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AIRPORT DEVELOPMENT

(South-East Asia)

[publisher's note on page 12](#)

BANGLADESH

Denmark and Bangladesh recently signed a two-year agreement to improve Dhaka's 'Zia international Airport. The airport improvement project worth USD 65 million will cover airport upgrades, including the reconstruction and replacement of taxiways, drainage, radar, navigation and communications systems, as well as an extension of the operations building. Completion is scheduled for 2010. The project will contribute to the economic growth in the country by improving infrastructure and airborne traffic and ensure that international standards for flight safety are fulfilled. It is being financed by mixed interest-free credits from Denmark and will be implemented by the Civil Aviation Authority of Bangladesh (CAAB). Grants will also be provided for process monitoring and supervision during implementation of the project. – The project is part of the Bangladesh – Denmark Partnership under which a development strategy co-operation has been agreed on for the 2005 – 2009 period. #860.1

MYANMAR

The country's military government is constructing an international airport in the new administrative capital, Naypyidaw, in the southern Mandalay division. Work began on the Nay Pyi Taw International project in January 2009 by the privately-owned company Asia World Co., which also constructed Yangon International Airport. The new airport in the remote city will be built in three stages. Officials said that after the first phase is completed the airport will be able to cope with 3.5 million passengers a year; after the third phase this will rise to 10.5 million passengers. The project will take an estimated 30 months to complete, said Singapore-based CPG Consultants Pte Ltd, which drew up the blueprints. Nay Lin, Project Director of Asia World, said: "The design of Nay Pyi Taw International Airport is modern and passengers can enter the airport easily and comfortably. The airport will be equipped with all necessary modern equipment and facilities that an international airport should have." -- The Burmese junta envisages that after completion of the project, the Nay Pyi Taw airport will be bigger than other international airports in Burma – Yangon-Mingaladon and Mandalay-Tada Oo. #860.2

THAILAND

The long-awaited expansion of Bangkok's Suvarnabhumi Airport has been set in motion now that Airports of Thailand Plc (AOT) has agreed to proceed with the THB 78 billion project. About THB 33 billion of the estimated project cost would come from loans from the Japan Bank for International Co-operation (JBIC), which was a major lender for the phase-one project that cost THB 155



10 July 2009
No. 860
DEV

billion. The majority state-owned and SET-listed airport operator's Board endorsed the Phase 2 development and will soon seek final consent from the Transport Ministry and the Cabinet. The expansion, which was supposed to have begun shortly after the airport opened in September 2006, would increase the passenger handling capacity of Thailand's gateway airport by 33%, to 60 million in the next six years from 45 million currently.

According to Kulya Pakakrong, AoT's Senior Executive Vice-President, the expansion would deal with the crowding problem at the airport which is now operating close to its capacity. The expansion involves building a midfield terminal and a third runway. The industry has warned that Suvarnabhumi was losing out to rival airports in South-east Asia, namely Singapore-Changi Airport and Kuala Lumpur International Airport (KLIA), as the region's preferred air hubs due to its restricted capacity and high service fees. "Suvarnabhumi's traffic is on course with projections for 6.5% annual growth in the near term, 5.5% in the medium term, and 4% long-term," said Mrs Kulya. But according to AoT figures, passenger traffic through Suvarnabhumi grew just 1.94% year-on-year in the first half of 2009 to 21.21 million. AoT aims to call a tender for the airport expansion work and hopes to be able to start construction by the end of 2009. Mrs Kulya said AoT had already contracted a consulting company to conduct an environmental impact study for the expansion project. It will hold public hearings to explain plans to mitigate noise pollution resulting from the increased air traffic. – AoT has acquired land in the north-eastern corner of the airport premises to set up an international-standard Airport Business Centre between 2009 and 2025. #860.3

* Commissioning of the Suvarnabhumi Airport Express was planned for 12 August 2009 (Mother's Day). The 28-km high-speed rail line will link Bangkok Airport with the city centre (Makkasan Station/City Air Terminal) in just 15 minutes. However, the first trial run of the new link has been postponed another three-and-a-half months, Transport Deputy Permanent Secretary Thawalrat Ornsira told the Cabinet on 3 June 2009. The contractors had advised they would not be able to complete the work by that date. So the first run has been rescheduled for 5 December 2009 (or Father's Day, His Majesty the King's birthday). #860.4

