

## 1. Theories, concepts and doctrines

Title in English:	<b>SOME ASPECTS OF CBRN DEFENCE MEASUREMENTS AND CHEMICAL SUPPORT INTEGRATION IN CAF</b>
Author(s):	<b>LTC Dipl. Eng. Pavel OTŘÍŠAL, Ph.D., MBA Dipl. Eng. Jozef KUČÍK, Ph.D.</b>
Language:	Czech
Keywords:	Chemical corps, chemical support, CBRN Defence, Czech Armed Forces.
Abstract:	In 2011 started to be valid a military rule named Force protection in NATO Land Operations Oper-1-3. This rule enables to introduce Allied Joint Publication AJP-3-14 "Allied Joint Doctrine for Force Protection" in a practice life. A paper deals with some aspects and accesses for fulfillment of demands set in Oper-1-3 and problems with its realization into a practice. The paper introduces current valid Czech definitions of Armed Force Chemical Corps, CBRN Defence and chemical support and it suggests a possible content of "CBRN Defence" regarding demands fulfillment set in AJP-3-14.

Title in English:	<b>CARRYING OUT OF APPROVED CZECH MILITARY FORCES DOCTRINAL SYSTEM IN THE FIELD OF TACTIC AND OPERATIONAL SKILLS</b>
Author(s):	<b>Dipl. Eng. Milan SOJKA</b>
Language:	Czech
Keywords:	Doctrinal system, military doctrine, military regulation, military publication, manual, STANAG.
Abstract:	The author of the article addresses the issue of carrying out of approved Czech Military Forces Doctrinal System in the field of tactic and operational skills. He delimits the relation between doctrines and internal regulations. He elucidates the issue of military regulations development after the Ministry of Defence Order nr. 29/09 about preparation, approval and announcing of Ministry of Defence internal regulations and Ministry of Defence bulletin publishing came in power. The first part elaborates on current legislative frame for military regulations development. The second part is dedicated to the issue of Czech military forces accession to NATO standard agreements. The last part tackles

	the lack of tactic and operational skill regulations, and offers several possible solutions.
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## 2. Experience and knowledge acquired in operations

Title in English:	<b>FLIGHT SAFETY IN AIR TRAFFIC CONTROL IN THE CZECH REPUBLIC</b>
Author(s):	<b>LTC Dipl. Eng. Richard ŠTECHA</b>
Language:	Czech
Keywords:	Flight safety, human factors, air traffic controller, incident, separation minima infringement, day-time, season, workload, time on duty, time after break, length of service.
Abstract:	Flight safety is in conjunction with demand on effective and well-ordered air traffic flow essential requirement of modern society. The flight safety is subject to proper human and machine operations. The paper is focused on impact of objective and subjective aspects on human factors in the air traffic control in the Czech Republic. Within European Union (EU), there is reported decreasing number of incidents in the airspace with contribution of air traffic management (ATM) in the last 7 years (2005 – 2012). The downward trend is perceptible in the Czech Republic as well. In years 2002 – 2011 was reported 73 incidents (and no one accident) in Flight Information Region (FIR) Czech Republic where civil air traffic controllers (ATCo) were involved. The aim of the article is to analyze and evaluate importance of season, day-time, time on duty and time after break and ATCos' service on occurrence of event.

Title in English:	<b>THE HELICOPTER EMERGENCY MEDICAL SERVICE AS ONE OF THE FORMS OF THE CZECH REPUBLIC MILITARY COOPERATION WITH THE INTEGRATED RESCUE SYSTEM</b>
Author(s):	<b>LTC Dipl. Eng. Richard ŠTECHA</b>
Language:	Czech
Keywords:	Emergency Medical Service, the Helicopter Emergency Medical Service (HEMS), Integrated Rescue System, Pre-hospital Emergency Care.
Abstract:	The main theme of this article is a Helicopter Emergency Medical Service, which is an integral part of the emergency medical services. The aim is to clarify the position of this service

	<p>as a part of the Czech Republic Integrated Rescue System. The article also informs a reader about basics of the Helicopter Emergency Medical Service execution by military personnel and military assets. The first part includes definitions of the basic terms regarding the Helicopter Emergency Medical Service. Next, the history and the present state of the Helicopter Emergency Medical Service are described. The important part of the article informs about well-educated staff and sophisticated modern medical devices of the Center Emergency Medical Service.</p>
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### 3. Foreign studies and experience acquired in operations.

