

Research on Civil Aviation Intelligent Logistics Talents Training under the Background of New Science

Ming Liu

Airport College, Binzhou University, Binzhou 256600, China.

hitswordben@126.com

Abstract

The new subject is an educational reform of the project focusing on the needs of the country, which is transformed and adjusted for the development of our country. In the new engineering reform environment, the traditional teaching methods of civil aviation are too old to keep up with the development of the industry. Nowadays, intelligent logistics has become the main trend of logistics development. By introducing the concept of intelligent logistics, this paper analyses and points out the problems that will be encountered in the development of intelligent logistics, and analyses the ways and means of training intelligent logistics talents.

Keywords

New subject, intelligent logistics, talents, training.

1. Introduction

Intelligent logistics is a product of the integration of Internet and emerging information technology. Intelligent logistics system can imitate human learning, analysis, perception and problem solving ability, thus creating a better logistics service system. Nowadays, the terminal cost of logistics system is too high, and it is difficult for logistics enterprises to obtain higher profits. This is one of the important reasons that restrict the development of logistics industry in our country. Therefore, we must speed up the reform of logistics, promote the intelligent and informationized footsteps of logistics industry, and downgrade the logistics cost. This paper discusses and analyses the cultivation of civil aviation intelligent logistics talents under the background of new subject.

2. Intelligent Logistics

2.1. Origin of Intelligent Logistics

Intelligent logistics originated from IBM's concept of "Intelligent Earth". To build the Intelligent Earth first, we need to achieve the interconnection of our material world. Internet of Things, mobile networks, cloud computing and so on are all for the development of new information technology services. Intelligent logistics also relies on their development and has obtained abundant development resources and technical support.

2.2. Development Stages of Intelligent Logistics

First of all, we should optimize the existing logistics system. Intelligent technology and information system will be integrated into the logistics system, the key links of the logistics system will be strengthened, and the intelligent logistics and sustainable and stable development logistics system will be built, which will bring the future of sustainable development to the intelligent logistics system.

Improve the service quality of existing logistics products. Through the improvement of logistics services, the logistics customer service and cargo owner one-to-one service are allocated in the

supply chain link, the quality of logistics services is improved, convenient procurement and distribution services are provided for cargo owner, and producers are helped to provide flexible production.

Finally, build a modern and informationized logistics platform. Integrating logistics platform with intelligent system, building an intelligent, self-learning and regulating logistics information network platform, expanding the data analysis capabilities of logistics platform, enabling the platform to increase information sharing capabilities with other enterprises, transforming the previous competitive relationship into cooperative relationship, enhancing the integrated operation capabilities of logistics and information flow, and saving logistics costs.

3. Developing Intelligent Logistics

3.1. The State Is Currently Focusing on the Development of Intelligent Logistics

In 2015, the government reported the "Internet +" new industrial development plan, and the country published a number of policies on logistics development before and after. In April 2016, the State Council issued the "opinions on the implementation of the" Internet + circulation "action plan, and put forward a number of guarantee measures for the development of intelligent logistics industry. In July 2016, the "Internet plus" efficient logistics implementation was released, and more methods were put forward to make the development of intelligent logistics better and revitalize the logistics industry. In July 2016, Premier Li Keqiang repeatedly referred to the development of intelligent logistics in the executive session of the State Council. It is of great significance to mention that the rapid development of the logistics industry of "Internet + logistics" is a new way to speed up the economic development of our country. From the attitude of the government and leaders, we can easily see that the national level attaches great importance to the development of smart logistics. It can be seen that the government level has given strong support to the development of smart logistics, making the development prospects of smart logistics bright.

3.2. Diversification of the Development Model of Intelligent Logistics

At present, the sharing business model in society has led to the combination of logistics business and it has effectively solved some of the difficulties in China's logistics industry, such as the small scale, scattered, chaotic and other difficulties in the logistics industry. By positioning the truck in delivery with information software and positioning the goods and trucks in real time, the errors of empty warehouse return can be greatly reduced, thus effectively improving the logistics efficiency. The emergence of shared business model brings new business model to the logistics industry, but the sharing of logistics industry is to share logistics information, which realizes the logistics industry by sharing logistics information. The optimal allocation of resources at each node in the chain reduces the manpower and material resources required at each level of the logistics industry, thereby reducing the cost of the logistics industry and increasing profits, thus transforming the traditional logistics industry into a smart logistics industry. We can combine traditional logistics with modern emerging information technology to create more shared logistics development model. We can make use of the logistics standardization system and establish the "Internet +" strategy to achieve the sharing and joint distribution according to the in-depth development of the "Internet +" strategy. We will store the goods according to the demand of the goods, store the goods with more demand in the nearest warehouse, save logistics costs, and use the logistics platform to coordinate the goods, so that all customers can share the distribution resources, while improving the delivery efficiency, and at the same time, reduce the distribution efficiency. Transportation costs. Shared economy is the main trend of economic development, in which the status of logistics industry development is an important core to break the barriers of logistics information and information islands between different industries.

