Resume

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GLOBAL TRENDS OF OFFSET POLICY DEVELOPMENT FOR EXPORT/IMPORT OF WEAPONS

Changes in the offset policy of different states for eфxport/import of weapons for the military industry and economic development, which have emerged in recent years as a result of global changes in the sphere of military-technical cooperation between the countries and the presence of global economic, financial and political crises are analyzed in article.

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PRICING ISSUES OF IMPORTED MILITARY PRODUCTS

The specific pricing for military products, which are imported, and impact of other additional components, which make price to increase twice are disclosed. It is proved that exactly this increase should be taken into account when deciding on purchasing military products from other countries.

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COMPLEX COMPARATIVE ASSESSMENT METHODOLOGY OF WEAPONS AND MILITARY EQUIPMENT

The paper considers the complex comparative assessment methodology of tactical, technical and economic indexes of weapons and military equipment of the same type by introducing a new generalized index and using methods of qualimetry, comparative analysis and expert assessment

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METHODOLOGY OF THE DEVELOPMENT OF CONSTRUCTIVE FUNCTIONAL STRUCTURE OF PROTECTIVE DEVICES OF DYNAMIC TYPE

Constructive functional structure of protective devices of dynamic type is presented. State and development (progressive) trends of protective devices (equipment) of the leading countries of the world are considered using patent information. The principal functions of the elements providing armored type object protection are shown.

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THE METHOD OF «THE MAIN COORDINATE» IN THE THEORY OF THE STABILIZED SYSTEM

The method of parametrical synthesis of the stabilizer of linear object based on usage of «the main coordinate» concept of the stabilized object is offered.

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INFOLOGICAL MODEL OF INFORMATION SYSTEMS EXPLOITATION MANAGEMENT OF VEHICLES FOR MILITARY DESIGNATION

This article proves that border units and bodies of the State Border Guard Service use modern vehicles to ensure efficiency and mobility. Along with this, during their exploitation course, it is highly topical to consider issues concerning the implementation of clear and operational management of gathering reliable information about availability and technical condition of vehicles, availability of the drivers training level, level of technical readiness of border units to the capability of the solution, as planned and unexpected tasks related to the protection of the state border.

In the main part of the article, in the framework of the methodological aspects of developed and proposed by the author the Concept of safe exploitation ensuring of bodies and units of the State border service of Ukraine vehicles under the conditions of state border protection, the implementation method procedure of information support of vehicles safe exploitation under basic conditions has been revealed, by developing infological model of maintenance process of vehicles for military purposes according to the conditions of its safe state on the basis of the linear border detachment.

This model is a reflection of vehicles exploitation process for military purposes, following the conditions of its safe state within the maximum period, provided the conditions of planned technical maintenance.

The developed infological model of information support of the process of vehicles exploitation, allows making the prediction and detection of wide variety of cases occurrence for operational intervention of managers and adoption of specific management decisions.

Key words: information system, vehicle, exploitation.

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METHODICAL RECOMMENDATIONS FOR UP STATE MONITORING OF AN ELECTRICAL SHEET CONNECTORS OF ANTIAIRCRAFT MISSILES

Problems of monitoring of technical state of electrical sheet connectors of antiaircraft missiles (AAM) are considered in the paper. Monitoring is carried out for stated characteristic prolongation. Necessity of monitoring of a transient resistance value of electrical connector plug pins is proved. Recommendations for method of electrical sheet connector up state monitoring are formed with developing of monitoring device on the base of AAM airborne guidance package imitator.

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HYDROACOUSTIC INTERFERENCES AND THEIR INFLUENCE ON THE CONSTRUCTION STRUCTURE OF THE SYSTEM «HYDROACOUSTIC STATION – SURFACE VESSEL» (Part II)

Coming from the task of the systematized research of descriptions of hydroacoustic armament in the real terms, the features of construction of the systems «hydroacoustic station - surface vessel» with taking into account influence on their structure of hydroacoustic hindrances are considered.

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FACETED CLASSIFICATION SYSTEM OF INFORMATION THREATS SPECIFIC TARGET AUDIENCE IN CYBERSPACE

The article suggested faceted classification system of information threats target audience in cyberspace, which eliminates the disadvantages of hierarchical classification systems and makes it possible to receive the information code threats for cataloging, archiving and identification. Using the proposed faceted classification reduces the time required to identify threats to the information in the information sources of the Internet. Results faceted classification issued in the form of special tables, columns which define classification criteria and lines – the possible importance of these criteria. For the classification of information threats target audience multicriterion approach was used , which allowed to consider many criteria , indicators of threats to information and to increase the adequacy of the final decisions.

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METHODOLOGICAL BASIS OF THE ASSESSMENT OF TECHNICAL LEVEL OF PRODUCTION AND TECHNICAL BASE OF MILITARY REPAIR INSTITUTIONS

The results of the analysis of the factors affecting the assessment of the technical level of production and technical base of military repair institutions and military equipment repair efficiency indicators are presented.

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METHODOLOGICAL FOUNDATIONS OF RATIONALE FOR IMPROVING MAINTAINABILITY LEVEL OF WEAPON AND MILITARY EQUIPMENT

The article presents conducted analysis of the developed systematic view of operation of organized collection of weapons and military equipment samples for the examination of ways that can improve effective operation of weapons and military equipment.

Some problems of rationale for improving maintainability level of weapon and military equipment were solved within developed model.

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MODERN REQUIREMENTS FOR HARDWARE AND SOFTWARE SYSTEM OF VERIFICATION, TESTING AND CERTIFICATION OF CONSUMER EQUIPMENT OF GLOBAL NAVIGATION SATELLITE SYSTEMS

The article highlights the main hardware and software technical requirements for verification, testing and certification of global navigation satellite systems, customers' equipment which is used as part of armament and military equipment.