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Passenger Demand for May 2013



In the first week of July, the International Air Transport Association (IATA) announced global traffic results showing that air travel continued to expand. Growth was led by the emerging markets of Africa, Latin America and the Middle East. Compared to the same month of the previous year, overall demand rose by 5.6% and capacity by 5.2%. The load factor has been increased to 78.1%. Tony Tyler, IATA's Director

General and CEO regarding this development stated: "Global economic performance remains a concern; however, demand for air travel continues to expand. The primary driver is growing demand for connectivity to emerging markets. The business environment has also improved compared to mid-2012 with some indications of easing weakness in the Eurozone. It's still a tough environment, but there are some reasons for optimism in the second half of the year".

European carriers recorded a 5.6% growth on international services compared to May 2012. Capacity growth by 4.4% while load factor climbed 0.9% percentage points to 79.1%, the second highest among the regions. It is obvious that the amelioration of the economic status quo in Europe and thus the improvement of the business confidence are supporting this upward trend.

On the contrary, May was not a good month for the Asia-Pacific airlines' as while traffic rose by 3.7% compared to the year ago, capacity rose by 5.5% with the result that load factor decreased by 1.3% points to 74.1%.

Region	Annual Passenger Growth Rate	Annual Capacity Expansion	Load Factors
Europe	5.6%	4.4%	79.1%
North America	3.0%	1.7%	83.4%
Asia-Pacific	3.7%	5.5%	74.1%
Middle East	11.7%	12.8%	73.5%
Latin America	7.9%	8.9%	77.4%
Africa	9.8%	7.4%	66.2%
Global	5.6%	5.2%	78.1

In May, the North American airlines international traffic, climbed by 3.0% comparing to same month's results in 2012. This was the slowest rise among the regions but with capacity up just 1.7%, load factor rose 1.1% points to 83.4%, the highest of any region.

In other regions, Middle East Carriers showcased a strong year-on-year traffic growth of 11.7%, the highest of any other. Nevertheless, capacity climbed by 12.8% and load factor declined by 0.7% points to 73.5%.

The African airlines' traffic climbed 9.8% in May compared to last year's. This was the second highest among the regions. Additionally capacity rose by 7.4%, raising load factor by 1.4% points to 66.2%.

Finally, the carriers in Latin America demand rose by 7.9% compared to May 2012, while capacity climbed 8.9%, depressing the load factor by 0.7% points to 77.4%.

Kyriazis Vasileios,
Epicos Newsletter Head Editor

Cargo Demand for May 2013



According to the estimations of the Geneva based International Air Transport Association (IATA), the global air freight demand continued to be in a standstill in May, broadly following the trend of the last 18 months. It is indicative that global freight tonne kilometers increased marginally by 0.8% in May compared to a year ago. Capacity, however, increased by 2.1% causing load factors to fall to 44.9%. Tony Tyler, IATA's Director General and CEO stated regarding this development that: "It is getting harder to find optimistic signs for air cargo growth. The Middle East remains a bright spot, and the rate of decline in the Eurozone is easing. But this is offset by the weakening of expansion in Asia-Pacific. It is now clear that the positive global upswing in air cargo at the end of 2012 was an illusion. Air cargo, along with many parts of the world economy, appears to be in suspended animation at the moment."

Carriers of Asia-Pacific region showcased a fall in freight volumes of 0.5% compared to May 2012, while capacity grew by 0.3%, further depressing load factors. European carriers freight volume increased by 1.0%. This was the second-best growth of any region. The improvement of business confidence and the slowdown of the pace of economic decline in Eurozone created this positive environment. Nevertheless, we should always take into consideration that the trend in recent months has been little or no growth.

Region	Change in Freight Volumes
Europe	1.0%
North America	-1.2%
Asia-Pacific	-0.5%
Middle East	9.7%
Latin America	-0.1%
Africa	0.2%

Regarding the North America region, carriers posted a 1.2% decline in demand for air cargo, and capacity grew slightly, namely by 0.1%. In Middle East carriers grew by 9.7% compared to May 2012, taking advantage of their aggressive hub strategy at the crossroads of East and West, and the growth of routes out of Africa to China.

The cargo volumes of the carriers in Latin American fell by 0.1%, a rather discouraging figure after the good performance the region showcased since the beginning of the year. Finally, the African carriers grew just by 0.2% in May.

Kyriazis Vasileios,
Epicos Newsletter Head Editor

Epicos "Industrial Cooperation and Offset Projects"



Epicos "Industrial Cooperation and Offset Projects" provides a unique set of online tools enabling the structure, identification and implementation of comprehensive Offsets programs, through a searchable database. By introducing different offset projects and ideas proposed by local A&D industry it ensures the optimum cost for Prime Contractors and reassures that the priorities of local industry are fully met...

