional support executes maintenance and repair wheeled and special vehicles. The author of the article explains in detail the role of that service and shows its position within the Czech Air Force logistic system. The

	author analyses possible legislative ways of corrections of current military regulations and discusses possible use of a new military publication that is being created nowadays in accordance with valid regulations. He touched controversial terminology terms and questionable issues of command and control of the Czech Air Forces logistic. In conclusion the author gives readers information about new military publication “Air Technical and Functional Support in the Czech Armed Forces” that will be ready to be issued in a short time.
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## 2. Experience and knowledge acquired in operations

Title in English:	<b>THE MEDICAL SUPPORT AND THE AEROMEDICAL EVACUATION OF THE CZECH ARMED FORCED</b>
Author(s):	<b>MAJ. Dipl. Eng. Janka KOLÁČNÁ KOSECOVÁ</b>
Language:	Czech
Keywords:	Casualty Evacuation, Forward/Tactical Aeromedical Evacuation, Strategic Aeromedical Evacuation, Aeromedical Evacuation, Center Emergency Medical Service.
Abstract:	The aim of this article is to apprise readers of the Aeromedical Evacuation such as one of the important parts of Medical Support of the Czech Armed Forces. The first part includes definitions of the basic terms of the Aeromedical Evacuation. Next, the history and the present state of the Aeromedical Evacuation are described. Furthermore, the main tasks, principles and rules of NATO Medical Support are depicted. A separate chapter is devoted to the description of military aircraft and helicopters that currently provide Aeromedical Evacuation in the Czech Armed Forces. The important part of the article informs about highly trained professional staff and significant tasks of the Center Emergency Medical Service regarding the Aeromedical Evacuation. Finally, real cases of the Strategic Aeromedical Evacuation are described.

## 3. Foreign studies and experience acquired in operations.

Title in English:	<b>ARMED FORCES OF BALTIC STATES AND THEIR DEVELOPMENT SINCE THE SOVIET UNION COLAPSE</b>
Author(s):	<b>S/Sgt Bc. Jan SMETANA</b>
Language:	Czech

Keywords:	Estonia, Latvia, Lithuania, Russian Federation, Baltic region, Kaliningrad, security, armed forces, military strategy, NATO, EU, military cooperation, transformation, defence.
Abstract:	The security situation in Baltic Sea area has changed since the failure of the Soviet Union. The Armed forces of the three Baltic states (Estonia, Lithuania and Latvia) and their security strategies were transformed because of this changes. This article would like to describe the basic transformation of the armed forces and security strategies of the Baltic states. These three states are use for this article because of their similar history (especially during last century), geography and similar relations with the Russian Federation. The relations with western structures (NATO and EU) are important, as well. Their current strategy is interesting because of the contrast. On the on hand, there is the Russian income to the Baltic states (especially foreign investments) and on the other pro-western orientation of the Baltic states foreign policy.

#### 4. Personnel training

Title in English:	<b>EXPERIENCES FROM THE CZECH ARMED FORCES CHEMICAL CORPS' SPECIALISTS GROUP TRAINING AS A TOOL OF IMPROVEMENT OF MILITARY CHEMISTS' SPECIALIZED ACCREDITED PREPARATION</b>
Author(s):	<b>LTC Dipl. Eng. Pavel OTRÍSAL, Ph.D., MBA Dipl. Eng. Jozef KUČÍK, Ph.D.</b>
Language:	Czech
Keywords:	Group training, Joint CBRN Defence COE, NBC Defence Institute, radiological and chemical survey, observation.
Abstract:	Within days from the 28th to 30th of May 2013 a group training of the Czech Armed Forces Chemical Corps specialists ranked into a organizational structure of the Centre of CBRN Protection (in NATO known as the Joint Chemical, Biological, Radiological and Nuclear Centre of Excellence – Joint CBRN Defence COE) has been performed. Based on a request for the training realization even students of the University of Defence who study a final, thus the 2nd year of a magister extension of a branch of the Military Chemistry, has been required. A paper, based on a brief theoretical explanation of importance of university education and the assessment of experiences gained in

