

The Construction of Army Equipment Emergency Support Force System

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Abstract—With the continuous economy development of China, the military equipment of army has also been upgraded to a certain extent. For army military equipment, the construction of the equipment emergency support force is a very important part. However, with the continuous economy development of China, the construction of the army emergency combat equipment support force will also be in the future high-tech conditions, facing the characteristics of emergency operations and its requirements for equipment emergency support. Therefore, it is very important to increase the research on the construction of the army equipment emergency support force system. This article will also be built for the army equipment emergency support resources system of basic principles to be followed related exposition, for the above-mentioned principles a comprehensive overview of the basic ways to build army emergency support capabilities, and puts forward corresponding countermeasures for the construction of the army emergency support force system combining with the current situation of the Chinese army.

Index Terms—Army equipment, emergency support, construction principle and approach, construction measures

I. INTRODUCTION

With the continuous development of Chinese economy, Chinese army operations have presented a complex and harsh feature of local warfare. In response to this operational feature, the army emergency maneuver force must improve its rapid response capability, long-range maneuverability, information confrontation capability, and comprehensive support capabilities. For army equipment support, equipment support mainly refers to a military term, which refers to the security work required to keep the equipment in a state of readiness and to continue to complete combat missions. Equipment support not only includes a large number of support resources, but also the effectiveness of these support resources and the comprehensive impact of various design decisions related to equipment support during the equipment development process, such as maintenance programs and reliability. Therefore, as an important part of the comprehensive support capability, equipment support needs to improve the combat capability of the army while carrying, recovering, and regenerating. ^[1] In view of the future emergency mobile operations, the future emergency mobile operations will have the characteristics of less preparation time, longer combat strength, and high-consumption equipment. Therefore,

the construction of the army equipment emergency support force system will be undertaken on more and more arduous tasks. ^[2] To this end, it is necessary to establish a current equipment emergency support force system that meets the needs of high-tech local warfare, so as to form a complex that quickly and effectively implements equipment emergency support. This article will also elaborate on the construction of the army equipment emergency support force system.

II. THE PRINCIPLE OF CONSTRUCTING THE EMERGENCY MAINTENANCE SUPPORT CAPABILITY OF THE ARMY EQUIPMENT

A. *The principle of the protection of police activities*

The principle of protection of police activities is the highest principle of army equipment management, is the starting point and destination, the activities of the organs of the army equipment work have basic material support, the army emergency authorities The construction of the equipment system should also proceed from the actual work of the army, and ensure that the equipment needed for the army work can be properly planned and equipped to ensure the smooth progress of the army work.

B. *The principle of pursuing maximum benefit*

Benefit is the eternal theme of management. The level of benefits directly affects the survival and development of the organization. As the functions of government departments, emergency equipment to build its security system to the army authorities also pursue maximum efficiency as the main target. Coordination of trade-offs in the army working in real need of manpower, material resources (equipment), financial resources and time and other factors, make it coherent, maximize performance. Therefore, in the process of constructing the army emergency equipment support system, we must implement the principle of maximum efficiency.

C. *Principles of scientific planning and highlighting key points*

In the process of constructing the army emergency equipment support system, it is necessary to adhere to scientific planning. If the system is not rationally constructed, its waste loss cannot be remedied. At the same time, it is necessary to highlight key construction projects according to needs and possible principles. The construction of the emergency equipment support system must distinguish the primary and secondary, highlighting

the key points. At present, we should focus on the construction of the army emergency equipment support force and emergency support force for emergency operations.^[3]

III. BASIC WAYS TO BUILD ARMY EQUIPMENT EMERGENCY MAINTENANCE SUPPORT ABILITY

A. *Promote the construction of emergency equipment support team*

The army organ is a specialized force that handles sudden incidents(cases) and maintains social stability. It must shoulder the responsibility of safeguarding national security, protecting the lives and property of the people, and maintaining social order. The special status role determines the characteristics of the army own organs in dealing with emergencies, and these characteristics also put forward targeted requirements for the corresponding army emergency equipment support forces. In order to meet the needs of the army work in the new era and meet the protection needs of emergency equipment, it is necessary to establish an army emergency equipment support team as the "fist" of the emergency support force system, and truly achieve "safeguard". The emergency equipment support team should mainly strengthen the construction of the following two aspects. The first is to fulfill the knowledge of science and technology. Police equipment is an important indicator of the army modernization level, the material basis of the army combat effectiveness, and an important part of the army team building. Army combat at the sudden emergency department as a special force to maintain social security, which is equipped with equipment and equipment system is the most advanced, the highest technical content. This makes the proportion of physical resources and equipment support, the proportion of physical strength declines, and the proportion of knowledge and technology continues to increase. The emergency equipment support of the army organs not only needs to master high-tech professional and technical personnel, but also requires the logistics leading cadres to have a good high technical quality. The second is to strengthen the ability of emergency equipment support. Emergency equipment support capabilities refer to as the emergency response team capable subjective conditions for emergency support tasks, including scientific management, innovation capacity planning, emergency control capability, rapid response capability. It is an important part of the emergency support team structure and is the basis for improving the emergency command capability and equipment support efficiency of the emergency support team. The emergency support capability is closely related to team building and requires its members to have corresponding qualities, including political quality, discipline style, legal quality, knowledge quality, and psychological quality.^[4]

