

From the Editor. Major-General Ing. Pavel Jandáček, Deputy Chief of Staff ACR, writes about the process of transformation of the Czech Army which affected nearly every career officer or civilian employee and their dependants. At present, posts at strategic and operational levels are occupied by politically uncompromised and professionally capable generals and officers. Similar changes are running even at lower commanding levels, so that from the statistical point of view transformation has influenced all professional soldiers. In 1995 Czech Parliament will pass several important laws, especially those concerning defence, military and compulsory conscript service. Military training and schooling systems are going to be reorganized. All above mentioned problems are explained and discussed on the pages of *Vojenské rozhledy* Review which is becoming quite helpful tool to those changes now.

Defensive Strategy and Modern Army by Col. Ing. Václav Svoboda. Not only within the Czech Armed Forces, but also even in the forces of other states there is a number of problems concerning present changes of their strategic position. Armed forces give way to so called defensive strategy, by which we mean their basic orientation and sum of principles, proceedings and control over the military, excluding its usage for aggressive political purposes. The author treats such basic functional and system attributes of modern forces in detailed manner and even takes note of their non-military involvement. The article is accompanied with the table of such attributes and two security risks/military potential graphic charts.

Institute for Defence Studies ACR by Major-General Ing. Emil Antušák. The author of this article is the director of Institute for Defence Studies, Army of the Czech Republic (IDS ACR), which was constituted towards January 1, 1995, through the reorganization of Institute for Operational Art Studies, ACR GS, Military Research Information Institute and *Vojenské*

rozhledy Military Review editorial staff. IDS is a scholarly institution of the Army of the Czech Republic (ACR) which serves as a decision making support for Ministry of Defence (MOD) main officials and ACR General Staff (ACR GS) providing them all necessary information of strategic and operational character for the development of corresponding scholarly, informational, educational, coordinative, expert and consultative activities in favour of conceptual and system response to security and state defence problems and military arts. It is a detachment directed by ACR GS. In this article, basic tasks of this Institute are discussed and activities connected with them are mentioned. We do not miss even an IDS organizational structure chart together with IDS contact address.

Assumed Strategic Changes in the Military Art and their Economic Potenciality by Lt. Col. Ing. Josef Janošík, CSc. Based on the transparency of security, security policy and defence terminology, the author demonstrates ties between international relations and military art which are the foundations of prospective hypothetic and strategically important changes that are going to be supported at macroeconomic level. In the second part, he draw up the economic dimension of such strategical changes. Actually, he creates a vision of the future which will be economically supported by integration--cooperation--profesionality alignment.

Modelling Trends in the Military by Ing. Karel Lukáš, CSc. In this article, there are some characteristics of computer modelling directions and spheres of its usage within the military. The author regards as most-up-to-date trends in the field of simulation the following: object-oriented programming, interactive simulation in real time (virtual reality) and distributed interactive simulation. He also explains those terms in full detail and presents their assets for the military applications. He stressed the fact that even if the prices for the acquisition of such simu-

lation models might be high, quick return of such investment was indisputably proved.

Ideas for 21st Century Armed Forces Pattern by *Col. Ing. František Valach, CSc.* Owing to the fact that even in the future our peaceful international relations are to be supported among others by functional and prepared armed forces of independent and sovereign states, the author proposes verbal model of imaginary standard army of a small nation, accompanied by its graphic pattern. He comes to the conclusion that prospective armed conflict, as the case may be, won't be based on ungovernable inner sources of its own, but it will be the result of protracted tendencies in political, social, security etc. areas, and therefore it is necessary for us even now to study all needs tied to security field and not to wait till some military threat is arising.

Partners, or Allies? A Research at the Approach of the Czech Republic to NATO by *Annet Hogeling.* The author is a Dutch research worker who was here under a short-term contract with Institute for Defence Studies. She explored all security aspects of international relations in the post-Cold War period. She came to the conclusion that the next and probably most important step towards European stability and prosperity ought to be full membership of East-European states in NATO, particularly those of so called Visegrad Group: Poland, Hungary, the Czech Republic and Slovakia.