	a framework of the group training, points to the necessity of mutual connection of theoretical and practical preparation of both the Czech Armed Forces Chemical Corps specialists with the University of Defence's students.
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Title in English:	<b>MILITARY LANGUAGE EDUCATION USING TRADITIONAL AND MODERN METHODS</b>
Author(s):	<b>Col. Dipl. Mag. Manfred GRATZER, MSD Dipl. Eng. Josef VYSKOCIL, MSc</b>
Language:	Czech
Keywords:	Language education, other languages, technical language, terminology, traditional language education, own and foreign military language, new and modern methods of education, distance learning.
Abstract:	The article deals with language education. But not during compulsory schooling, with which we are so familiar, but rather language education after compulsory schooling – and especially in technical language for soldiers, that is education in military language and terminology. The nucleus of this article addresses the issues of new and modern teaching methodology and how they can be applied to teaching military languages. Why is it important and necessary to learn military language and what is the target audience? Military language consists of a number of different types. The new methods available to the modern language trainer allow an easier, faster, better and more flexible and economical use of native speakers. These resources make it possible to save time which would normally be wasted on organizational measures, which are necessary in our traditional regimes. Traditional methods of language education can be supplemented (but not replaced!) by modern means.

Title in English:	<b>THE SOLUTION OF THE BATTLE TASK BY THE UNIT COMMANDER IN PREPARATION FOR THE FIGHT IN EIGHT STEPS</b>
Author(s):	<b>MAJ. Dipl. Eng Bohumil HOLENDA</b>
Language:	English
Keywords:	Troop, commander, troop leading procedures, battle order.
Abstract:	The commander unit should be able to prepare and control the fight. The aim of this article is to apprise of the decision-making and planning process on the level of the unit according to the standard used for NATO forces. This is the process of "Troop

	<p>Leading Procedures" (TLP). The second goal is to describe and explain procedure of a commander units in the resolution of combat task using TLP. This procedure begins receiving combat task and ends with the issue of combat order. The article is designed especially for students of the University of Defence, who are trained on the systemized workplace of the platoon leader and the new commanders of units at all levels of command (Commander of the squad, platoon leader, company commander). The reason for writing this article is to contribute to the improvement of the preparation of the lowest unit commanders in preparation for the fight.</p>
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### 5. Military technologies, economics and management

Title in English:	<b>VIBRODIAGNOSTICS AS A TOOL FOR FAULT DETECTION ON MACHINERY</b>
Author(s):	<b>Dipl. Eng. Jaroslav HRUBÝ</b>
Language:	Czech
Keywords:	Vibrodiagnostics, Vibrations, Machinery, Dynamic, Mechanical.
Abstract:	<p>This article deals in brevity about the usage of vibrodiagnostics as a non-invasive method for health monitoring of machinery. This method is well-known and used in different kinds of industry worldwide (energy industry, transportation etc.). The main task of vibrodiagnostic is diagnostics of possible failures on different types of machinery. The diagnostics is based on measuring of vibrations during time. The detection of vibration is provided via sophisticated instrumentation. The instrumentation for measuring vibrations includes sensors (contact sensors, proximity sensors), special cables and analyzer with computer with required hardware and software. The evaluation of results is provided through software, which allows the usage of spectral analysis. The spectral analysis can be understood as a transfer of measured data from time to frequency domain. Generally it can be said, that if the possible failure cannot be early detected, the result can be damage of the machinery which can cause downtime. Downtime in factory can cause financial loss because the production is stopped.</p>

Title in English:	<b>MONITORING OF OPERATIONAL RELIABILITY OF TATRA T810 VEHICLE IN THE CZECH ARMY CONDITIONS</b>
Author(s):	<b>Dipl. Eng. Jiří CHALOUPKA, Ph.D.</b>

Language:	Czech
Keywords:	Tatra T810, operational reliability, operational conditions.
Abstract:	Author of the article deals with results which were reached at monitoring of operational reliability of Tatra T810 vehicle in the Czech Army conditions. Attention is focused on build up of organizational and informational system in frame of military traffic supervision, which is major for correct function. In article is introduced means of traffic supervision. In article conclusion are introduced practical results, which were established at monitoring of operational reliability of Tatra T810 vehicles in relation to values of traffic with realization of basic analysis.

