

Analysis on the Demand for the Ability and Quality of Equipment Support Sergeant Talents

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Abstract. In order to meet the demand of military transformation and construction, the paper studied the new situation of equipment information management in the new era. The demand and training of equipment information management talents was taken as the breakthrough point. The actual situation of equipment support information construction and development was combined. The existing problems in personnel training were analyzed. Finally, the demand for talents' ability and quality was given out, and the countermeasures for personnel training were put forward.

Introduction

College Sergeant vocational education should thoroughly implement the general requirement of "being able to fight and win battles", focus on actual combat, draw close to the army, focus on the mission and task of the army, closely meet the needs of equipment development, meet the requirements of actual combat support, deepen the reform of sergeant vocational education, reform and improve the teaching content system under the guidance of advanced educational concepts, explore educational methods and teaching means, and cultivate them. Personnel with excellent quality, qualified posts and adapting to actual combat are non-commissioned officers.

The Significance of Integrated Education and Training of Military Academy and Troops

At present, with the rapid development of science and technology, especially the rapid development of computer technology, control technology, communication and network technology and graphic display technology and their application in equipment support, the process of networking, automation and intelligence of equipment support is accelerating, and the level of information technology is constantly improving.

Equipment and Equipment Support Network. In recent years, the networking construction of equipment and equipment support forces has achieved rapid development. The equipment and equipment support information network integrates the rear warehouse, equipment and equipment business departments and combat forces, thus realizing data sharing, reducing supply links, shortening material turnover time, reducing inventory materials, improving the accuracy and reliability of support, and realizing full asset availability. Visualization. Through the network and information system, we can obtain the information of resource allocation, reserve, consumption, science and technology, human resources and so on. We can make a full-time follow-up investigation and evaluation of the dynamics of warehousing materials. We can dynamically adjust the reserve of equipment and equipment support materials according to the task, nature, variety and quantity of materials needed by the army, determine the best decision-making, and provide reliable, fast and economic information. Safeguard mode.

The Automation of Equipment Storage and Operation. In some equipment and equipment support units, the automation of warehouse material storage operation has been realized, the matching and coordinated development of warehousing machinery and equipment, facilities and management, information and personnel system has been achieved, and the storage and transportation of materials, automated warehouse, storage and handling machinery has been highly efficient. The technology of warehousing machinery has been improved by introducing high and new

technologies such as computer, automatic control technology and artificial intelligence. The technical performance of warehousing machinery will be greatly improved. Advanced loading and unloading machinery and equipment, such as forklift truck, unmanned forklift truck, tractor, pallet carrier, palletize, pipeline conveyor, belt conveyor and automatic sorter, will be widely used in equipment and equipment support.

To Ensure the Electronic Security Monitoring. The development of computer technology promotes the reliability and intelligence of all kinds of special equipment and sensors for safety monitoring, and diversifies the means of transmission of monitoring signals. Warehouses can choose the transmission modes of monitoring signals, such as direct cable transmission, telephone line transmission, power line transmission, network line transmission, multi-mode hybrid transmission and wireless transmission, according to the actual situation. With the combination of multimedia technology and communication technology, the warehouse security monitoring system has more powerful technical functions, lower cost, more reliable system and more intuitive and natural content. The warehouse security monitoring mode will change from centralized monitoring and centralized control to centralized monitoring, centralized management and decentralized control.

To Ensure the Intelligence of Command and Decision-making. Artificial intelligence technology is applied to command decision-making of equipment and equipment support. Artificial intelligence technology is applied to simulate decision-making thinking activities. It can help complete situation judgment, make decisions, formulate logistics material support plan, issue orders and other decision-making activities in a short period of time under wartime confrontation, and provide decision-making assistance for layout of rear warehouse and reserve planning of reserve materials.

Analysis of the Demand for the Ability and Quality of Equipment Support Sergeant Talents

In the new era, equipment and equipment support work has put forward higher requirements for the ability and quality of sergeants.

The New Situation of Equipment and Equipment Support Requires that Sergeants have a Solid Knowledge and Skills Base. The main manifestation is that the professional basic knowledge should be strong, the professional post knowledge should be refined, and the auxiliary professional knowledge should be broad. It should not only have rich technical knowledge of warehousing management, but also have solid skills of equipment supply and support. It should also have high ability of management thinking. Under the guidance of superior planning, it should be able to change the thinking pattern from "starting from experience" to "starting from rational thinking". To deepen the understanding of equipment and equipment support management, scientifically analyze and properly handle the technical and management problems in support work.

The Combat-oriented Equipment Support Task Requires that Sergeants have Excellent Post Competence. Excellent post competence is one of the indispensable qualities of sergeants themselves and an essential element of professional and technical skills teaching and training. It requires not only excellent technical skills in common military subjects, but also excellent professional and technical skills. It requires skilled operation, use and maintenance of various weapons and equipment within its management scope, as well as new weapons and equipment. It should be faster and better able to master its performance, operation and maintenance methods than its subordinates.