AoT has presented a development plan for Phuket International Airport for the 2009 – 2013 period at a cost of THB 5.4 billion. The objective is to upgrade the airport to handle 12.5 million passengers annually and ensure safe air operations until 2018. Following the THB 516 million expansion of the international terminal completed in 2007 (#835.33), the airport can now handle up to 6.5 million passengers per year. The THB 5.4 billion funding will cover the development plan for fiscal years 2009-2011, according to Deputy Transport Minister K. Songsak. Beyond that, AoT will need to provide more funding in order for the airport to be able to welcome 15 million visitors by 2020.

The 2009-2011 budget will cover construction of more taxiways and eleven parking bays for aircraft, a new international passenger terminal, conversion of the existing international terminal into a domestic terminal, a new cargo building, new roads and improved transport systems, a parking garage for the international terminal, improvements in car parking areas, as well as a new airport office and airline offices. However, the two-year plan does not address the airport's main limiting factor: that its single 3000-m runway can only accommodate 20 flights per hour and is too short to allow for safe take-off of fully-laden widebody jets. #860.5

Dr Prasert Prasarttong-Osoth, the founder and Chief Executive of Bangkok Airways, is offering to resuscitate 26 ailing state-run provincial airports in a move many experts see as a gamble. Of the 26 regional domestic airports, 17 were converted from military airports at the request of



10 July 2009
No. 860
DEV

Thai Airways International. Most of the airports are now derelict and have been ignored by airlines due to a lack of passenger traffic. All but four provincial airports supervised by the Aviation Department are running at a loss. The four airports which remain profitable are Krabi, Udon Thani, Ubon Ratchathani and Khon Kaen.

Dr Prasert, who developed the country's only civil airports, made known his interest to reactivate the airports, now owned and operated by the Department of Civil Aviation (DCA), in a package deal. He said Bangkok Airways had developed business strategies that would turn these airports around with local entities, such as chambers of commerce, participating as joint venture partners. "We have made different business development concepts that suit each individual airport that brings economic growth to each locality," he explained without elaborating. The proposition is high-risk and would take a long time to pay back, but Dr Prasert said he was prepared to invest for the long run. Except for its cash cow Samui Airport, Bangkok Airways' two other airports, in Sukhothai and Trat, are losing money because they are underutilized. Trat Airport, which Bangkok Airways put on stream about four years ago, has been losing about 30 million baht a year, while Sukhothai has been in the red since its inception 12 years ago. Bangkok Airways is also prepared to operate Don Mueang as Bangkok's alternate airport to handle excessive passenger traffic from the main Suvarnabhumi Airport at a time when additional capacity is needed.

In an interview with the Bangkok Post in April 2009, he said Bangkok Airways was prepared to commit itself to two tough conditions, which he believed no others would be able to match. First, Bangkok Airways would assume all the costs, in the magnitude of billions of baht, to renovate the airports, and restore them to good working order.

Secondly, Bangkok Airways would ensure there would be commercial flights operating through all these airports within two years after assuming management. He acknowledged that not all of the airports would attract air traffic or be run commercially.

At one stage, Airports of Thailand Plc, the state-controlled airport entity that runs the country's six key airports including Suvarnabhumi, was interested in managing a couple of airports under the DCA's control. Many of these airports were pushed into existence by local politicians who saw them as a catalyst to spur the economy and attract tourism to their constituencies. Most have been left unused because carriers were not able to attract passengers. Governments have footed the bills for maintenance of the often unused airports. By allowing the private sector to assume the operations, the Government would not need to spend on maintenance. #860.6

Since the beginning of 2009, a number of incidents has continually affected air transport and tourism in Thailand. In order to mitigate the effects of the economic downturn on airline and business operators at the six airports under the supervision of the Airports of Thailand Public Company Ltd, the AoT has decided to reduce the landing fee rate for scheduled flights from 20% to 30%. This measure became effective as from 1 May 2009 to 31 December 2009. AoT also extended the period of waived parking fees for parking not exceeding 24 hours to schedule flights from 30 September 2009 to 31 December 2009. #860.7