Military School System Reconstruction: Some of the Starting Points by *Ing. Ladislav Klíma, CSc.* The author tries to find the solution for the future shape of military training and education, as well as personal sources of moral and civic revival within ACR. He explains possible incentives for military education development and deals with recruiting a prospective professional ACR. He defines common characteristics of professional careers and with the regard to changes in the armed forces he analyses their influence on military training and education. The proposals for an alternative pattern of military school system are very inspiring. The following ones are characterized in detail: Fixed Military Education, Training and Personnel Management; Soldier/Citizen in Uniform Concept; "Ex Ante"

Investment Concept for the Future; and finally Military Education Subsystems Concept. And at the end he draws up evaluation criteria for those alternative ideas.

Noncommissioned Officer: Professional Career Guide by *Ing. Miloš Janda.* With the ACR transition towards a semi-professional forces, we need to solve new professional relations, new professional reclassification which will create foundations for this brand-new army. Since the commission preparing new personnel management system is concentrated on commissioned officers mostly, the author of this article deals with career management of the enlisted force, which he proposes to label as "warrant officers". He worked up Warrant Officer Corps functional hierarchy, he made up a military occupational specialty table and set up development career rules. As a result of this work, Institute for Defence Studies (the author is a member of its staff) has drawn up career scheme from the very trainee, over noncom and warrant officer to the entry to the officer corps.

OPERATIONAL ART

Defensive Operation: Preparation and Procedures by *Col. Ing. Josef Němec, CSc. and Col. Ing. Vladimír Karaffa, CSc.* This article solves the main principles of preparation and conducting defensive operation. Its aim is to put into pieces starting points of ACR operational usage in accordance with operational manual published in September 1994. The article explains basic applied terms and the linkage among them. Defensive operation is treated as system or process. The system of defence covers some new, non-traditional categories, such as fire and electronic impact on the enemy, forces protection, new concept of armed security and close spatial defence. Defence as a process is solved in all stages and aspects of its preparation. The main stress is put on the state borders coverage and manoeuvre defence.

As to Some Command and Control Problems by *Col. Ing. Vladimír Karaffa, CSc.* The purpose of this article is to make clear the problems of command and control to our readers, according

to a proposed manual "Defensive Operation Preparation and Procedure", published in September 1994. We try to show basic changes in comparison with traditional understanding to command and control, especially introducing C³I system in ACR surroundings and to draw out staff and commander's position and task in the preparation and conduct of operation.

OPINIONS AND CONTROVERSY

As to Armed Forces Command in Time of Peace and War by *GSO Col. Ing. Milan Kubeša, CSc.* The content of this article is a polemic on commanding the forces in time of peace and war under the circumstances of the transformed ACR. Closing the article, the author puts forward his own opinion on the creation of ACR organizational structures associated with the command effectivity in peace and war, published in *Vojenské rozhledy* Review 9/94, p. 33 by Ing. Jiří Florian and Ing. Miloš Janda.

Anti-Aircraft Rocket Combat Use: Some Aspects by *Lt. Col. Ing. Peter Baráth, CSc. and Lt. Col. Ing. Vojtěch Májek.* The article covers new changes in ACR Anti-Aircraft Protection Rocket Corps. Generally, we can say that there are no new ideas, but several new points of view, in which way to implement experience now gained, concerning running changes in Air Defence of the Czech Republic system. In this sense, the article summed up the knowledge for further discussion. The authors underline that one of the key factors of effectivity and resistance anti-aircraft protection seems to be in its mobility, i. e. its ability to make use of time, speed and space for effective accomplishment of

mission and both determine and describe methods of mobile activities procedure.

Shall We Have Integrated - Automatic Informational System in the Military? by *Col. Ing. Miloslav Strnad.* This article deals with the questions related to the development and operation of computer applications designed to cover activities of our armed forces. The Czech military has no data elements standards yet, nor other unification background, so the integrated system could not come into being and be used well. That's the very problem penetrating the whole text, especially as far as creating suitable organizational background, its acceptance, administration and management is concerned. In these days we haven't necessary assumptions for creating and operation integrated and consistent database within armed forces and parts of Ministry of Defence together.

HISTORY PAGES

The Sword of War was Forged in Soviet Russia by *Jan Petránek.* The author is the famous political commentator and journalist. In this revealing article writes about secret documents recently released in Russia. For many readers the disclosure of military ties between Russia and pre-war Germany would be probably surprise. The partner that profited most from those secret relations was probably Germany as it had been forbidden to build assulting armed forces by Versailles Peace Treaty after Word War I.