3.3. Assisting the Development of Intelligent Logistics through Mobile

Traditional logistics has been gradually replaced by the logistics of shared business model. Traditional logistics requires customers to notify the delivery point first, then the logistics enterprises distribute the goods, classify and send them to different places, and finally send the goods to the designated location by manpower. This traditional logistics mode lacking technology content is extremely inefficient, and at the same time increases the logistics burden. Obviously, nowadays we can't adopt such a mode of supply and flow of goods. We need the development of intelligent logistics industry model urgently. Nowadays, the universal application of mobile network 4G provides better service support for intelligent logistics. People can check their goods location at any time through the mobile terminal, or they can contact logistics companies through the network. They can ask for door-to-door service without having to go to a designated place to send goods. Express delivery personnel can also match their own express delivery area through logistics APP software, showing the order number and details simply, so that express delivery is more convenient. At the same time, it can save the terminal cost of logistics and improve work efficiency. And logistics enterprises can communicate with customers through the information platform, issue announcements and news, so that customers can more easily understand the service content they can enjoy. In the process of communication and feedback between enterprises and customers, they can accept more suggestions and opinions from customers to improve their service quality and bring more benefits to customers and enterprises themselves.

4. Problems Existing in Traditional Civil Aviation Logistics Teaching

4.1. Main Problems

Compared with the requirements of the new subject teaching, the common problems in the traditional civil aviation logistics teaching are as follows:

Under the background of new engineering, the traditional teaching method is too old-fashioned. Traditional teaching methods mainly include teacher's lecture and demonstration. Student's intelligence can only teach students skills and theoretical knowledge through textbooks, teachers'on-site lectures and demonstration contents. New subjects require us to teach students new concepts, new requirements and new ways. However, traditional teaching is obviously unable to meet the standards.

In the traditional teaching content, the teaching content can not fully meet the needs of today's industry development. There are old teaching content and textbooks, which can not keep up with the development of today's intelligent logistics and new information technology. This led to students in the learning process can not keep pace with the needs of industry development, and finally can not meet the new subject background of our teaching guidance work can not be carried out in accordance with the requirements and characteristics of the new subject.

The teaching evaluation system is not rigorous enough. The traditional teaching system mainly focuses on students'knowledge memory and mastery of professional skills. It lacks the cultivation of engineering quality of talents. Under the condition that every link of intelligent logistics can not be lack of human supervision, good product service to customers requires talents to have good professional quality and work accomplishment. The new subject is committed to cultivating talents who can serve the social development and have high-quality engineering technology. Therefore, traditional teaching must be reformed and new evaluation system must be added in order to better shape and cultivate high-end talents who master new technology.

4.2. Reform Methods

Introducing advanced teaching technology, teaching link is an important part of knowledge transfer. Teachers' teaching methods and methods directly lead to the quality of teaching. Traditional teaching is fixed in teachers' duplicate teaching and demonstration, which makes it difficult for students to arouse interest. Such a teaching mode lacks teaching interaction, resulting in students' learning situation often with half the effort.

Therefore, in the context of new engineering, teaching methods need to be reformed, such as case teaching content. Teachers can change project of engineering practice teaching into practice case, divide a course problem into various sections. Through raising questions, analyzing problems, solving problems and verifying problems, students can directly discuss and communicate with each other in groups, which is the teacher's discussion side. The final conclusion is drawn, and then the feasibility of the conclusion is verified. The teaching interaction is fully integrated into it, so that students can also get the opportunity to think independently and increase their interest in learning. This teaching method is much higher than the traditional teaching method.

5. Conclusion

Under the background of new engineering and the reform of new subject education, we must be close to the development of intelligent logistics, civil aviation logistics, develop intelligent logistics in practice, improve the development environment of logistics enterprises in our country through a series of policies and government support, give good development space to logistics enterprises in our country, and vigorously train high-end personnel of intelligent logistics and transportation industry. Only then can we make our logistics develop sustainably.

Acknowledgements

This work was supported by the Teaching Research Project of Binzhou University under Grant BYJYYB201814.

References

- [1] S.D. Ju, Y.S. Li, J. Xu. Logistics and Regional Economic Development in the West, Research on Quantitative Economy, vol. 2(2003),44-46.
- [2] X.D. Zheng. Construction of Modern Enterprise Logistics Management Model Based on Green Supply Chain Management, Business Economics Research, vol. 18(2017), 12-16.
- [3] C.X. Zhang, D.H. Peng. China's Smart Logistics Development Strategy, China's Circulation Economy, vol.10(2013), 36-37.
- [4] H.K. Cui, L. Zhang, Z.J. Jiang. Interaction analysis of logistics industry and economic development in Western China: provincial empirical study based on the Silk Road Economic Belt, Research on technology, economy and management, vol. 2(2015), 88-89.
- [5] J.J. Wei, H. Chen. Regional Differences in Contribution of Logistics Development Driving Elements to Economic Growth: An Empirical Analysis Based on Panel Data Model of Northwest Silk Road Economic Belt, Shanghai Economic Research, vol.6(2014), 26-29.