

## WAYS TO DEVELOP SHOOTING READINESS

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When considering the advantages of using innovative technologies and ways of development in the system for the development of shooting training, it can be concluded that the wide use of such systems during the training of OHTM trainees allows for more effective mastering of the tactical and technical elements of a combat conflict. The main directions and development prospects of the Electron simulator were determined. The use of innovative technologies serves as the main factor in the achievement of high results of various units in the performance of their combat tasks.

The use of innovative technologies helps to improve shooting skills in the process of teaching firearms shooting. The main trends and future development of electronic shooting simulators and innovative technologies serve as a key factor in improving the performance of units.

Evolutionary changes in the field of computer technologies force the development and improvement of all areas of the developing society, which inevitably leads to the introduction of innovative technological solutions into the educational process. This, in turn, determines the methods and means of formation of knowledge, skills, attitude and behavior at a certain level. The most effective solutions for conventional weapons training include the introduction of new electronic shooting simulators into the training process.

The practice of using innovative technologies shows that there is great interest in electronic shooting simulators with panoramic computers in the changing and permanent structure of educational institutions, because independent work in the simulator significantly improves the results of students of different levels of shooting. improves and stabilizes.

The results achieved in all types of shooting, both during combat operations and during the training process, directly depend on the moral and mental state. Undoubtedly, one of the most important advantages of electronic trainers and complexes is the formation of skills in them to control the spiritual and psychological state of the shooter.

The experience of using electronic shooting simulators with a panoramic computer allows us to say that it is an integral part of the psychophysiological and technical training of shooting and helps to develop such qualities as strength endurance, reaction and sensitivity to the muscular system.

The computer program allows to evaluate the mistakes made in the process of shooting. Repetition of the process and the necessary tool in muscle memory is aimed at developing many skills.

In the last 20 years, various types of electronic simulators and complexes have appeared on the market of electronic technologies, which can be conditionally divided into various electronic target systems and sensors designed for them; 2D and 3D image projection systems; describes the situation in three ways.

The 3D devices called "Future beams" provide a realistic image of the battle, for example, the process of confrontation with terrorists and the release of captives from terrorists, the search for criminal groups. In these frames, not only the image, but the situation is presented in a sound way. In this case, the frame of the real event and the voices prepare the learner psychologically. Such training improves personnel and warfighters' combat skills for future service activities.

Highly mobile electronic and software systems allow the fighter to develop into a virtual life. This means that coaches and programs for them are constantly evolving under the pressure of fierce, but healthy competition. In today's wars, the warrior is not only required to shoot, but also to think correctly. That is, in the near future, it is planned to create a realistic image of the upcoming battle and distribute all body systems in the same way.

The training modeling complex "SFERA" developed by the traditional NPG is designed for training personnel of special units and allows you to practice individual and group actions in conditions close to the real situation. "SPHERE" provides an opportunity to dynamically change the virtual environment due to the flexible graphical interface, which monitors the current actions on the potential screen. In the training complex, the real tactical situation is modeled according to the initial tasks of the trainees, other participants (opponents) are controlled by the artificial intelligence system or other trainees using the same training systems in the network mode.

The full range of simulators includes a range of shooting and other enemy weapons, the technical characteristics of which are very realistic. In addition, it is necessary to pay attention to the fact that a training fighter fighting one person against another person in real combat conditions leads to the perfect development of the human mind in real combat conditions, that is, not to make mistakes.

In order to eliminate and prevent such shortcomings, tests are currently being conducted by the leading companies, that is, by the company "Lazertag" using infrared laser rays, which do not have a dangerous effect on the fighter.

In conclusion, it can be noted that:

Training simulators currently available in higher military educational institutions serve as the main factor in achieving great results in the development of ways to improve the technical and tactical shooting training of military personnel. This will give results in the systematic development of the Armed Forces in the future.