

ABSTRACT

MILITARY ORGANISATION AND FORCE DEVELOPMENT

- Lt. Col. László József Deme: Preparing for the warfare of the future – The new US Army operating concept 3
- On 31th October 2014, the U.S. Army Training and Doctrine Command (TRADOC) issued the latest U.S. Army Operating Concept (AOC) titled *Win in a Complex World 2020-2040*. The AOC describes how Land Forces will prevent the escalation of conflicts, shape their security environments, and win wars in joint and multinational environments in order to accomplish campaign objectives and protect US national interests. The AOC identifies the fundamental capabilities of the branch in support of the USA's security strategy, and envisions potential future armed conflicts, the USA's possible adversaries, and directions of the future force development of the US Land Forces.
- Keywords: Operating concept, conflicts and challenges, security environment, joint operations, force development directions

- Col. (Ret.) László Nagy (Eng) – Tamás Somogyi: The geopolitics and armed forces reforms of Russia (1.) 25
- The geopolitical position of the Russian federation is binary: it both entails significant opportunities and immense challenges. Its boundless expanses – rich in mineral resources – make it virtually impossible to conquer while its thousands of kilometres long borders make it almost impossible to defend. In addition, for centuries there has been a deep-rooted imperial attitude in Russian political thinking, which has led to a viewpoint that highly (very highly compared to Hungary) values the role and significance of the armed forces. Also, if taken into consideration that Russia has serious influence on the security policy landscape of Europe and that it is the well-known ambition of Russian President Vladimir Putin to re-establish and maintain Russia's previous status as a superpower, it becomes clear why certain authors have chosen the continuous reform of the Russian armed forces as the topic of their research; a topic which may be also extremely popular among the Hungarian readership.
- Keywords: Russian Federation, armed forces, reform of the armed forces, geopolitics, President Putin

INTERNATIONAL ACTIVITIES

- Zoltán Prantner: The female adversaries of the Islamic State in Iraq and Syria 39
- Throughout history, Kurdish women have often supported their men in their fights from the background. However, since the rapid emergence of the Islamic State in 2014, the number of women taking up arms to fight the terrorists has also risen. This paper describes the motivations of these volunteers in their decision and the criticism they face on behalf of conservative men. It analyses in detail their significance in the propaganda and on the battlefield, and also summarizes the arising questions related to the anatomy of Kurdish territories as well as the future of emancipation processes.
- Keywords: Islamic State, Peshmerga, Sinjar Women's Protection Units, Kobani, Women's Protection Units, Yazidis, terrorism
- Nóra Pákozdi: The geopolitical significance of Algeria before and after the Arab Spring 52
- The series of uprisings which started in 2011, labelled the Arab Spring, have set in motion political, economic and social changes that have also had considerable ramifications for the international community. Algeria's importance was determined by its strategic location as well as its social environment that embodies the very essence of the region's greatest question – the contrast between a secular leadership and an Islam-centred political and social system. Therefore, the country has had and continues to have a central role in the security and geostrategic significance of the region. Algeria is also crucial to stopping the destructive international effects of the Arab Spring that result in a threat that is difficult to contain. The aim of the analysis is to present Algeria, the region's biggest country, from the viewpoints of geopolitics and foreign policy with a special emphasis on the changes Algeria has undergone in recent years, as well as the strategic aims the country has set as responses to the present challenges.
- Keywords: Arab Spring, Algeria, Morocco, Maghreb, North Africa, Western Sahara, migration

COMMAND TRAINING

Lt. Col. Zsolt Szilágyi: The river border-barrier deployment capabilities of the Hungarian Defence Forces62

Due to its geostrategic location, Hungary has several border rivers, including Europe's second longest river, the Danube, which flows through ten countries and is the most important water transit route of the region. As a member of the EU and a southern country of the Schengen Area, Hungary is responsible for the control of persons and vessels entering the EU. As a result of closing the land routes of the mass migration which started in 2015, it is possible that the illegal crossing of the Hungarian borders will shift to our waterways, more precisely to the Danube. Therefore, there might be a need to involve the Hungarian Defence Forces in the protection of Hungary's border rivers. Based on his personal experience and research, the author presents the existing border protection system, and the military capabilities that can contribute to river policing and river barrier construction tasks.

Key words: EU Strategy for the Danube Region, Danube River Forum, border river protection system, migration crisis, illegal migration, temporary border fence, river barrier, warship

Captain Attila Novák – Lt. Col. Andrea Sótér – 2nd Lt. Zsófia Rázsó – Lt. Col. Zsolt Juhász: The fight against obesity: The Hungarian Defence Forces Body Composition Program I.

