Research on Deepening the Reform and Innovation of Basic Military Education and Training to Improve Combat Effectiveness

Ai-zhi CHEN¹,a,* Cheng-zhong LE¹ and Zhi-yong YAN¹

¹Department of Basic Courses, Naval Engineering University, Wuhan, Hubei, China

a37598540@qq.com

*Corresponding author

Keywords: Military Basic Education, Reform and Innovation, Combat Effectiveness.

Abstract. Modern informatization, integrated and joint operations warfare puts forward higher requirements on the combat effectiveness of soldiers and military basic education and training play an important role in improving the combat effectiveness of the military. Strengthening the training of combat spirit, increasing training close to actual combat, reinforcing "joint education and joint training" with a strict assessment system of the transformation and development of military basic education can effectively promote the conversion of combat effectiveness generation models.

1. Introduction

In the war operations of modern information and integrated joint operations, soldiers’ conquests are no longer limited to specific time, place, region and other factors. Large numbers, long fronts and uninterrupted continuous operations have become more and more common, which puts forward higher requirements on soldiers’ combat effectiveness.

As a cadet, the formal military basic education received during the school period will serve as a vital "seed" in the army. Therefore, in terms of basic military education and training, the learning, practice, and application of this "revolutionary capital" knowledge will surely have a direct or indirect impact on the improvement of personal military quality, especially the improvement of the combat effectiveness of the army. Hence, the transformation and development of military basic education and training in military academies must take the improvement of combat effectiveness as the fundamental starting point and end point, promoting the transformation of combat effectiveness generation mode.

2. The Essential Role of Military Basic Education and Training in Combat Effectiveness Generation

The strength of an army's combat effectiveness is usually determined by factors such as combat ideology, personnel quality, the quality and quantity of weapons and equipment and the combination of personnel with weapons and equipment. Basic military education and training are practical activities based on weapons and equipment and they are also the basic way to improve the combat effectiveness of the troops. Although the level of basic military education and training is not equivalent to combat effectiveness, it does determine the formation of the elements that constitute combat effectiveness. Only through the practice of basic military education and training can the elements that constitute combat effectiveness be combined organically and integrated into a whole on the battlefield, posing a threat to the enemy.
The evolution of war forms requires higher and higher quality of combatants. In order to adapt to
the new combat methods, the content and methods of military basic education and training should
also be changed accordingly. The Gulf War tested the results of the simulation training of the US
military and enabled the US military leadership to taste the sweetness of the reform of military basic
education and training. The militaries of many countries in the world have also seen the tremendous
effect of the transformation of basic military education and training and they have followed suit,
putting forward a series of new combat concepts such as the "21st Century Army", "Digital Forces",
and "Network Centered Warfare", which effectively promoted the transformation of military basic
education and training. They have carried out various basic education and training reforms on a
larger scale and deeper level around winning informationized wars and building an informatized
army.[1]

For this reason, the transformation of military basic education and training to achieve the
transformation of combat effectiveness generation mode is a process of continuously advancing the
transformation of the elements that constitute combat effectiveness in accordance with future
combat requirements. Successful practice of military education and training promotes the
transformation of combat effectiveness generation mode.

3. Deepen Military Basic Education and Training Reform and Innovation to Enhance Combat
Effectiveness

3.1. Strengthen the Cultivation of Fighting Spirit

The fighting spirit of a soldier is the essence of the soldier's spirit, the core element of the soldier's
spiritual pillar and an indispensable factor for uniting the military's spirit. For the combat
effectiveness of the soldier, the importance of the fighting spirit is also extraordinary. An excellent
soldier must have a strong fighting spirit. Once he loses his fighting spirit, he also loses his most
important qualities as a soldier and he also forfeits his spiritual trust as a soldier. Once an excellent
army loses its fighting spirit, it also loses its military spirit. An army without its military spirit
cannot form real combat effectiveness. Therefore, the combat spirit of a soldier is an inevitable
requirement for an excellent soldier and an important component of the military's combat
effectiveness. The combat spirit of a soldier can also inspire will, which has always been regarded
by soldiers as a decisive factor in defeating the enemy.

The fighting spirit is also the ideological basis for the army to maintain its combat effectiveness.
The fighting spirit of soldiers is the foundation of the military's combat effectiveness and the source
of the military's combat effectiveness. Our army has a fine tradition. No matter how difficult the
situation is, it can defeat the enemy and continue to grow. This is inseparable from the firm belief of
our army during the revolutionary period. Even if it encounters a major setback, we can get out of
trouble. Under the current new situation, maintaining the unity of the motherland and winning
future information warfare is the highest embodiment of the beliefs of revolutionary soldiers and the
common historical mission of all officers and soldiers. Therefore, in order to better promote the
transformation of combat effectiveness generation mode, the cultivation of fighting spirit must be
strengthened in basic education and training.[2]

3.2. Strengthen Actual Combat Training

In modern joint integrated operations, the war is unprecedentedly cruel and intense and the impact
is unprecedentedly strong. Therefore, in ordinary military basic education and training, it is necessary to strengthen training close to actual combat to adapt to the battlefield environment.

