PROPOSAL FOR COOPERATION OF AIRPORTS WITH SHIPPING FIRM

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Logistics, freight transportation, courier and shipping companies are now very popular. These companies in providing their services are using in a considerable extent air transport. Whether specific airports or airlines. In the text the reader is getting information's about the basic logistics technologies. It mainly focuses on transportation companies within the freight transport. With more focus on air cargo, aircraft used to transport of cargo, resources for dispose and discharge of cargo. In the next section, the reader will be informed about the spedition itself, which is described in a brief and clear characteristic of transport activities and the most famous transportation companies in the world. In the main part of the work, the reader take note of the activities of transportation companies on the Slovak market and their cooperation with the Slovak airports. At the end of the work the reader will find opportunities for the development of regions of the Slovak Republic in the field of air transport cooperation with spedition companies.

K e y w o r d s: Logistics, logistics technology, freight transportation, freight forwarding operations, air cargo

INTRODUCTION

Aviation is one of the newest forms of transport that passes the sharpest development since its inception. Developed into one of the most important sectors due to increasing global trade, travel and tourism. Aircraft as a means of transport is used where there is as decisive factor in speed or long distance. In today's requirements for speed and security of transport air transport forms an inseparable part of the transport structure of the state and has its irreplaceable function in the intercontinental traffic.

At present, along with the progress of science and technology grows demand for services offered by courier companies. This is due to the rapid development and globalization of the Internet and internet purchase or sale. A customer who orders such product expects to be delivered as soon as possible from all over the world. In the past, when we ordered some goods from countries like the U.S., China, Japan and others, the receiving took a lot of time. Currently, it takes considerably less time. This is due to the fact that the freight forwarding companies are specializing in the needs of customers and to customer satisfaction are using all types of transport, including air transport. The services of forwarding companies are using in a bigger amount big companies and corporations. As an example we can mention, the companies specialized in the sale or transport of economically but also physically rapidly perishable cargo (paper, food, medicine, clothes, etc.). For the use of these services is very convenient to use air transport, which is very fast and safe.

1 LOGISTISC

Logistics is a scientific field that has evolved over the decades by gradually deepening the knowledge and understanding of management of material flows, control chains and networks, information and finance. In recent years of the last century and in the beginning of the 21st century the logistics has become a phenomenon which indicates the dynamics of the world economy.

It is an area that has a substantial impact on the cost of the product and the competitiveness of companies. Logistics is in the broader sense an attitude of thought which brings benefit wherever the overall assessment time consecutive and ongoing processes leading to their optimization.

1.1 Designing appropriate logistics technology

Logistics technologies based on the interaction of various subsystems logistics chain. Impetus to the creation of logistics technologies usually based on the production, but must be driven needs and market opportunities. The market thus affecting production, but this binding applies retroactively - production affects the market. This mutual interaction affects the choice of logistics technology and vice versa, logistics

technology can affect the binding of production - market.

The most commonly used logistic technologies are:

- · Concept Just in time
- Concept rather than the production
- The concept of transport
- Concept Transportation by computing
- The concept of warehouses and transport terminals.

1.2 Air transport

Air transport differs from other types of transport, whether by road, sea or rail through intercontinental character, overcoming long distances at high speed, unrestricted movement of aircraft over the terrain, necessity of focused and operational management, high rate of technological development, need for employing of highly qualified employees and discipline of operation and control employees, but also high cost of acquisition and operation of aircraft equipment and aircraft ground equipment.

1.3 Freight logistics

The term logistics air freight we understand the planning, organization, management, control and execution of freight transport operations in the supply chain. These individual components involved in transporting cargo in cooperation with airports provide air cargo agents, airlines and air services. Planning and organization of aviation is implemented and applied in particular to the international character of this transport, which usually has to overcome long distances and high economic and physiological requirements, which require fast, convenient and safe transport.

1.4 Forms of air cargo

Air freight began to develop in the post-war years as a seasonal transport ensuring the transport of agricultural crops such as vegetables and fruits. That's how fast it will develop air freight depends largely on the strategy and the composition of the fleet of the airline.

Currently there are forms of air freight are:

- Shipping form of documentation of passenger aircraft (bulk depending on the number of persons carried)
- Shipping form of documentation of passenger aircraft (in containers, depending on the number of persons carried)
- Transport of goods semi versions of aircraft (SQC - Semi-Quick-Change, bulk in containers).
- Transport of goods in mixed versions of aircraft (QC - Quick-Change, in containers and on pallets),
- Transport of goods in cargo versions on pallets and containers

Transport systems offered forwarder company are divided into:

- Door to door
- · Air Ground Air
- Air Sea Air

Forwarding the air transport of goods

Ever-increasing volume of air traffic of goods in some airlines reached such proportions that the airline its forces and means is unable to maintain this trend in the development of transport at the desired level. For this reason, the airlines access to the use of services for shippers whose business is primarily in preparation for air transport. Shippers concentrate small packages and compile them into a higher weighting categories, which for aviation customers more cost-effective.

