

The Impact of the Development of Civil Aviation Transport on the Economic Growth of Guangdong-Hong Kong-Macau Greater Bay Area

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Abstract: With the development of society and the improvement of economic level, all major cities in China have been developed rapidly. The economic development of Guangdong, Hong Kong and Macao has promoted the deepening of exchanges and integration between the three places. Guangdong, Hong Kong and Macao, taking the construction of Dawan area as the starting point, has gradually risen from regional cooperation to the national strategy, and has become a new growth pole for China's economic and social transformation and development. At the same time, it also drives the regional development level, and brings more strength in technology leading and innovation reform. And the national Belt and Road international cooperation, as well as the further expansion of the opening up and other aspects of the strategic implementation, regional economic transformation and upgrading, so that Guangdong-Hong Kong-Macau Greater Bay Area gradually integrated with the mainland Hong Kong and Macao development. The civil aviation transportation industry makes the economic development and the strategic goal realization important cross-Straits exchange transportation, also is the promotion economic promotion component. The main problems in the modern civil aviation transportation industry include integrated transportation integration, shipping policy innovation and core port positioning, regional port resource integration and so on. It can also be seen that the development of civil aviation transportation industry is also the driving force of Guangdong-Hong Kong-Macau Greater Bay Area economic growth, Guangdong-Hong Kong-Macau Greater Bay Area economic growth has driven the development of civil aviation transportation industry, which is complementary to each other.

1. Introduction

The development of the region can not be separated from the intercommunication between urban communities. The proposal of Guangdong-Hong Kong-Macau Greater Bay Area is mainly aimed at the development and upgrading of the Pearl River Delta cities, including Hong Kong and Macao. As shown in Figure 1:



Figure 1 Geographical location of Guangdong-Hong Kong-Macau Greater Bay Area

The gradual transformation from the economic and trade pattern of simple storefront and factory building to the economic market of organic integration of advanced manufacturing industry and

modern service industry means that Guangdong-Hong Kong-Macau Greater Bay Area has gradually increased from regional economic development to the national strategic level of all-round opening to the outside world. In terms of the size of the Guangdong-Hong Kong-Macau Greater Bay Area economy, it has basically reached the level of Russia and Australia, and surpassed the San Francisco Bay Area. Hong Kong has always been an international financial center, as well as an international central port and logistics center. Its modern service level continues to improve. is a financial port logistics city that communicates and docks with the world.

At present, the national economic development strategy for Guangdong-Hong Kong-Macau Greater Bay Area mainly includes infrastructure construction. Interconnection construction and the construction of comprehensive transportation system at home and abroad. And with the strategic development of Belt and Road in line, began to cultivate the industrial value chain of benefit sharing, constantly improve the efficiency of manufacturing transformation and upgrading. As shown in Figure 2:



Figure 2 Guangdong-Hong Kong-Macau Greater Bay Area Industry Diagram (Part)

And focus on the development of emerging industrial clusters, should achieve the establishment of financial core circle. Nowadays, Guangdong-Hong Kong-Macau Greater Bay Area economic construction has become the frontier of China's economic reform and opening up and an important platform to achieve economic growth. Driven by this background, Guangdong-Hong Kong-Macau Greater Bay Area shipping connected with world-class port groups has been more rapid development and the opportunity to upgrade to world-class modern ports in the future.

2. Development of Civil Aviation Industry

Since the founding of New China, the civil aviation transportation industry has been in the process of rapid development. According to the development course of the civil aviation transportation industry, it can be roughly divided into five stages. The first stage is the initial period of the civil aviation transportation industry. In this stage, the productivity and economic level determine the slow economic growth of the civil aviation transportation industry. The second stage belongs to the adjustment stage, in this stage, whether technology or productivity benefits from the reference of developed countries abroad, whether the management mode or transport efficiency has been significantly improved. The third stage belongs to the high-speed advance stage, this stage domestic market economy develops extremely fast, and the cooperation with the world international market trade grows gradually, but because the productivity is in the research and development stage, is limited by the domestic system reform, the civil aviation transportation industry development has been greatly affected. To the fourth stage, the technological and economic productivity has gradually increased rapidly, and the domestic economic situation has also changed from a planned economy to a market economy. In addition to the prosperity of the international market, the civil