The first is to vigorously strengthen psychological training and develop the courage to be fearless and fearless when facing dangers. It is necessary to proceed from the requirements of actual combat, strengthen the pertinence and effectiveness of psychological training, consciously set up real environment and difficult subjects and exercise the courage, perseverance and endurance of officers and soldiers. Guide officers and soldiers to correctly use the emotional transfer method, the probation method and the behavior-oriented method, deal with and adjust the mentality of the battlefield to strive to improve the officers and soldiers' psychological defense capabilities in wartime.

The second is to firmly grasp the practice of beating and temper the toughness and fortitude of the officers and soldiers. Fighting spirit is manifested in wartime and cultivation is in peacetime. The key is to cultivate. Past war practice has shown that the more the spirit is tempered in a difficult environment, the more indestructible it will be. We must pay attention to the daily practice of officers and soldiers, establish the concept that major tasks are combat tasks, have the courage to put troops on the cusp of trials, put officers and soldiers in harsh environments and firmly grasp actual combat training and actual military exercises. We will develop, train and hone the fighting spirit of officers and soldiers by taking the opportunity to carry out urgent, difficult, dangerous and heavy tasks.

3.3. Strengthen "Joint Education and Joint Training"

"Combined education and training" is the general trend of the world's military education transformation. In particular, vocational education academies, as the main platform for officer vocational skills training, are responsible for the important function of joint combat capability training. In order to integrate the knowledge disseminated in the classroom into the character quality of the officer and externalize it into the action ability of the officer, it is necessary to construct a "joint education and joint training" mechanism that reaches the classroom and the training ground which is unified in accordance with the requirements of joint operations to measure the quality of training, integrate military education and military training, establish an integrated teaching and training management operating system and integrate academies and military training to comprehensively improve the quality of academies and military training.

The integration of "joint education and training" should be unified in the thought of actual combat teaching and training. Establishing practical teaching and training thinking is the prerequisite and goal for the integration of "joint education and joint training". Regardless of the development of military theory and weaponry and the evolution of war patterns and combat styles, academies and troops must always adhere to actual combat in teaching and training and deploy closely around the greatest task requirement of preparing for military struggle in the new era. At present, joint training is the practical link closest to future warfare and it is also the key to the army's acceleration of the transformation of combat effectiveness generation mode. If the academy teaching and army training lack the link of joint training, the new knowledge in the classroom will lose the carrier of testing and solidification and it will be difficult for new combat ideas and combat actions to be consciously applied in future actual combat.

The integration of "joint education and training" should pay attention to the resonance of teaching
and training content at the same frequency. The consistency of teaching and training content is an inevitable requirement for the integration of "joint education and training". Institutional education focuses on the learning of systematic knowledge and military training focuses on the development of practical ability. The academic professional education should coordinate the design of the content system, methods of teaching and training based on the dual needs of officers in future operations and military appointments. Training needs lead to the reform of education in colleges and universities and the development of education in colleges and universities to promote innovation in military training.

The integration of "joint education and joint training" should be synchronized in the establishment of operating mechanisms. Only when a unified management mechanism is established can the normal operation of the integration of training and education be truly realized. Focusing on combat and training, academies and troops have many common theoretical topics and individualized resource advantages. Only by establishing a common theoretical research mechanism and guarantee mechanism, can repeated research and repeated construction be avoided and their respective advantages can be used to achieve resources and results shared.

3.4. Strict Assessment System

Without strict assessment, there is no strict training. Training and assessment are two inseparable parts of military basic education and training. Without strict assessment, there is no strict training; without a high-quality training process, it is impossible to achieve excellent assessment results. Training is the basis and prerequisite for the implementation of assessment, which is a lever to promote training and a yardstick for testing the quality of training. Paying close attention to the quality and effect of training is an important feature of the organizational form of "promoting training through exams". An important development trend in the reform of military physical training in the world today is the “combination of centralization and decentralization”, that is, the Military Commission’s Training and Management Department uniformly formulates the assessment content and standards for the acceptance of military basic education and training quality and effects and passes the assessment of this lever and scale to grasp the training effect.

The army organizes and implements training in accordance with mission requirements and assessment standards and improves the training process by increasing the scientific level of training. "Training through examinations" is one of the important ways to enhance the overall combat effectiveness of the army. It is the in-depth promotion of the reform of basic military education and training and ultimately the only way and organizational guarantee for quality control.

References