The Board of Airport of Thailand Public Company Ltd (AOT) elected Mr Serirat Prasutanond, General Manager of Suvarnabhumi Airport and acting President, to be AOT's President, effective from 1 July 2009 at its latest meeting on 25 June 2009 #860.8



10 July 2009
No. 860
DEV

MALAYSIA

On 17 June 2009, a Malaysia Airlines (MAS) Boeing 747 with a full load of passengers made a historic landing at Kuching International Airport (KIA) on the newly completed extended runway. The extension from 2454 m previously to 3780 m now has also made it the longest in Borneo and the fourth-longest in South East Asia after the KL International Airport, Singapore-Changi, and Bangkok's Suvarnabhumi Airport. It can now take the Airbus 380. The runway fully complies with ICAO requirements, including visual aids such as glidepath, localizer, Precision Approach Light (PAL), runway and taxiway lighting and signs. The runway extension is the final stage of the redevelopment of KIA valued at nearly MYR 800 million. The terminal building's upgrading and extension was completed earlier. Global Upline Sdn Bhd was the turnkey contractor and it took four years to complete. -- Completion of the extended runway is of great significance to the economic development of Sarawak, particularly since it allows the unhindered operations of B.747-500s or even the Airbus 380. Bigger cargo loads can be carried to provide greater efficiency for the operations of industries around Kuching. #860.9

Construction company WCT Bhd is keen to take part in the new Low-Cost Carrier Terminal (LCCT) project at KL International, Deputy Managing Director Goh Chin Liong said. He said the pre-qualification for the project to be built by Malaysia Airports Holdings Bhd (MAHB) has been advertised in the newspapers. Earlier in 2009, MAHB said that work on the MYR 2 billion terminal was expected to start by the middle of this year and was to be completed by the third quarter of 2011. #860.10

Subang Skypark Sdn Bhd has completed the internal refurbishment works to the Skypark Subang Terminal at the former Kuala Lumpur Airport, marking the completion of the improvements that is set to put the glow back into this once-jewel of the Malaysian aviation scene. In a statement, its Executive Director, Datuk Ravindran Menon, said the refurbishment and improvement to the terminal, formerly known as Terminal 3 Subang, encompassed interior and exterior works, cost MYR 40 million. "The completion of the first phase marks an important milestone in the project," he said. The second phase on the exterior was scheduled for completion by the end of the second 2009 quarter, creating about 70 000 ft² of retail space. "The tenants include Malayan Banking Bhd, CIMB Bhd, Pos Malaysia Bhd, Nationwide Express as well as specialty retail and food & beverage outlets such as Langkawi Duty Free, D'Zon, Starbucks, Butlers, 1901 and Big Apple Donut," he said. -- Malaysia Airlines and Air Asia also have sales and ticketing offices at Skypark Subang Terminal. #860.11

Plans are under way to build a new international airport in Ipoh. Government officials say this is necessary so that large aircraft, low-cost carriers and freighters can land in the capital of Perak, some 200 km north of Kuala Lumpur. Government Minister Datuk Seri Ong Ka Chuan says a 1200-hectare plot has been identified for the airport, but he will not reveal the location. "I will propose the idea to the Prime Minister very soon after first discussing it with other officials," he says. Chuan adds that his idea is for an airport that can accommodate all classes of aircraft and, eventually, transport cargo. He has ruled out expanding the current runway at the under-used 'Sultan Azlan Shah Airport' in Ipoh, saying it is not viable because that airport is surrounded by hills and situated in the middle of the city. #860.12

In a commission from Malaysia Airports Holdings Bhd (MAHB), the Dutch consultancy firm NACO is studying the expected development of Malaysia's airport capacity over the next 50 years. The master plans will guide future airport development and provide guidelines for environmental policies. The development of low-cost carrier traffic is a special area of focus in the study. NACO is working in a joint



10 July 2009
No. 860
DEV

venture with local partner KLIACS. Innvoa will contribute in the preparation of traffic forecasts and financial and economic studies. #860.13