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Development of composite twin smart container for the transport and storage of new generation missiles



A leading company in the development and manufacturing of composite products for ballistic protection and structural applications is proposing the development of a smart composite twin container for transport and storage of new generation missiles.

[For Further Information Contact our ICO Department](#)

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Producing and installation complete Checkpoint equipment



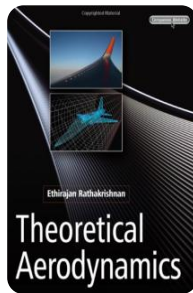
A company specializing in services connected with the production and construction of steel structures, from project plan to turn key projects, in the frame of an offset program, is proposing collaboration as a subcontractor to a foreign company active in the steel construction industry, the supply and installation of complete checkpoints, or different checkpoint CP equipments, such as looking towers, cordons, fire positions, bolt holes, razor-bladed wire, etc. As part of the project the foreign company will transfer its know-how on the required equipment and buildup of a checkpoint training facility for the training of soldiers before deployment to peacekeeping and other operations.

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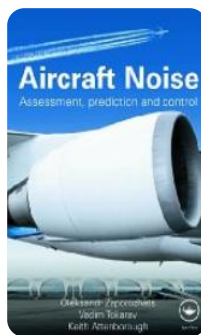


Theoretical Aerodynamics, by Ethirajan Rathakrishnan



Theoretical Aerodynamics is a user-friendly text for a full course on theoretical aerodynamics. The author systematically introduces aerofoil theory, its design features and performance aspects, beginning with the basics required, and then gradually proceeding to higher level. The mathematics involved is presented so that it can be followed comfortably, even by those who are not strong in mathematics. The examples are designed to fix the theory studied in an effective manner. Throughout the book, the physics behind the processes are clearly explained. Each chapter begins with an introduction and ends with a summary and exercises.

Aircraft Noise: Assessment, Prediction and Control, by Oleksandr Zaporozhets



Aircraft noise has adverse impacts on passengers, airport staff and people living near airports, it thus limits the capacity of regional and international airports throughout the world. Reducing perceived noise of aircraft involves reduction of noise at source, along the propagation path and at the receiver. Effective noise control demands highly skilled and knowledgeable engineers. This book is for them. It shows you how accurate and reliable information about aircraft noise levels can be gained by calculations using appropriate generation and propagation models, or by measurements with effective monitoring systems. It also explains how to allow for atmospheric conditions, natural and artificial topography as well as detailing necessary measurement techniques.



Canada, China to boost air links as accord reached

Canada and China have reached an agreement aimed at boosting air transport links between the two countries, the Canadian government announced here Thursday.

The agreement will see an increase in flights between a greater number of destination cities in both countries, Foreign Affairs Minister John Baird said in a statement.

"This agreement is good news for travellers, shippers and Canada's aviation industry as a whole," Baird said.

The accord will increase the number of flights between China and Canada and also gives Chinese airlines the ability to offer passenger and all-cargo services to third countries in connection with Canada.

The agreement also allows for improved code-sharing agreements with partner airlines from third countries, the statement said.

The provisions of the agreement take immediate effect.

Baird meanwhile noted that the accord reflected the importance of the Asia-Pacific region to Canada.

"Increasing ties with the Asia-Pacific region is absolutely vital to Canada's future prosperity," said Baird.

Bilateral trade between Canada and China reached record levels in 2012. China is now Canada's second-largest export destination after the United States, the statement said.

Source: 2013 AFP, Agence France-Presse (AFP)

India's defence minister in first trip to China in 7 years

India's defence minister will lead a high-level delegation to China on Thursday, the first such trip in seven years, as the two sides ramp up efforts to rebuild trust after a recent flare-up over a border dispute.

A.K. Antony will meet his Chinese counterpart General Chang Wanquan during the three-day visit, with talks to include peace on their shared border as well as regional security issues, the defence ministry said.

"Both ministers are expected to discuss a number of issues, including those related to maintenance of peace and tranquillity on the border... and matters relating to regional and global security," India's ministry said in a statement.

The visit coincides with a five-day trip by Pakistani Prime Minister Nawaz Sharif to China, his first foreign visit since his May election.

Antony's trip is the first by an Indian defence minister since 2006 and comes after a spat between the two nuclear-armed neighbours in May over troop movements in a disputed Himalayan border region.

Delhi alleged Chinese troops intruded nearly 20 kilometres (12 miles) into Indian-claimed territory, triggering a three-week standoff that was resolved after talks between local military leaders, and a withdrawal of troops from both sides.