aviation transportation industry has been developed at a high speed and successfully continued to the fifth stage. The overall passenger volume, cargo volume, civil aviation revenue and gross domestic product of the fifth stage of the civil aviation transport industry show a comprehensive and rapid upward trend. With the maturity and improvement of the market economy system and the promotion of economic globalization, whether trade or cultural exchanges, traffic volume has risen sharply. As a result, China's civil aviation transport industry has been more rapid development, so that the civil aviation transport industry and GDP are constantly developing and growing.

As an important industrial component of our national economy, civil aviation transportation industry plays an important role in promoting the overall economic growth. Hello, the rapid and slow development of the transport industry has a direct impact on economic growth. From the point of view of civil aviation transportation industry, shipping is the leading factor to promote the development of logistics transportation industry. Economic exchanges, tourism travel, industry and trade in the civil aviation transport of its fast, safe, comfortable, natural and international advantages, the overall promotion of economic growth. It can be said that the rapid development of civil aviation transportation industry is of decisive significance to the modernization level, economic structure and opening level of the national region.

3. Opportunities of Guangdong-Hong Kong-Macau Greater Bay Area Economic Growth for Civil Aviation Transport

Guangdong-Hong Kong-Macau Greater Bay Area is an important economic and trade service center in China. Guangdong-Hong Kong-Macau Greater Bay Area, according to the UK's number of global transportation, ranks third in the top 10. Hong Kong occupies the fifth place, Shenzhen occupies the third place, Guangzhou occupies the seventh place, the rapid development of civil aviation transportation industry has provided a huge boost to regional economic growth and even national economic growth[1].

At present, the construction of Guangdong-Hong Kong-Macau Greater Bay Area International Aviation Center is in the process of continuous improvement, its original foundation has been quite large, with the promotion of globalization and the increasing proportion of international markets, the development of Guangdong-Hong Kong-Macau Greater Bay Area's civil aviation transportation industry has gradually accelerated the overall development speed of civil aviation transportation industry, both equipment and technology have gradually realized the impact of the international leading position, especially in the construction of characteristic economic industry and industrial chain construction for civil aviation transportation industry has brought more development opportunities[2]. Current international mature Bay Area economic development experience shows that the best and most competitive urban agglomerations are concentrated in the coastal Bay Area, Guangdong-Hong Kong-Macau Greater Bay Area geographical advantages have been fully played, whether HNA or air transport, in the overall passenger volume. and the volume of logistics transportation has been unprecedented growth. The whole Bay Area economy has become an important growth point of global economic development and the driving force of introducing modern advanced science and technology reform. Guangdong-Hong Kong-Macau Greater Bay Area (Guangdong-Hong Kong-Macau Greater Bay Area) has a unique pattern of Chinese style, with distinct styles and characteristics of economic construction in the Bay Area with Chinese characteristics, and has gradually realized the coordinated development of cross-regional economy. At present, the economic construction and economic growth of Hong Kong-Macau Greater Bay Area focus on overall coordination. The realization of mutual benefit and complementarity between the three places, but also more advanced, high-end services into the mainland, is the domestic economic construction and industrial structure has been greatly improved. One day in the international airline service security system has a great advantage, and in the gradual integration, strong push to achieve comprehensive economic growth. The Ministry of Commerce has also made a clear plan for the liberalization of services trade between Guangdong, Hong Kong and Macao, focusing on the push into liberalization of services trade between Guangdong, Hong Kong and Macao, which has greatly enhanced the radiation driving force for the development of services trade

in Guangdong and other regions, and gradually spread its radiation scope throughout Southeast Asia[3]and gradually to the global service trade development highlands and integrated service hub direction. In particular, Hong Kong, as a traditional transport hub and a free trade port, has a more natural policy advantage than at home. The modern civil aviation transportation industry is the future development direction of Hong Kong and Hong Kong aviation logistics industry. The Guangdong-Hong Kong-Macau Greater Bay Area also focuses on the establishment of modern e-commerce shipping services and industrial trade transaction services in the aspects of aviation logistics, information intelligence, economic trade and financial business. All these advances provide more opportunities and impetus for the development of civil aviation transportation industry[4].