B. *INCREASE FUNDING FOR ARMY EQUIPMENT CONSTRUCTION*

Currently, funding for the army to protect the principal contradiction is the contradiction between the limited funding for the army career demands and growing, therefore, efforts to increase investment in the army funds, is an important guarantee for the construction and equipment of the army. The first is to form a mechanism to encourage investment. Through various channels, party committees and governments at all levels fully understand the dialectical relationship between strengthening the work of the army and developing the local economy and consciously increase investment in the work of the army. The second is to form a standardized input mechanism. The military organs should focus on the implementation of relevant documents, take the implementation of the departmental budget as an opportunity, and the scientific budget of the army various funding standards, clearly stipulate the proportion of the army annual expenditure on fiscal expenditure, and the increasing growth of the financial resources. The third is to form an emergency support mechanism. After all levels of government in the budget to arrange a certain amount of money as reserve funds, by the army authorities in accordance with the principle of division of powers, which shall carry the approval procedures for the disposal of special emergencies, promote army building emergency equipment and emergency system, to guarantee the team building. At the same time as the investment of the mainland military, it is necessary to establish and improve an effective monitoring mechanism. To ensure funding for the army case into the scope of the NPC law enforcement inspection at all levels, through supervision and inspection, to consider the Army budget and other funding channels and methods, to urge governments at all levels to effectively protect funding for the army.

C. *Establish an emergency support organization system with the army organs as the main body*

Due to the large magnitude of the public safety crisis involving personnel, involved in the disposition of units, personnel and equipment, and more emergency support task is very heavy. Improve emergency equipment support system as the main organs of the army, the army should be based on information development as an opportunity, the traditional "extensive" revolutionize emergency logistical support through the extensive use of system integration technology, to promote the whole system "roads" integration with "blocks". Starting from rationalizing and perfecting the current logistical support system, deepening the reform of the logistical support system, fundamentally changing the decentralized state of logistical support, in addition to the independent protection of special equipment for police, it is also necessary to extensively absorb the social security approach, with the help of other government departments and society, and strengthen the formation of "a protection structure for the people, the compatibility of the police and the people, the combination of peace and war". We

must vigorously optimize the security structure, and resolutely abandon the outdated material management and the security tasks that are obviously "organized".

D. Improve legislation and speed up the legalization process for the construction of emergency equipment support for the military organs

On the whole, the overall emergency logistical support of the Chinese military agencies lacks a unified legal enforcement mechanism. Under the situation that the army equipment funding is relatively insufficient, it is even more difficult to talk about the legislation of the army emergency equipment support, and the related legalization construction lags behind. But currently, our country is in a critical period of reform and opening up and modernization drive, during this period, highlighting the various social conflicts, social discord increasing crises have occurred, the army authorities have requested a rapid response capability, "joint operations" capability and comprehensive support capabilities. Equipment support, especially the army emergency equipment support, as an important part of the comprehensive support capability, is the basis and guarantee for improving the overall combat effectiveness of the army organs, ensuring the smooth completion of various army security work and promoting the vigorous development of the army cause. In view of this, we must strengthen the legal construction of the army authorities emergency equipment to protect our country, one from the state and social security, the lives of people and property safety point of view, the development of an emergency equipment support regulations, regulatory equipped with emergency legislation protection behavior; second is to clear emergency equipment support organization, functions, authority, methods of operation and sources of funding, to ensure that emergency equipment support in accordance with law; third is to use legal means to safeguard the fundamental rights of the army civilian police emergency equipment support, to ensure that there exists the law can be followed. Ensure that the emergency equipment support of the army organs is on the track of legalization as soon as possible. The construction of the army emergency equipment support system is a complex system engineering. It is based on the future emergency combat forces of our army agencies, and aims to provide fast and efficient equipment support for emergency operations forces. It is affected by factors such as "combat" form and working environment. Therefore, the construction of the emergency equipment support force system must focus on the requirements of the emergency combat department for the emergency support force, study the effective construction methods, and form an emergency equipment support force system that can provide effective protection for all kinds of emergency situations.