Malaysia Airports Holdings Bhd (MAHB) has won the Eagle Award in the 'Best Airport' category from IATA. Commenting on the achievement, MAHB Managing Director, Tan Sri Bashir Ahmad Abdul Majid, said the award was a recognition of the efforts by the Government, MAHB, and Malaysia Airlines to ensure a successful aviation industry in Malaysia. "This recognition is for providing outstanding performance in customer satisfaction, cost efficiency and continuous improvement," he told a media briefing at the recent 65th IATA Annual General Meeting. #860.14

Kuala Lumpur International Airport (KLIA) and Penang International Airport were the winners in two categories at the 2009 Asian Freight and Supply Chain Awards (AFSCAs). At the 23rd edition of AFSCAs held in Hong Kong recently, KLIA was named 'Best Green Airport' while Penang International was named 'Best Emerging Airport'. The event was organized by the transport and logistics newspaper Cargonews Asia, published by Marshall Cavendish Business Information. "While KLIA added another award into its long list of accolades, Penang International Airport's success reflects that it has good prospects to compete in the region," MAHB Managing Director Datuk Seri Bashir Ahmad said in a statement. -- KLIA recorded 27.5 million passenger movements for 2008, up 4.1% from 2007, while Penang International Airport registered a 7.3% growth in 2008, with 3.4 million passenger movements. For KLIA, this was the second award after receiving the 'Brand Laureate 2008-2009 for Corporate Branding - Best Brands in Transportation (Airports)'. This was also Penang International's second achievement after winning the 'Airport of the Year Award' (below 15 million passenger annually) in the 2009 Frost & Sullivan Asia Pacific Aerospace & Defence Awards. #860.15

The State Government has urged the Transport Ministry to hasten approval to upgrade Penang International Airport (PIA) in Bayan Lepas. Chief Minister Lim Guan Eng said that work on upgrading PIA should begin as a MYR 250 million allocation had been announced by Finance Minister Datuk Seri Najib Tun Razak. The MYR 250 million is an off-budget allocation approved by the Ministry to MAHB and included in the MYR 1.7 billion estimated for a major upgrade of the airport. #860.16

SINGAPORE

Despite the global economic slowdown in the second half of 2008, Singapore-Changi handled 2.7% more passengers in 2008, with 37.7 million travelers passing through the airport. Among the top 15 markets by passenger traffic, both regional and long-haul sectors registered growth. In the region, the sectors of Indonesia, Malaysia, the Philippines and Vietnam, grew 6.5%, 9.4%, 11.9%, and 19.4%, respectively, while the long-haul sectors of Australia, Germany, and the United Kingdom grew 5.6%, 5%, and 7%, respectively. Declines of 10.9% and 5.2% were registered in passenger traffic from Thailand and China. However, the financial tsunami left its mark in the last four months of 2008. Passenger traffic declined in September, November and December due to negative sentiment and decreased travel demand. The impact of the economic crisis was more pronounced on the cargo front, where, compared with 2007, airfreight movements dipped 2% to register 1.86 million tonnes in 2008. In 2008, Changi Airport continued to win awards including the 'Best Airport in the World' award by Business Traveller (UK), which Changi has won 21 consecutive times, the 'Best Airport Worldwide' and 'Best Airport in Asia' awards from Business Traveller Germany, the 'Best International Airport' award by Conde Nast Traveler and the 'World's Leading Ecofriendly Airport' award by World Travel Awards.



10 July 2009
No. 860
DEV

The total of 29 awards in 2008 takes the total number of awards Changi has won to more than 300. CAAS' Director-General & Chief Executive Officer, Lim Kim Choon, said: "2008 has been a busy year for CAAS and Changi Airport, with highlights such as the opening of Terminal 3 and the inaugural Singapore Airshow. Upgrading works at Terminal 1 and the Budget Terminal also commenced. Besides registering higher passenger traffic, in terms of air connectivity, the Changi family also grew, with six new airlines coming on board and nine new city links." Mr Lim added: "Despite the difficult economic climate, Changi Airport has performed commendably in 2008. We acknowledge that 2009 will be a challenging year and recognize the tough operating environment that airlines and airport partners are operating in. CAAS is committed to help its partners at Changi ride out the downturn, through means such as the extension of the Air Hub Development Fund." -- As at 1 May 2009, Changi Airport was served by 84 scheduled airlines, connecting Singapore to 193 cities in 60 countries via more than 4570 weekly scheduled flights. #860.17