Information Equipment Support Requires Officers to have a Strong Ability to use Information. The capability of information management and comprehensive utilization in equipment and equipment support system is increasing, including collection and synthesis of storage information, analysis and processing of storage information, exchange and sharing of storage information, automatic control of storage equipment and facilities, etc. Under the condition of informationization, equipment and equipment support requires warehouse managers to improve their support ability by intellectualization of information management and application, and to make

efficient use of human, financial, material and information resources inside and outside the warehouse system to achieve the goal of support.

Focus on the Guidance of Learning Methods and Cultivate Self-learning Ability. Any teaching method is a bilateral coupling of teacher's teaching method and student's learning method. It is not in accordance with the characteristics of teaching method to emphasize only one activity. Traditional education is based on imparting knowledge, mainly on teacher's teaching, ignoring the guidance of student's learning methods, which violates the laws of teaching and student's learning. Ignoring the student's learning methods, the teaching methods lose their pertinence and are not effective. Modern teaching methods increasingly reflect the trend of shifting the focus, that is, from simply focusing on teacher's teaching methods to focusing on the reform of teacher's teaching methods to promote the innovation of student's learning methods. Teaching should transfer the main content of imparting knowledge to the main task of developing student's intelligence, focusing on learning content, to focusing on learning methods. To enable students to grasp the law of learning knowledge, can cite one thing from the other, touch the analogy by analogy, guide students to learn knowledge analysis, induction, transfer, grafting, and integration.

College education should be synchronized with the transformation of the generation mode of combat effectiveness, the transformation of teaching and training mode, the implementation of combat effectiveness standards, the accurate grasp of the new requirements for military personnel in the construction of new-quality combat effectiveness of the army, and the cultivation of whatever talents are needed in the construction of the army. Professional technicians have their own characteristics. Vocational and technical education teaching methods need to be determined according to the teaching objectives, teaching content, teaching conditions and teacher's own quality characteristics. Combining with teaching practice, this paper studies the training methods of professional skills of professional and technical personnel, and has been applied in the teaching process. The results show that the teaching effect is good, which is helpful to the student's mastery of learning methods, the improvement of comprehensive ability and the cultivation of overall quality.

The Development of Talent Team in the New Era Requires that Sergeants have Strong Comprehensive Professional Qualities. In the new Outline for the Construction of the Basic Level of the Army, it is clearly put forward that "training for sergeants" should meet the requirements of "three abilities and four meetings", which can be specifically expressed as the ability of language expression, the ability of making training plans, the ability of teaching design, the ability of compiling teaching plans, the ability of using multimedia teaching, the ability of classroom management, the ability of organizing practical training, and the ability of guiding learning, assessment and evaluation ability, etc.

Closely following the requirements of the army in terms of knowledge, quality and ability of personnel, following the pace of the transformation of the army construction to the mode of systematic operation and guarantee under the condition of informatization, closely combining with the military training and assessment syllabus, deepening the reform of the teaching of sergeant vocational education, optimizing the teaching content and cultivating the comprehensive quality and ability.

Summary

The training of equipment and equipment support personnel should be guided by the important strategic idea of learning from Chairman's goal of strengthening the army, guided by deepening and expanding the preparation for naval military struggle and military training, adhere to the principle of "close to troops, close to equipment, close to posts, close to training and close to support", seamlessly link up the teaching content with the training syllabus, organically link up the training of personnel with the military posts, and adhere to the principle of "close to troops, close to equipment, close to posts, close to training and In order to improve the quality as the core, systematically plan and scientifically arrange the teaching content, we should not only highlight the post posts, but also attach importance to the theoretical basis. We should pay attention to both knowledge structure and practical

skills. We should not only be close to the current situation of equipment, but also focus on future development. We should effectively enhance the pertinence and effectiveness of the training of sergeants, so as to truly make the majority of sergeants learn and use uniformly and comprehensively improve equipment and equipment. Guarantee post competence and information quality, and train high-quality new equipment and equipment support personnel who can win the battle.

References

- [1] Zhao Jianhong. Strengthen the contingent of sergeants and improve the warehouse support capacity, *South China Military*, vol. 6, pp. 27-28 (2008)
- [2] Shao Zhenhua. Thoughts on strengthening the training of high-skilled sergeant, *Navy Journal*, vol.5, pp. 23 (2008)
- [3] Li Yunxiang, Fengguoquan, Yang Wentan. Brief discussion on the transformation of sergeant education under the condition of informationization, *Sergeant of Mechanical Vehicles*, vol. 1, pp. 44-46 (2008)
- [4] Han Qiang, Ding Youbao. Reflections on deepening the teaching reform of sergeants under the new situation, *Science Park Monthly*, vol. 4, pp. 61-62 (2010)