Title in English:	<b>TRANSPORT OF DANGEROUS THINGS - DISCLOSURE, DOCUMENTATION, TRAINING OF PERSONS</b>
Author(s):	<b>Dipl. Eng. Zdenek MÁLEK, Ph.D. Associate professor, Dipl. Eng. Miroslav TOMEK, Ph.D.</b>
Language:	Czech
Keywords:	Dangerous Things, Safety of Transport, Training of Persons.
Abstract:	To ensure the safe transport of dangerous things must be before its actual implementation take a series of concrete measures with emphasis on the readiness of personnel, equipment and the environment. Army of the Czech Republic, as well as other entities realizes large quantities of Dangerous Things (sometimes referred to as hazardous substances). These include in particular fuel, as well as ammunition, explosives, chemicals and other dangerous things related to the activities of the army, its training and use. This is necessary to know a lot of information enshrined in laws, rules and regulations. An essential part of implementers transport of dangerous things is the training of operators immediate implementation of this activity. The article deals with selected information from the issue of the transport of dangerous substances. Emphasis is placed on road and rail transport. This article summarizes the necessary activities and facts useful for the training of specialists involved in the carriage of dangerous things.

### 1. Review

Title in English:	<b>TAKTICAL STABILITY ACTIVITIES AND TASKS</b>
Author(s):	<b>Capt. Dipl. Eng. Jindřich BALARYN Dipl. Eng. Štefan ZIGO</b>
Language:	Czech
Keywords:	Tactical stability activities, Tactical stability tasks, Patrolling, Route control, Crowd control, Monitoring, Cordon and search, Protection of personnel, organizations, properties, minorities, borders, areas.
Abstract:	The authors of this article explain basic information concerning Tactical stability activities in accordance with the Allied Tactical Publication ATP – 3.2.1.1 that is called Guidance for the conduct of tactical stability activities and tasks. The aim of the article is to introduce each type of Tactical stability activities and the operational environment including all capabilities which are provided in a wide spectrum of activities. The authors address a chapter of the publication the Security and Control. The types and roles of the Tactical stability activities are clarified in this article and the authors explain the necessity to implement this doctrine in the Czech Armed Forces.

### 2. Current information

Title in English:	<b>ACCESSORIES OF THE MILITARY DECORATIONS</b>
Author(s):	<b>Dipl. Eng. Karel JANÁČ</b>
Language:	Czech
Keywords:	Decoration, medal, war cross, palm, star, linden leaf, bar/clap).
Abstract:	The main theme of this article is the military decorations that were used by the French and Belgian Armed Forces during the WW1 and WW2. The article also describes the variants of accessories such as stars, lions, palm and tags. Firstly, the Croix de Guerre, (English translation Cross of War) is a French military decoration to honor people who fought with the Allies against Axis alliance. The same military decoration was used in Belgium. The significant part of article explains who can be awarded this decorations and also system of given rules to be bestowed by them. After that, military awards and decorations were also created to commemorate participation in individual

	<p>figths. Consequently, this information is explained in this part of the article. Finally, the author describes the accessories that were introduced in accordance with the others states during the WW1 for members of the Czechoslovak legion and also during the WW2 for military personnel of the Czechoslovak Army abroad.</p>
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Title in English:	<b>REPORT FROM AN INTERNATIONAL CIVIL-MILITARY EXERCISE,,CIMEX 2013“</b>
Author(s):	<b>Cpt. Dipl. Eng. Tomáš NOVÁK</b>
Language:	English
Keywords:	Civil-Military Co-operation, Civil-Military Exercise, Interallied Confederation of Reserve Officers, Civil-Military Co-operation Centre of Excellence, CIMIC, CIMEX 2013, CIOR, CCOE.
Abstract:	The Author of this report describes a course of action, timetable and outcomes from the international Civil-Military Exercise (CIMEX) 2013. At the beginning the background of CIMEX 2013 is shortly introduced as well as the organizations which have participated on the preparation of CIMIC <sup>1</sup> exercise and represent CIMEX 2013 custodian organization. Additionally, the whole five-day-long CIMIC seminar and exercise is described in details, since everyday schedule is outlined. At the end general conclusions and recommendations are added.

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<sup>1</sup> Civil-Military Co-operation