IV. EFFECTIVE MEASURES FOR THE CONSTRUCTION OF THE ARMY'S EQUIPMENT EMERGENCY MAINTENANCE SUPPORT CAPABILITY

A. Highlight the key points to establish an Army Equipment Emergency Support Force for emergency mobile operations

With the continuous development of Chinese economy, for the army equipment emergency support force, it is better to adapt to the needs of the military struggle in the new era and to meet the protection needs of the emergency mobile combat troops.^[5] It is necessary to establish an Army Equipment Emergency Support Force as the fist of the emergency support force system, while the Army Equipment Emergency Support Force, which main task is to bear the battle, and the emergency protection of the emergency mobile combat troops in the direction of the theater. Therefore, how to highlight the key components of the Army Equipment Emergency Support Force for emergency mobile operations has become one of the key concerns of relevant personnel. In order to focus on the formation of the Army Equipment Emergency Support Force, it needs to be carried out in two aspects.

Firstly, from the characteristics of the army emergency mobile combat troops and the requirements of the equipment support force, the army emergency mobile combat troops are mainly composed of motorized infantry units, helicopter units, electronic countermeasure units, special forces, engineering units, automobile units, and communications. Composed of troops and logistics support forces. As a strategic maneuvering force to maintain Chinese security and stability, the army emergency mobile combat troops need to be prepared to cope with unexpected operational tasks in future local wars. This is also the focus of the current army building. Due to the characteristics of the army emergency mobile combat troops, the requirements for the relative emergency support of the army equipment were also raised, which can mainly be reflected in three aspects. Firstly, to highlight the Equipment Support Resources Emergency, it is necessary to raise the level of contingency operations forces, and let that can be gained the initiative in the war in the sudden outbreak. In addition, the equipment support force needs to keep up with the rhythm of the emergency mobile combat troops while having the ability to quickly transfer to wartime. Secondly, the equipment support video needs to have a strong ability to move quickly. Due to the complexity of Chinese surrounding environment, emergency mobile combat troops must be ready to implement mobile operations. And the equipment support force wants to complete the task of equipment support, it needs to have a certain rapid maneuverability. Thirdly, the equipment support capability is required to have a high technical level. In the Army equipment, weapons and equipment are an important indicator of the Army's military construction level, as well as the material basis of the combat effectiveness of the troops. Therefore, the equipment support force itself needs to have a high level of technology, as well as advanced safeguards.

Secondly, the army equipment should be as well as the concept of ensuring the formation of the force. Although the army emergency mobile combat force itself has its

own equipment support force, according to the current development of China, the existing Army emergency mobile combat force equipment support force can not meet the needs of today's society. Therefore, in the conception of the Army Equipment Emergency Support Force formation model, the equipment emergency support brigade in each theater direction can be considered. First of all, for the Army's emergency mobile equipment support force, the conditions for the army emergency mobile equipment support force can be divided into three main areas. First, the army emergency mobile equipment support force should have a high level of preparation. For this reason, the relevant personnel of the army emergency mobile equipment support force use reinforcement awareness, responsibility awareness, etc., and incorporate equipment readiness into the overall planning of army building.^[6] Second, the Army Emergency Mobile Equipment Support Force needs to have strong rapid maneuverability. When formulating the Army Emergency Mobile Equipment Support Force, it needs to be fully considered to improve the maneuverability of the mobility support equipment, or use some opportunities to exercise the rapid mobility of the troops. Third, the Army Equipment Emergency Support Force should have the technical support capability to provide advanced equipment. If the equipment to be equipped with the emergency support force is matched with the combat equipment of the emergency mobile combat unit, it is necessary to increase the advanced technology and the storage capacity of the advanced equipment maintenance equipment. The second is the construction method of the Army Equipment Emergency Support Force. The construction method for the Army Equipment Emergency Support Force can be carried out mainly from two parts. First, it is necessary to implement the SAR policy in the preparation system. For the construction of equipment support in the new era, the construction of the Army Equipment Emergency Support Force is the focus. However, in view of the current shortage of military funds in China, in the construction of the Army Equipment Emergency Support Force, it is necessary to have a plan to develop in a step-by-step manner. In the equipment preparation system, it is necessary to pay attention to the allocation of quality, and in personnel, it is necessary to increase the proportion of high-tech assembly support talents. Second, there is a need to implement an open policy on equipment purchase. Because the quality of the support equipment has a great impact on the rapid maneuvering of high-tech local war equipment support. Therefore, it is necessary to solve it from multiple channels. According to the development of Chinese science and technology, the combination of introduction and modification of equipment is used to realize the modernization of equipment for emergency equipment. This method also guarantees responsive and efficient protection under all circumstances.

