УДК 623

## FACTORS INFLUENCING THE DEVELOPMENT OF BUSINESS AVIATION IN RUSSIA

Машковцева Е.С. студент гр. 1244, II курс Фомичев Е.Д., студент гр. 1244, II курс Научный руководитель Мансурова С.Р., преподаватель кафедры ИЯРРкИ Казанского национального исследовательского технического университета имени А. Н. Туполева г. Казань

The term "business aviation" refers to a special type of civil aviation and its aircraft are designed for the irregular transportation of passengers and baggage on individual orders, as well as for corporate or personal needs.

The main advantage of business aviation is that the customer can comfortably and safely make their trip or organise a trip for company members on a convenient route. For entrepreneurs, the efficiency of business aviation is the main factor of competitiveness compared to traditional civil aviation. At the same time, some passengers use business aviation because civil aviation does not fly on these routes or they need to get to places where there are regular flights, but civil aviation airlines work on inconvenient schedules. An important feature of business aviation is the ability of most of its aircraft to use small aerodromes, as well as airports in small communities to which, due to low commercial efficiency, flight routes are not provided or are operated at long intervals. Besides, there are passengers who use business aviation services due to personal safety or industrial security interests. Business aviation allows people to save their working time by minimising travel time, increasing productivity of the use of travel time, safety and reliability of transportation. Moreover, - an important advantage is that the results of transport services can be clearly planned and predicted. In some cases, organisations need to move critical equipment quickly, which can also be done more conveniently with the help of business aviation [1]

The reason for the use of business aviation in the world differs from the reasons for its use in Russia. For Russian business jet passengers, the main motivation is still the use of business aviation in accordance with their ideas of comfort, prestige, industrial and personal safety, while at the global level this reason has long been secondary. [2]

The Russian Federation does not provide statistics on business aviation flights, as it is considered a confidential service. But approximately the figure of business aviation flights in Russia is about 7,000 business aviation flights annually, these data are rough estimates based on the frequency of business aviation aircraft appearing at Moscow aerodromes. According to experts, the Russian business aviation market has a great potential for development. They assume that the business

aviation market will be able to generate revenues of about \$300m per year on domestic flights and about \$150m on international flights.[5].

Market readiness, along with the general level of development of the national economy and its growth rate, plays an important role in the formation of business aviation development trends. Recently, the Russian business aviation market has decreased in size, which is naturally due to both objective causes (deterioration of the foreign policy and foreign economic background) and subjective, managerial and organisational ones.

The analysis has shown that the key factors of the domestic business aviation market that most significantly affect its development and functioning include:

- 1) a strong correlation between the growth of prices for raw material assets and the number of flights the more positive the price dynamics for energy raw materials (oil, gas, etc.), the greater the number of business aviation flights (as oil and gas companies play a leading role in the Russian economy).
- 2) high total tax for aircraft registration on the territory of the Russian Federation, due to which most business aviation operators prefer to register their aircraft abroad, which leads to an increase in the cost of flights, restrains the development of infrastructure, and leads to the development of the shadow sector associated with the illegal transportation of business jets to the territory of the Russian Federation.
- 3) insufficient infrastructure development. Quality infrastructure for business aviation flights in Russia was for a long time limited to VIP terminals Domodedovo, Sheremetyevo and Vnukovo in Moscow, and Pulkovo in St. Petersburg. Over time, terminals to serve most international airports in the Russian Federation have emerged. Nevertheless, the number of airports that can accommodate business aviation flights is small compared to EU countries and the USA. Compared to 15,000 airports in the US, Russia has only 300 certified aerodromes.
- 4) A specific feature of the Russian business aviation market is the fact that domestic aircraft manufacturers do not produce business class aircraft. [3]

The economic factors that will influence the development of business aviation in Russia are the following:

- 1) growth of the business aviation sector at the international level;
- 2) processes of globalisation and regional integration (development of production forces and transfer of production to South-East Asia, Eastern Europe and other regions of the world lead to the fact that Russian businessmen will use business aviation services more actively);
  - 3) development of public-private partnership projects[4]

The development of business aviation in Russia is determined by a number of factors. Our citizens have the need to fly long distances, our country's economy is currently in a growth phase, which causes an increase in the welfare of both Russian citizens and Russian corporations. The analysis shows that most of the problems hindering the development of business aviation in Russia are in one way or another related to financing the construction and upgrading of infrastructure. Therefore, it can be proposed to use the mechanism of public-private and municipal-

private partnership in the construction and modernisation of terminals and airports for business aviation as a solution to these problems.

## **References:**

- 1. Slivinsky, D. V. Business aviation in Russia: peculiarities of functioning and development prospects / D. V. Slivinsky, I. A. Fomina, D. G. Menshikh // Economics and Management. 2020. T. 26. № 1. C. 86-93. <a href="http://doi.org/10.35854/1998-1627-2020-1-86-93">http://doi.org/10.35854/1998-1627-2020-1-86-93</a>
- 2. Analysing Russian business aviation // BizavNews. 2019. 7 May. URL: https://bizavnews.ru/237/21274?ysclid=lrybd82olx311768332
- 3. Boiko, P.S. Scientific supervisor Anikina Y.A. Problems of business aviation in Russia. Siberian State University of Science and Technology named after Academician M.F. Reshetnev Russian Federation, 660037, Krasnoyarsk, Krasnoyarsk ave. im. gaz. "Krasnoyarsk Worker", 31
- 4. Parshikova, I. E. Features of business aviation market development / I. E. Parshikova, O. A. Nemchinov // Actual problems of aviation and cosmonautics. 2013. T. 2, № 9. C. 198-199.
- 5. Bendikov, M. A. Aviation and Space Industry of Russia: State and Growth Potential. M.: TSEMI RAN, 2004.