4. Effects of Civil Aviation Transport on Guangdong-Hong Kong-Macau Greater Bay Area Economic Growth

The development of civil aviation transportation industry can be seen from the impact of economic GDP growth, civil aviation transportation industry has a great role in promoting economic growth, especially the geographical location of Guangdong-Hong Kong-Macau Greater Bay Area, outstanding economic and trade conditions, the rapid development of the market, which also makes Guangdong-Hong Kong-Macau Greater Bay Area cargo volume and passenger volume gradually increased, and the growth of freight volume and passenger volume also means economic growth. Both passenger and cargo volume of civil aviation and economic growth are one-way causal relationship, which has a significant driving effect on the economic growth of Guangdong-Hong Kong-Macau Greater Bay Area[5]. As shown in Figure 3:

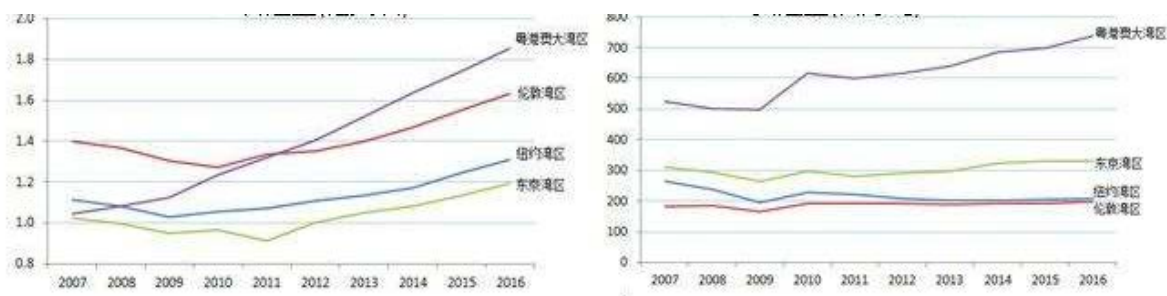


Figure 3 Selected data on passenger and cargo volume in the Guangdong-Hong Kong-Macau Greater Bay Area civil aviation transport industry

Usually, the economic income of enterprises in the civil aviation transportation industry can also clearly show the development and growth of the whole civil aviation transportation industry. From the current domestic contribution rate to the Guangdong-Hong Kong-Macau Greater Bay Area civil aviation transportation industry, the civil aviation transportation industry has maintained the highest contribution rate to the economic growth of Guangdong-Hong Kong-Macau Greater Bay Area for several years. Although the contribution rate of some stages has decreased, the contribution of civil aviation transportation industry to economic growth is increasing continuously from the overall point of view. In 2017, the contribution rate of civil aviation transportation industry was 26.73%, and in 2018, the contribution rate of transportation industry was 28.25%, so it can be seen that civil aviation transportation industry has an important contribution to the economic growth of Guangdong-Hong Kong-Macau Greater Bay Area[6].

5. Concluding Remarks

It can be seen from the above article that the impact of the civil aviation transportation industry on the transportation industry is mainly measured from such two aspects. Especially, the tourism and service industry of Guangdong-Hong Kong-Macau Greater Bay Area are more developed, and the overall productivity is higher, which is also the main factor of the increasing freight volume and passenger volume of Ni shipping and transportation industry in Guangdong-Hong Kong-Macau

Greater Bay Area at present. The long-term balanced relationship between the economic growth of Guangdong-Hong Kong-Macau Greater Bay Area means that the civil aviation transportation industry has an important influence on the Guangdong-Hong Kong-Macau Greater Bay Area. The state and relevant administrative departments must actively give full play to the promotion role of civil aviation transportation industry, constantly strengthen the level of marketing, market decision-making, enhance the competitiveness of enterprises, fundamentally improve the internal motive force for the development of civil aviation transportation industry, realize the improvement of modern air ports, and promote the economic development of Guangdong-Hong Kong-Macau Greater Bay Area.

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