B. Optimize the combination to meet the Army's equipment emergency support force needed to meet the operational direction of the battle

In the construction of the army equipment emergency support force system, in addition to the need to build the army emergency mobile combat troops, it is also necessary to establish an equipment emergency support force that can provide support for all participating army forces. In this way, the construction of Chinese Army equipment emergency support force system can be improved. Therefore, the army equipment emergency support force that optimizes the combination to meet the operational needs of the battle can be elaborated from two aspects.

First of all, in view of the outstanding characteristics of the directional warfare in the theater, the requirements for the army equipment support and security forces, due to the current strategic direction of the Army and the different targets, will require certain emergency operations in the future. s difference. The outstanding characteristics of the directional warfare in the theater can be divided into three points for the requirements of the army equipment support force. First, the army equipment support and security forces need to be diversified. According to the current war situation, wars under high-tech conditions cannot be won if they rely solely on a single unit, and this means that the army equipment support and security forces are required to be professionally complete. Therefore, in a war under high-tech conditions, it is necessary to rely on various arms contracts to fight, and contract operations cannot only exert the power of the overall power but also achieve the final victory of modernization. Therefore, the diversification of the participating units is an important part of the army support for equipment support. Second, the army equipment support force needs to be wide enough in the combat area. In the emergency operation, the three-dimensional high-speed maneuver of the combat force can not only break the traditional restrictions of the region but also make the combat space more spacious. Therefore, when the support force is deployed, it is necessary to consider all directions of the battlefield to form a scientific and reasonable equipment support force deployment network. Third, the army equipment support and security forces need to diversify their combat styles. With the emergence of high-tech equipment and new combat forces, today's combat methods have become diversified. In the Army equipment support force, when the equipment support force faces the changing warfare style, it needs to form a guaranteed capability for different warfare modes in time.

The second is the method of building the Army's equipment emergency support force. The method for the formation of the Army's equipment emergency support can be divided into two aspects. First, the construction of the Army's equipment emergency support and safeguards authority. For the construction of the support force, the first need to be in the usual military equipment department. A brigade organ, and select the heads and agencies of the emergency support and protection brigade

in the equipment department. Second, the formation of the Army Equipment Emergency Support and Support Force Department can select the personnel with better comprehensive quality from the arsenal directly under the military region or the repair organization to form the army equipment emergency support force. In the wartime, according to the needs of wartime, the army emergency support force and the army emergency support force will be temporarily drawn to combine them into an army emergency support cluster. Such a scientific combination will also make the construction of the army equipment emergency support force system more complete. In addition, when the security tasks need to be dispersed, they can be divided into several clusters to independently guarantee tasks.

C. Combination of military and land to establish an army equipment emergency mobilization support force to meet the overall operational needs

With the development of the war situation, in order to continuously enhance the combat strength of the frontline troops, it is necessary to continuously organize technical personnel, equipment and materials to supplement the troops in the course of combat, and to apply the huge military and civilian general equipment and high-tech forces to combat. A very important approach. Emergency mobilization of local security forces into combat has become an important means of improving overall operational capabilities: 1) Emergency mobilization support forces can provide the necessary equipment and supplies for overall operations. The war is aimed at destroying and consuming the other party of war potential and achieving its own strategic goals. The equipment and materials are very depleted. In order to maintain sustained combat capability and achieve operational objectives, troops must constantly replenish new equipment and materials. Chinese economic construction has made great achievements and lay the foundation for military and civilian equipment mobilized a wealth of material basis, as long as the wartime national order, that can provide the necessary equipment and material forces; 2) The emergency mobilization support force can provide a large number of high-tech support personnel for the overall operation. With the development of science and technology to improve the level of Chinese modernization construction, and military enterprises reform, military and civilian compatible with more and more enterprises, more and more equipment and technical personnel, to mobilize the potential of getting rich, therefore, may wartime mobilize a large number of equipment and technical support personnel who will operate and understand technology to support the troops to fight , and provide strong human resources for ensuring the continuous combat capability of the troops ; 3) Emergency mobilization support forces can provide a large amount of advanced technical support for overall operations. With the rapid development of the country, overall technological strength has also been among the highest in the world, a large number of wartime military technology can be applied after the emergency mobilization, the use of some high-tech means, so that the

enemy cannot cope with the moment and fall into a passive state, reach "Technology suddenness", or the modification of active equipment, improve the operational effectiveness of the equipment, and provide technical support for the overall operation.

V. CONCLUSION

All in all, with the continuous development of our economy, army equipment has also been upgraded to a certain extent. For the army equipment, the construction of the army equipment emergency support force system is a very complicated project. This paper has elaborated on the construction of the army equipment emergency support force system. It can be seen that in order to build a perfect army equipment emergency support force system, it must be based on the requirements of emergency combat forces for emergency support forces. In addition, it is necessary to increase the construction of the army equipment emergency support force system, so as to effectively improve Chinese army equipment emergency support force system.

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