1.5 Technical base of air cargo

The most important part of the technological base of aviation include: fleet, aviation ground facilities - airports, including related service roads and utilities, which serve to ensure air traffic

More than 50% of goods are transported purely cargo aircraft and mixed versions possibly additional freight in passenger aircraft. Cargo space is divided between the main and lower deck. The main deck is usually designed for passenger transport. In semi or combi - versions of the aircraft is intended space completely or partially to load cargo.

1.6 Means of transport for handling freight

This wide group of resources provides quick and gentle loading and unloading cargo.

Freight can be divided into two groups:

- 1 Baggage
- 2 Cargo

For the operations in a group of cargo are mostly used the following equipment: truck containers and container lifters.

1.7 Intermediaries in air freight transport

Currently, the range of services provided by intermediaries in aviation is extensive. It is not specialized only on shipment itself, but includes a wide range of services related to the formalities for the transport of goods through the customs border, clearance of goods at the airport and handling with them. Intermediaries are able to provide a complete shipment from the sender to the recipient without the sender having to enter into relations with another third person. Intermediary aviation can be either IATA Cargo Agent or air consolidator.

1.8 Intermediaries to Slovak aviation market

On the Slovak transport market intermediary activities in the transport of cargo devoted several types of companies:

- independent freight forwarding companies agents
- freight forwarding companies dealing with the other modes of transport,
- subsidiaries of foreign forwarding companies,
- courier delivery services.

2. FORWARDING

Shipper is the one who in his own name in a foreign interest and on behalf of third person procures and ensures shipments from dispatch to the destination.

The aim of forwarding companies should be the optimal solution of the central and relational transport conditions in terms of business connections. Forwarding contract is a contract between the customer and forwarding company. Arbitrage trading is speculation generally on the stock markets, the essence of which is to make a profit by using the differences in courses - foreign exchange, commodity.

2.1 The most freight forwarding and shipping companies operating in the Slovak Republic:

- DHL Express Slovakia
- Fedex
- Skyport
- · TNT Express

DHL

DHL has its own air transport, European Air Transport (originally based in Brussels) and DHL Air (based in the East Midlands Airport in the United Kingdom). In spring 2008, the EAT of its fleet of Boeing 757SF cargo aircraft and Airbus A300 relocated from the Brussels airport in Belgium Halle Airport, Leipzig (Germany). Leipzig is now a leading European aviation hub of DHL.

FedEx

Federal Express Corporation ("FedEx Express") is the world's largest express transportation company. Thanks to its widely developed aviation system and the ever-increasing ground infrastructure, FedEx Express is able to deliver the consignment within 1-3 days to most destinations around the world, which is concentrated to 90% of world economic activity.

Skyport

Skyport is a reliable and technologically advanced partner in handling cargo at airports in Prague, Bratislava and Kosice. In combination with road center and the new technologies represent a terminal area Skyport actual logistics center for Central and Eastern Europe.

This company in Slovakia, yet are among the newcomers to the market, but its uniqueness and attractive offer begins to compete with larger companies mainly in the field of air transport.

TNT Express

TNT Express is based in the Dutch town of Hoofddorp and is one of the largest express delivery companies in the world. TNT Express daily traffic of about 1 million shipments of documents, parcels to heavy pallet loads. It uses road and air transport networks in Europe, the Middle East and in Africa. Asia Pacific and the

Americas. Central hub for air operations TNT Express is located in the Belgian city of Liege. In 2012, the total revenue TNT Express 7.3 billion euros.

2.2 Method for improving the exploitation of freight forwarding companies

A large number of logistics, freight forwarding and shipping companies in its philosophy focuses on improving their supply chains and relationships, whether inside or outside the Company. The most widely used method for creating such an activity is the application of supply chain management.

Supply Chain Management (SCM) is an action based on the involvement of all organizational units that make up the supply chain (SC) and the harmonization of material, information and financial flows in order to meet the requirements from the perspective of the end customer the supply chain and increase the competitiveness of the supply chain.

Supply chain management providers in Slovakia

On the Slovak market offering Supply Chain Management many companies.

The issue of Supply Chain Management deal greatly these two companies:

- SAP product mySAPTM Supply Chain Management,
- Oracle with Oracle Supply Chain Management.

3 OPERATION OF FORWARDING COMPANIES IN SLOVAKIA

Slovak Republic as a whole is very diverse, this is also true in forwarding and delivery transport. Unlike larger cities, where the demand for such services always increases, so areas with lower population and employment less use this services.

In the Slovak Republic freight forwarders and shipment messengers primarily use the road transport. It is caused by a fact that the SR area is very small and the air delivery within the services offered in the domestic sphere is very financially unprofitable as well as for carrying agents and for customers.

