



Air Cargo Overview

Обзор Грузовых Авиаперевозок

Air Cargo Carriers

Грузовые Авиаперевозчики



Air Cargo Carriers

Air cargo services are provided by a segmented group of air carriers that provide various services based upon wide ranging customer demands.

The following four basic types of carriers provide these services:

- Integrated express operators
- All-cargo carriers
- Commercial service passenger airlines
- Ad-hoc cargo charter carriers

Integrated express operators

FedEx, **UPS**, and **DHL** operate a fleet of scheduled aircraft, trucks, and couriers offering door-to-door delivery service. These carriers operate extensive hub-and-spoke networks providing expansive geographic coverage.

In 2003, integrated express carriers accounted for 61 percent of the U.S. domestic air cargo market, yet held only 12 percent of the international market (projected to increase to 31 percent by 2019).

DHL Cargo plane

Грузовой самолет компании DHL



FedEx Cargo Planes

Грузовая Компания FedEx Самолеты



UPS Cargo Plane

Грузовой самолет компании UPS



All-cargo carriers

Грузовые перевозчики

Atlas Air Cargo, **Gemini**, etc. generally operate scheduled wide body aircraft from one major airport to another, such as Chicago to Tokyo and are highly reliant on the air freight forwarding industry. Approximately 10 to 15 percent of world air cargo traffic is moved by all-cargo carriers, primarily on long-haul international or transcontinental routes.

Due to their airport-to-airport service structure, all-cargo carriers are typically concentrated in large, high volume market airports; geographic coverage is limited.

Atlas Air Cargo

американская грузовая авиакомпания



Gemini Air Cargo

упразднённая грузовая авиакомпания США



Commercial service passenger airlines

пассажирские авиакомпании Коммерческая служба

United, Delta, US Airways, Lufthansa, Air India, etc. are scheduled passenger airline operators. Space in the bellies of these aircraft is generally available to move cargo airport-to-airport. Commercial air carriers account for the majority of international air cargo lift.

Commercial service passenger airlines

However, within the U.S. domestic market, commercial carriers account for only 15 to 20 percent of the domestic air cargo – a market dominated by the integrated express carriers.

The air cargo market share of commercial passengers carriers, particularly on domestic routes, has declined significantly due to security measures and restrictions brought about by the September 11 terrorist attacks. Pre-September 11, it was estimated that commercial passenger carriers accounted for 25 percent of the domestic air cargo market.

Lufthansa Airline



Флагманский авиаперевозчик
Германии, крупнейший
авиаконцерн Европы

Ad-hoc cargo charter carriers

Специальные грузовые чартерные перевозчики

Grand Aire, Volga-Dnepr are unscheduled air charter operators who move goods from airport-to-airport. The market share of these operators is minimal.

Sporadic and unscheduled operations make tracking tonnage difficult; best estimates put ad-hoc cargo operator market share at 5 per cent domestically and 2 to 3 per cent internationally.

Grand Aire



Volga-Dnepr Airlines



Air Cargo Services

Услуги Грузовых Авиаперевозок

The four types of air cargo carriers discussed in the previous section provide the following three primary types of air cargo service options:

- Integrated express service
- Freight forwarding
- Airport-to-airport

Cargo Aircraft Types

There are three major kinds of aircraft that serve as air freighters:

- ◆ **wide-body jets,**
- ◆ **narrow-body jets, and**
- ◆ **narrow-body turboprop aircraft** (commonly called “feeder aircraft”).

Various Wide-body Freighters

Различные перевозчики широкофюзеляжный

Boeing 747



McDonnell Douglas MD-11



Airbus A380



Various Narrow-body Freight

Различные перевозчики узкофюзеляжных

Douglas DC9-15



McDonnell Douglas MD-80



Boeing B727



Various Air Cargo Feeder Aircrafts

Cessna Caravan



Fairchild Metro III



Shorts SH360



Thank you
very much