

## Summaries

**S. Poltorak,**

*Pedagogical Sciences PhD, Professor,  
Minister of Defense of Ukraine, Colonel General*

### **Our Main Priority is the Country's Combat Readiness**

*The author outlines his views as to the main achievements and future tasks for the national Defense Ministry aimed at countering the current foreign aggression and improving Ukraine's combat readiness*

**I. Rusnak,**

*Dr. of Military Sciences, Professor, First Deputy Ukrainian Defense Minister*

### **Ukraine's Military Security in the Context of Defense and Security Sector Reform**

*The author reflects about key tasks, ways and methods of improving Ukraine's defense capability as the main prerequisite for enhancing the country's military security. The article builds upon advisory documents of the High-Level NATO – Ukraine Joint Working Group on Defense Reform*

**P. Tymoshenko,**

*Military Sciences PhD, Senior Research Fellow, Major General, Chief of the Centre for Military and Strategic Studies, Ivan Chernyakhovskyi Ukraine's National Defense University,*

**M. Lobko,**

*Military Sciences PhD, Associate Professor, Leading Research Fellow, Centre for Military and Strategic Studies, Ivan Chernyakhovskyi Ukraine's National Defense University,*

**V. Bocharnikov,**

*Dr. of Technical Sciences, Professor, Chief Research Fellow, Centre for Military and Strategic Studies, Ivan Chernyakhovskyi Ukraine's National Defense University,*

**S. Sveshnikov,**

*Technical Sciences PhD, Senior Research Fellow, Leading Researcher, Centre for Military and Strategic Studies, Ivan Chernyakhovskyi Ukraine's National Defense University*

### **Defense Planning: Overall Logic, Structure and Interconnection of Documents**

*Building on the analysis of interconnections between categories of defense planning, the authors attempt to create a logically integral structure of its tasks, as well as to clarify the relevant place, role, contents and peculiarities of developing defense planning documents.*

**O. Zahorka,**

*Dr. of Military Sciences, Professor, Chief Research Fellow, Centre for Military and Strategic Studies, Ivan Chernyakhovskyi Ukraine's National Defense University,*

**V. Kolesnikov,**

*Military Sciences PhD, Professor, Leading Research Fellow, Centre for Military and Strategic Studies, Ivan Chernyakhovskyi Ukraine's National Defense University,*

**V. Frolov,**

*Military Sciences PhD, Senior Research Fellow, Leading Researcher, Centre for Military and Strategic Studies, Ivan Chernyakhovskyi Ukraine's National Defense University*

### **On the Application of Operational (Combat) Situational Management Principles While Preparing and Conducting Operations**

*The article looks at the principles of situational management of a combined arms operation (combat) and formulates proposals as to the creation of the relevant information and analytical support to be put in place by the national military command and control bodies.*

**H. Pevtsov,**

*Dr. of Technical Sciences, Professor, Deputy Commandant of the Kharkiv Air Force University for Curricula Development, Colonel,*

**S. Zalkin,**

*Military Sciences PhD, Senior Research Fellow at the Science and Research Laboratory of the Air Force Science and Research Centre at the Kharkiv Air Force University,*

**S. Sidchenko,**

*Technical Sciences PhD, Senior Research Fellow at the Science and Research Laboratory of the Air Force Science and Research Centre at the Kharkiv Air Force University,*

**K. Khudarkovs'kyi,**

*Technical Sciences PhD, Associate Professor, Senior Research Fellow, Chief of Science and Research Laboratory of the Air Force Science and Research Centre at the Kharkiv Air Force University, Lieutenant colonel*

### **Russia's Information and Psychological Operations in Ukraine: Models of Influence and Ways to Counter Them**

*The article analyzes peculiarities of information and psychological influence models exploited by the Russian Federation in the Autonomous Republic of Crimea and in the south-east of Ukraine. The authors define key areas, forms and methods of information struggle between the Russian Federation and Ukraine. It is being proposed to establish*

*information and psychological operations cells under sectors of the counter-terrorist operation, with the main missions of these units being formulated in the article.*

**O. Kharchenko,**

*Dr. of Technical Sciences, Professor, Head of the National Aviation Science and Research Institute, Major General,*

**S. Paschenko,**

*Technical Sciences PhD, Associate Professor, Deputy Head for Science and Research, National Aviation Science and Research Institute, Colonel,*

**V. Taranenko,**

*Technical Sciences PhD, Chief of Science and Research Section for Development and Modernization of Aviation Armaments at the National Aviation Science and Research Institute, Lieutenant Colonel*

**Ways of Equipping Aircraft of the Ukrainian Armed Forces with Modern Protection Means**

*Building on the analysis of the currently available aircraft protection means in the national Armed Forces, as well as global trends in developing such protection means, the article proposes ways of equipping Ukrainian military aircraft with efficient protection means in short-, medium- and long-term prospect.*

**O. Velychko,**

*State Expert at the Defense Industrial Management and Military Industrial Policy Department, National Defense and Security Council of Ukraine*

**Methodology Elements of the Program and Target Planning for the Reform and Development of the National Defense Industrial Complex**

*The article looks at methodological foundations of the program and target management, as well as situational control with regard to the development of the national defense-industrial complex. Its author analyzes various targeting stages and options while choosing the future development strategy. The article also examines issues related to presenting scenarios of defense industry's controlled performance and simulates flows of financial, material and other resources circulating in the country's defense-industrial complex.*