Therefore the main article in cooperation of aviation and airport freight forwarding companies is international transport. Currently rapidly growing e-commerce and Internet purchases from different countries, enabling forwarding companies to offer their services and expand their scope.

Major airports in Slovakia and in Bratislava, Kosice and Poprad therefore have the opportunity to work with those companies as follows:

- Rental of premises within the airport such courier companies for their own marketing purposes (ie office rent)
- Rental of warehouses and hangars
- · Providing handling services

Because nowadays even when not used, this market is so saturated and busy, so the third option is often not realized. For courier company is the better place to buy a seat on the plane normal to the line and use them to transport shipments chair, respectively. to these conventional routes may use their aircraft cargo compartment, thereby reduce its own costs for fly.

On the Slovak market mainly operate these courier companies:

- DHL
- SPS Slovak Parcel Services
- TNT
- FedEx
- · Geis Services
- Skyport

3.1 Effect of TNT Express Worldwide Slovakia

Since 1993, TNT Express operates in the Slovak Republic as an independent company under the name TNT Express Worldwide al. s.r.o. (hereinafter referred to as TNT Slovakia). Company 31 12 2012 employed 132 internal employees and 74 contractors.

3.2 Geis Parcel Slovensko

Geis Parcel Slovakia is part of a global logistics Geis Group, based in Bad Neustadt, Germany. She entered the Slovak market in 2006,

taking over the company TEN Expres Slovakia, national provider of transportation packages, which since its founding in 1992, has built the most extensive transportation network for the domestic transport of packages in Slovakia.

The company Geis SK Slovak Republic has currently 7 branches namely in Bratislava, Nitra, Poprad, Prešov, Trenčín, Žilina and Zvolen. With its sister companies, especially Geis CZ Air + Sea is among najväčäčšie transport and logistics companies in Slovakia.

4 DEVELOPMENT OPPORTUNITIES SR AIRPORTS ON THE BASIS OF COOPERATION AND AIRPORTS AND THE REGION

4.1 Development of the region related to the airport Bratislava

Due to the structure of the carrying agents the transport of cargo in the aircraft hold at Bratislava airport only marginal. The current largest carrying agent Ryanair in terms of their conditions of carriage does not admit cargo and as for charter flights, seaside resorts are not a source of air shipments.

In terms of future development is a limiting factor also the lack of technical infrastructure required by air carrying agents, in particular the fact that the airport does not own hangars and has not yet been built terminal for handling cargo. In 2013 he was but at the Bratislava airport built by DHL distribution storage, which forms a logistics point for Central Europe.

4.2 Development of the region related to the airport Kosice

Use of Košice Airport is currently focused on civil national transport, international passenger and freight services and training for high school students. Besides scheduled and charter flights are also represented commercial flights in general aviation, mainly due to major foreign companies and their subsidiaries in the catchment area of the airport.

Košice airport currently has not built terminal for cargo. Cargo, which is at this time a limiting factor for greater cooperation with forwarding companies. Because the cargo to be transported by air to the Košice airport is handled in the terminal with the other passengers, which significantly slows down the process.

Industrial parks near the airport Kosice offer for freight forwarding companies the opportunity to hire a warehouse where they can then build their distribution and the transshipment point. Shipping companies can also in cooperation with the airport build their own warehouses on their land and use it to simplify and speed the process of air cargo.

4.3 Development of the region related to the airport Poprad

The primary aim is to provide quality airport services in the field of air transport and sustainable aviation flights (e.g. commercial flights, private flights).

Cargo development in the near future at the airport Poprad - Tatry is planned.

4.4 Development of the region related to the airport Zilina

Airport operator played a positive role in deciding of the representatives of Hyundai / Kia about the location of a new car company. Downstream "investment boom "in the Zilina region so creates the potential with the new requirements in the operation of the airport, its further development, or expansion of service offerings.

Town airport has become attractive for logistic services in the preparation of the project is the Dutch- Czech development company CTP Invest, which is considering the construction of industrial and logistics park with an expected number of 2000 new jobs.

5 CONCLUSION

In the Slovak Republic, the market for forwarding and its offer to the customer is not developed as much as in the most developed and economically stable countries in Europe. Forwarding and courier companies are offering various products and services but the purchasing power of SR households is not sufficient in this regard. Customers instead of paying extra for a significantly quicker and safer transport by air

transport are largely satisfied with the supply of goods for a long time.

Cooperation between freight forwarding companies and SR airports slowly begins to move forward, as can be read in this thesis, behind the development of each SR region is also this cooperation. At the airports are being built transshipment and storage, improving the infrastructure. At these points in the future will ultimately benefit all stakeholders. And airports, as well as freight forwarding companies and last but not least the customer.

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