The Line of Actual Control has never been formally demarcated, although the sides have signed accords to maintain peace in the region that was the site of a brief Indo-Chinese war in 1962.

Antony was also likely to hold negotiations on a Border Defence Cooperation Agreement, a new mechanism suggested by China last year for improving border security, an official said.

His delegation, due to arrive in Beijing on Thursday evening, includes the defence secretary and top military commanders.

The trip comes after Chinese Premier Li Keqiang pledged to build trust with India, declaring that ties between the Asian giants were key to world peace, during a visit to New Delhi in May.

Li made India the first destination on his first foreign visit, since China's leadership change in March, which he said showed the importance that Beijing attached to ties with Delhi.

Last month, India's National Security Advisor Shiv Shankar Menon held negotiations on the boundary issue with his counterparts in Beijing.

Source: 2013 AFP, Agence France-Presse (AFP)

Saab receives order from FMV for Gripen support and maintenance

Defence and security company Saab has received an order from the Swedish Defence Materiel Administration (FMV) for reserve materiel regarding Gripen for the years 2014–2016. The order's total value amounts to approximately MSEK 184.

This order for the three-year period provides options for placing suborders and has been configured within the framework of the previously signed agreement with FMV, Gripen PBL (Performance Based Logistics), which encompasses performance-based support and maintenance for Gripen.

“That FMV has ordered performance-based support and maintenance this far in advance gives both Saab and FMV the capability to assure effective operations until 2017,” says Stefan Rösliden, responsible for order configuration at Saab.

The order applies to expanded supply of reserve materiel for maintenance conducted by units of the Swedish Armed Forces.

The original contract with FMV includes options for additional suborders up to a maximum value of SEK 2 billion for the period ending in December 2016. With this order, a total of MSEK 514 of the available options have been exercised.

Saab serves the global market with world-leading products, services and solutions ranging from military defence to civil security. Saab has operations and employees on all continents and constantly develops, adopts and improves new technology to meet customers' changing needs.

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www.saabgroup.com

Source: Epicos

Toshiba Develops Automatic Suspension & Shutdown System of the Semiconductor Equipment That Reduces Earthquake Damage

Toshiba Corporation and Nippon Denno Co., Ltd. today (10 July) announced development of an automatic suspension & shutdown system that shuts down semiconductor production equipment in the event of an earthquake. The system has been in operation in Iwate Toshiba Electronics, a Toshiba subsidiary, since February 2013. Toshiba intends to improve the system more and bring it to market.

This system detects the primary wave of earthquakes and on doing so shuts down production equipment within ten seconds before the principal shockwave hits. The system utilizes Toshiba's knowledge of semiconductor fabrication and production equipment and Nippon Denno's automatic operating control technology.

This system can control suspension and shutdown, of up to 20 different items of equipment safely and simultaneously. It reduces the risk of damage resulting from earthquakes and cuts the time and cost required for restoration. For example, the time for restoring lithography equipment can be halved by using the system.

Toshiba will market the system for semiconductor fabs and other industrial facilities, and will continue efforts to improve disaster-resistant operation of fabs, based on know-how gained in responding to the Great East Japan Earthquake.

About Toshiba

Toshiba is a world-leading diversified manufacturer, solutions provider and marketer of advanced electronic and electrical products and systems. Toshiba Group brings innovation and imagination to a wide range of businesses: digital products, including LCD TVs, notebook

PCs, retail solutions and MFPs; electronic devices, including semiconductors, storage products and materials; industrial and social infrastructure systems, including power generation systems, smart community solutions, medical systems and escalators & elevators; and home appliances.

Toshiba was founded in 1875, and today operates a global network of more than 550 consolidated companies, with 202,000 employees worldwide and annual sales surpassing 6.1 trillion yen (US\$74 billion). Visit Toshiba's web site at www.toshiba.co.jp/index.htm

Source: Business Wire

British Airways takes Britain's first Airbus superjumbo

British Airways (BA) on Thursday became the first British airline to take delivery of an Airbus A380 superjumbo plane, and became the first airline in Europe to operate both the A380 and Boeing's 787 Dreamliner.

"We are delighted to welcome the first of our A380s to the fleet, joining our new 787s," British Airways chief executive Keith Williams said in a statement.

"These aircraft are the start of a new era for British Airways. Over the next 15 months, we will take delivery of new aircraft at the rate of one a fortnight as we put ourselves at the forefront of modern aviation."

BA's first double-decker A380 made by European plane maker Airbus was delivered to London's Heathrow airport.

Source: 2013 AFP, Agence France-Presse (AFP)