Title in English:	<b>FRENCH STRATEGY FOR THE PROTECTION AND SECURITY OF INFORMATION SYSTEMS</b>
Author(s):	<b>RNDr. Eva KOSTRECOVÁ, Ph.D.</b>
Language:	Slovak
Keywords:	Critical Communication Information Security, Information Systems Protection, Infrastructure, Cyber Attacks, Cyberspace, Strategy Objectives, Strategy Supporting Lines, Threats.
Abstract:	<p>This article presents the strategy of France in the area of Information Systems Protection and Security, which was published on 15th February 2011 in a press communiqué by the French National Agency for Information Systems Security. The strategy was established as one of the priority tasks that were set in the White Paper on Defense and National Security to ensure the protection of cyberspace. Its subject consists of four main goals and seven supporting lines which are described in detail in the present article. For each goal and line are presented the possible threats, incentives and general suggestions and specific measures taken by the competent authorities in all areas. There is also indicated the progress in the implementation of the goals and the relevant measures.</p>

Title in English:	<b>PERSPECTIVE OF INDIAN NAVY DEVELOPMENT</b>
Author(s):	<b>Jan TENORA</b>
Language:	Czech
Keywords:	Indian navy, naval strategy, maritime force building, aircraft carriers, Monroe Doctrine.

Abstract:	<p>The purpose of this article is to analyze implications of India's maritime military build-up for the future. Two distinct areas, which are keys for the future of navy and its role, are addressed. On the one hand, it is development and ship building, but also Indian strategic principles for the maritime domain. On the other hand, there is a focus on the development of Indian naval strategy concerning conceptual documents of the Navy and also more abstract archetypes of thinking about the role of Indian Navy. Regarding naval capacity building, it is evident that India tries to create significant sea power. This effort seems to be successful, which is demonstrated by a volume and character of contracts. In terms of strategic outlook the situation is fuzzy because of unclear Indian security policy interests. Though it is possible to use concept of Monroe Doctrine to create three scenarios of future India's ambitions regarding maritime domain.</p>
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#### 4. Personnel training

Title in English:	<b>MISSION SPECIFIC TRAINING FOR REGIONAL COMMAND HEADQUARTERS</b>
Author(s):	<b>Brigadier general Jaromír ZUNA, Ph.D.</b>
Language:	English
Keywords:	Mission Specific Training, Training plan, Regional Command, Training objectives, Specific training objectives, Functional Area Training, Functional Area Systems Training, Lecture, Roundtable discussion, Panel discussion, Media training, White Cell, International organizations, Governmental and Non-governmental organizations, Subject Matter Expert, ANSF.
Abstract:	<p>The integral part of the Regional Command Headquarters training for the ISAF mission is the Mission Specific Training. Although the Mission Specific Training supports achievement of the majority of the main and specific mission training objectives it only scarcely finds its place on the pages of professional military magazines. Also, only a few training centres exist which are designated for training of the ISAF Regional Commands. That even further limits attainment of the information about this type of training. Therefore, the aim of the article is to partially fill this informational gap and provide overview about the JFTC's approach to the organization of the Mission Specific Training. Content of the article covers the structure of the</p>

	exercise, purpose and training objectives of the Mission Specific Training, forms, methods and content of the training. The article represents one of the possible approaches to the organization of this training and our experience with it.
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Title in English:	<b>MILITARY GRADES AWARDING FOR LOGISTICS PROFESSIONS</b>
Author(s):	<b>Capt. Dipl. Eng. Michal ZELENÁK</b>
Language:	Czech
Keywords:	Military grades, criteria and standards, logistics, competition, specification.
Abstract:	This article briefly reflects on the current system of granting of military grades in the Army of the Czech Republic. It describes the present state and tries to identify its inherent risks. The second part of the article is devoted to the granting of military grades in the area of logistic expertise that are not currently governed by any internal regulation. The article presents its own criteria for the granting of military grades to selected types of logistic expertise. The conclusion offers several suggestions to simplify the current system of the granting of military grades and to make the process more transparent. This article does not have ambitions to replace the provisions of the internal regulations and probably does not solve the problems of the selected types of logistic expertise. Readers with experience from other areas of logistics will find many points with which they can agree, as well points with which they might disagree. However, the objective of the article was to demonstrate that it is possible to establish appropriate criteria also in the so far neglected area of logistics.

