

Summaries

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Turkey's Security Policy and Military-Political Relations

This article continues a series of publications focusing on security policy foundations of the states surrounding Ukraine. It looks, in particular, at the historical context, geopolitical views, military and political disputes with other states. Findings of the research in question will provide major input in collecting the initial data required for the development and validation of Ukraine's national defense policy.

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Place and Role of the National Military Medicine Doctrine in Forming Medical Care System for Troops and Civilian Population in Wartime

The article focuses on a number of issues related to providing troops and civilians with medical care during counter-terrorist operations and the so-called «hybrid war» while also analyzing their reasons. The need to develop and approve a national-level legal document defining norms and procedures of providing troops and civilians with medical care in wartime is being underlined by the authors. A particular emphasis is also being placed on the fact that medical services in the Armed Forces

of Ukraine and other security structures, as well as civilian medical care centers must be duly resourced. It is also being pointed out that it is up to the national Government to guarantee adequate functioning of the country's military medicine system and to boost its capabilities.

O. Zatynaiko,

Military Sciences PhD, Colonel General,

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Dr. of Medical Sciences, Medical Service Colonel

Developing Ukraine's Military Medicine Doctrine

The article summarizes the work, which has been undertaken to develop a set of founding principles for the functioning of military medicine system in order to provide medical care to military personnel both in peacetime and wartime.

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Re-equipping the National Armed Forces: Options and Cost Estimates

The article formulates best-case and worst-case options with regard to the prospective technical re-equipment of the Ukrainian military units using as an example a fictitious autonomous mechanized brigade. The relevant cost estimates are also being quoted.

M. Popov,

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V. Podlipayev,

Technical Sciences PhD, Deputy Chief of Staff, A0515 Military Unit, Lieutenant-colonel

Imagery Space Intelligence in Local Military Conflicts

The article reviews currently available means of imagery space intelligence focusing on characteristics of their employment during local military conflicts. The authors discuss prospective ways of increasing efficiency of the modern imagery space intelligence.

V. Khyzhnyak,

Technical Sciences PhD, Senior Researcher, Head of Aviation Science and Research Center at the Ukrainian Civil Protection Science and Research Institute

Posing Tasks of Observation Planning Using Training Area's Measurement Tools during Tests

The article proposes new systemic approaches to holding tests with the view of ensuring their efficiency under the current aircraft flight test patterns, while the availability of various types of resources is limited. The above-said approaches may be put in practice using methods of organizing such tests based on information criteria.

O. Kharchenko,

Dr. of Technical Sciences, Professor, Institute Commandant, Major General,

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Fundamental modernization and upgrading of the Ukrainian Air Force Aircraft – a Modern Requirement

The article offers an in-depth analysis of the current situation with the available Ukrainian Air Force air fleet formulating proposals to improve airworthiness and, generally speaking, increase technical performance of the Ukrainian Air Force equipment for the short-, mid- and long-term prospective.

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Global Trends in the Development of Airspace Management Radars

The article examines major international accomplishments in developing both traditional radars, such as single-position primary and secondary radars, and multi-position passive radiolocation systems and radar systems based on external illumination. The authors prove that an intelligent combination of benefits provided by single-position and multi-position radars represents the most promising global trend in developing airspace management radars.