Morphology and Methodology74

Obesity can be regarded as a worldwide pandemic present both among the civilian population and military personnel. According to the predictions, 80% of Europe's population will be obese by 2030; a trend of such proportions that it demands immediate action on behalf of the experts. The Body Mass Index is used worldwide to identify obesity, and there are other methods as well to identify the exact ratio of body fat (MRI, CT, UH, DEXA, BIA). Obesity is an incurable, recidivating, and chronic condition and its greatest threat – apart from the possible complications – is that it reduces physical performance, which is one of the basic requirements of serving in the armed forces. Taking into consideration the relevant data (weight, BMI, body fat ration), soldiers now have the possibility to participate in the Hungarian Defence Forces Body Composition Program, which is provided by the Department of Health Promotion of the HDF Medical Centre as a form of prevention. As part of the body weight rehabilitation program – that has been established after the analysis of international research – all units have been issued with body mass index measuring instruments. The aim of the Hungarian Defence Forces Body Composition Program is to support Hungarian military personnel in meeting the physical requirements and in a complex lifestyle change based on the individual and objective body analysis results.

Keywords: obesity, military physique, prevention, body weight rehabilitation, Hungarian Defence Forces Body Composition

Zoltán Völgyi: The psychological training of personnel involved in information operations based on interpersonal relations87

The organisation, planning, and execution of activities related to the cognitive dimension of information operations is becoming more and more emphasized in modern warfare. It is of paramount importance to identify those individual requirements that are essential for the success of the execution of these operations. These competencies determine the selection criteria and training directives of personnel, thus enhancing the strategic advantage at operational level. According to military psychological research and experience, psychological expertise is crucial to such training activities. This paper presents the theoretical fundamentals of a psychological training system that improves the operational efficiency of the personnel involved in information operations based on interpersonal relations.

Key words: information operations based on interpersonal relations, cognitive dimension, competences, psychological training

LOGISTICS

Col. Zsolt Béla Erdődi: The possibilities for the modernisation of field lodging systems98

The author presents the current requirements set towards field lodging systems, the modern systems used by the NATO Support and Procurement Agency (NSPA), as well as the possibilities for the modernisation and improvement of the assets of the Hungarian field lodging and support.

Keywords: field lodging and support assets, logistics

MILITARY HISTORY

- Lt. Col. Tibor Balla: The 41st Royal Hungarian Honvéd Division in the 10th Battle of Isonzo 119

Some of the bloodiest battles of the First World War took place probably along the Isonzo River. In 11 major battles, the Italian troops tried to break through the defence lines of the Austro-Hungarian troops on the 80-kilometer-long frontline between the Krn mountains of the Julian Alps and the Adriatic Sea between June 1915 and September 1917. Hungarian soldiers belonging to the Imperial and Royal Army as well as to the Royal Hungarian Army fought at all the significant points of the frontline. The 10th Isonzo battle from 12th May to 6th June 1917 exceeded the previous battles regarding the size and number of participating forces and assets.

Keywords: 41st Honvéd Division, Kostanjevica, caverns, Field Marshall Boroević

- Károly Kranzieritz: The first Austro-Hungarian army groups in the Hungarian special literature, during the build-up in Galicia (August 1914) 129

Terminologies also change; their meanings may expand with time, or might reduce as well as become more precise. Military art is no exception. One of the many innovations brought about by the First World War is the expansion that happened at the highest levels of military organisations. The meanings of the German words *Armeegruppe*, *Armee*, and *Heeresgruppe* and the forces they denoted in the Great War were not always clearly defined in Hungarian military terminology.

Key words: army group, *Heeresgruppe*, army, *Armee*, *Armeegruppe*, military terminology, military units, army units, Hermann Kövess, General of the Infantry Henrik Kummer

FORUM

- László Gondos: Organisation-level anniversaries in the history of Hungarian military aviation 141

Anniversaries and their celebrations with events and commemorations play an important role in the life of a nation, institution, organisation, or military unit. Indubitably, these are the best times to raise society's – and occasionally other nations' – attention to the history, traditions, and present activity of the celebrated institution. The author lists those important events of the history of Hungary's military aviation that offer reasons for organisational-level celebration. This is all the more important because this is the way to clarify when, why, and what we celebrate. Furthermore, it is not always an easy task to find the exact dates of the major events of the 20th century history of Hungary and more precisely of military aviation.

Keywords: independent Hungarian armed forces, Hungarian military aviation

- Márton Lacsny: Patriotic and national-defence education as seen by secondary schools (2) 146

The study is a problem-oriented overview of some highlighted elements of analysis of fact-finding, empirical, education-sociology research which is planned to be executed with the use of fundamentally web-survey online data collection technique. The basic purpose of the research is to allow experts to learn the current attitudes of students, teachers, and heads of Hungarian secondary schools in connection with patriotic and national-defence education, including demands and expectations relating to the future. The study calls attention to the topicality of the examined issue, presents the main directions, highlighted questions, theoretical and empirical hypotheses, pre-planned data sources, target population, data-collection, and analysis-evaluation methodology of the research, and also its potential use and utilisation.

Keywords: patriotic and national-defence education, research, secondary schools, results, responses

REVIEW

- Col. (Ret.) Eng Csaba Gál: International military and military technology review 154

A summary of the latest news in the international military and military technology press.