Title in English:	<b>MULTINATIONAL EXERCISE RAMSTEIN ROVER 2012</b>
Author(s):	<b>1LT Dipl. Eng. Jan HRDINKA</b>
Language:	Czech
Keywords:	RAMSTEIN ROVER 2012, Close Air Support – CAS, Forward Air Controller – FAC, Host-Nation Support – HNS, Joint Fire, Rules of Engagement – ROE, Exercise Operation Order – EXOPORD, Exercise Plan – EXPLAN, Special Instructions – SPINS, Air Tasking Order – ATO, Airspace Control Order – ACO, International Security Assistance Force – ISAF.

Abstract:	<p>The author of the article deals with the multinational exercise RAMSTEIN ROVER 2012, which took place in the Czech Republic from 5th September to 21st September 2012. The aim of the article is to inform readers about this multinational exercise as a whole. Firstly, the article evaluates how this exercise influences the Forward Air Controllers readiness to fulfill their tasks within International Security Assistance Force ISAF. Next, the goals of this exercise including training of Land Forces and air crews are explained in this article, too. The author also describes the chain of command and control of the exercise. Finally, the significant part of this article focuses on capabilities to improve and provide Host Nation Support for units and means from the North Atlantic Treaty Organization which were deployed in the Czech Republic during the exercise.</p>
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## 5. Military technologies, economics and management

Title in English:	<b>MAN-PORTABLE AIR DEFENCE SYSTEM “ROBOT SYSTEM 70” – INTRODUCTION INTO THE CZECH ARMED FORCES AND TRAINING</b>
Author(s):	<b>1LT Dipl. Eng. Tomas DĚDOCH</b> <b>Capt. Dipl. Eng. Frantisek GRMELA</b>
Language:	Czech
Keywords:	Man-portable air defence system (MANPADS), very short air defence (VSHORAD), RBS-70, surface-to-air missile (SAM), ground based air defence (GBAD), Training Command – Military Academy.
Abstract:	<p>The authors of the article elaborate on implementation of man-portable air defence system (MANPADS) Robot system 70 (RBS-70) into the air defence system of the Czech Armed Forces. First chapter of the article describes the SA7 Grail system, the predecessor of Soviet origin, and states reasons for replacement of it by an up to date system. Second chapter of the article addresses possibilities, and options for new choice of MANPADS in the Czech Armed Forces. Five other very short air defence systems, also subjects of the option, are briefly introduced. Each system is shortly characterized, and its main attributes are listed. Third chapter shortly informs about history and main focus of Svenska Aeroplan Aktiebolaget (Saab), the Swedish company, which produces the chosen RBS 70 MANPADS. Description of the system and a comparison between the SA7 Grail and the RBS 70 follows in fourth chapter. Fifth chapter brings further information about each part of the</p>

new system. At the last chapter authors apprise readers of crew training system, and training equipment, available in the Czech Armed Forces.



1. Review

Title in English:	<b>CONTRIBUTION TO THE MULTINATIONAL CAPABILITY DEVELOPMENT CAMPAIGN 2013-2014 (MCDC 2013-2014) FOCUS AREAS</b>
Author(s):	<b>COL Dipl. Eng. Petr MARKVART, Ph.D.</b>
Language:	Czech
Keywords:	Combined Operational Access; Multinational Capability Development Campaign; Combined Forces; Operational Effectiveness.
Abstract:	The Multinational Capability Development Campaign (MCDC) series is a follow-on to the Multinational Experiment (MNE) series initiated by United States Joint Forces Command in 2001. It is designated to develop and introduce new capabilities to enhance the coalition force's operational effectiveness in joint, interagency, multinational, and coalition operations. While it maintains the foundational blocks that made the MNE series successful, MCDC incorporates significant changes in scope, mission, and governance that improve responsiveness, agility, and relevance.

2. Current information

Title in English:	<b>WHERE ARE YOU GOING, FINABEL?</b>
Author(s):	<b>Dipl. Eng. Michal ROČKÁR</b>
Language:	Czech
Keywords:	Finabel; land forces (Army); evolution; future; reflection; European Doctrine Centre; doctrines; studies.
Abstract:	The article is a contribution to a popularization of the Finabel organization. The author of the article has provided readers with the basic factual information about Finabel in the previous edition of The reviewed continuing on-line source called Doktriny [1]. In this article, he deals with the key question, which Finabel is now facing – What is the future of Finabel? The text also provides readers concerned with a link to the Czech translation of the Finabel Status, 2011 edition. Readers are introduced into an initial situation, when Finabel is going to deal with its existential question about its future on the 60th Finabel foundation anniversary. In the article, the author familiarizes

	<p>readers with the content of two basic documents, which are the starting point for the discussion about the Finabel's future. There are not only the existential questions put in those documents, but also some proposals solving the questions for the subsequent discussion. The article is concluded with the previous Land Forces commander general Kaleta's quotation about the reasons, why the Czech Republic jointed Finabel and appeals the Czech Army members to participate on the discussion about the Finabel's future.</p>
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Title in English:	<b>THE PREPARATION OF CZECH REPUBLIC MINISTRY OF DEFENCE PERSONNEL (INFORMATION ABOUT FORTHCOMING OPERATIONAL DOCTRINE)</b>
Author(s):	<b>RNDr. František HERODEK Dipl. Eng. Jaroslav ZAPLETAL, CSc.</b>
Language:	Czech
Keywords:	Preparation of Czech Republic Ministry of Defence Personnel, operational doctrine, qualification prerequisites, qualification requirements, methods, forms and means of preparation, education and training.
Abstract:	The article elaborates on forthcoming operational doctrine, named "The Preparation of Czech Republic Ministry of Defence Personnel". The operational doctrine follows a military publication, called Preparation of Czech military forces personnel. The former enhances, updates and fundamentally extends the latter. The doctrine will provide managers, commanders, personnel department officers, and many others, who participate on personnel preparation, like teachers, lecturers and instructors with necessary information about the issue of personnel preparation. All professional soldiers, civilian employees and active reserves will also find there basic information about Ministry of defence personnel preparation, i.e. education and training.

Title in English:	<b>SHOOTING TRAINING IN THE CZECH ARMED FORCES PREPARATION SYSTEM</b>
Author(s):	<b>Dipl. Eng. Jaroslav ZAPLETAL, CSc. RNDr. František HERODEK</b>
Language:	Czech

Keywords:	Training of the Czech Armed Forces, structure and readiness of the Czech Armed forces potential adversary, technological and information domain, time domain, preparation principles, systematic sequence, preparation system, curriculum, knowledge, skills, habits, firearms training instructor, shooting.
Abstract:	Based on Ministry of Defence internal documents, the authors of this article introduces, how to constructively approach the shooting training issue, which is one of the cornerstones of the Czech Armed Forces preparation system. The aim of the article is to underline the influence of internal conditions and changed character of security environment on the Czech Armed forces preparation system. The first part of the article focuses on documents, which in a way evaluate current security situation and establish basic requirement for the preparation system. The second part of the article is focused on status of commanders in the system of firearms shooting training. It addresses the problem, how to understand the importance of preparation principles and systematic sequence in entire soldier's training. Further more it elaborates on the position of firearms shooting instructors in the system. They should participate in organization and control of firearms shooting training in frame of their units. The goal of the article is not to describe individual documents, but to emphasize the task of commanders (instructors, teachers) when organizing firearms shooting training. Further more, the meaning of the article was to say that firearms shooting training is not just simple shooting.