BRUNEI

The creation of the BIMP-EAGA, a regional co-operation strategy forged between Brunei, Indonesia, Malaysia, and the Philippines, places the Brunei International Airport at the centre of activities predicted to open new economic opportunities for Brunei. The 40-million collective population of the BIMP-EAGA alone provides Brunei with a bigger and more accessible market within the region. As a support service organization, Brunei International Airport is expected to play a major role in providing air transport links between members of the sub-region and as a conduit to the global community and the world market. The DCA's main focus is to provide safe and efficient services to aviation community. The services range from infrastructure to customers comfort. Apart from the normal aviation-related services, the DCA has broadened the scope by combining effort with other Government agencies and inviting private sectors to utilize space at the airport as part of a business centre in a move to make Brunei International Airport as a leading regional air hub. Three strategic concepts - Airport City, Cargo Village and Airline Hub – have been adopted to accomplish this task. 'Airport City' offers complete convenience facilities, such as hotel, shops, restaurants, banking services, communication facilities, postal services, even health and beauty centres. The concept provides retailers, consumers, and passengers a convenient locale for business and leisure. 'Cargo Village' offers a fully equipped centre with up-to-date facilities, infrastructure and adequate support services makes cargo handling an efficient and safe process. For Brunei International Airport to attain success as a Cargo Village, cargo support services will be improved. In this respect, the Department of Civil Aviation shall put heavier investments into infrastructure, such as cargo carriers, cargo feeders, trucking, warehousing and storage facilities. To achieve the 'Airline Hub' objective, the Department of Civil Aviation is constantly and aggressively upgrading the aircraft maintenance centre to meet the highest international standards. A refuelling centre will continue to provide excellent services with attractive fuel prices. The aircraft /crew facilities will meet the highest international standards. Safety and security will be maintained to the highest level with continuous improvements. Brunei Darussalam will continue adopting the policy of open skies. As a new initiative Brunei International Airport is now encouraging the private sector to become more involved in its development into the leading Regional Air Hub. #860.18

INDONESIA

On 2 June 2009, Transportation Minister Jusman Syafei Jamal inaugurated the operation of new flight control facilities in five airports in East Indonesia. The new facilities, which are centred at 'Sultan Hasanuddin Airport' in Makassar, cost the Government IDR 150 billion (USD 14.56 million). The



10 July 2009
No. 860
DEV

navigation system comprises new radars for 'Sultan Hasanuddin Airport', Juanda Airport in Surabaya, Sepinggan Airport in Balikpapan, and 'Syamsuddin Noor' in Banjarmasin, an air traffic control system in Ngurah Rai Airport in Denpasar/Bali and Juanda Airport, and an air traffic service center (MATSC) at Sultan Hasanuddin Airport. The President Director of airport operator PT Angkasa Pura I, Bambang Darwoto, said the new facilities would help the company improve ATC services and flight safety in the country. The radars consist of primary surveillance radar with an area of coverage reaching between 90 and 180 nautical miles and secondary surveillance radar which can cover an area located 120 and 200 nautical miles away. #860.19

On 28 April 2009, President Susilo Bambang Yudhoyono inaugurated Terminal 3 of Jakarta's Soekarno Hatta International Airport, Cengkareng. When Terminal 3's development stages are completed, the airport will be able to accommodate 38 million passengers annually. Construction of T3 began in 2006 had cost IDR 285 billion. The terminal, which actually started operating on 15 April 2009, has a capacity of accommodating 20 million passengers annually. Terminal I has a capacity of accommodating 16 million passengers annually and Terminal 2 nine million passengers annually. Soekarno Hatta Airport now has one sub terminal which can accommodate 4 million passengers annually and four other sub terminals are to be built in the near future. -- The newly inaugurated terminal was previously used for Haj pilgrim flights to Saudi Arabia and for Indonesian migrant workers (848.40). It is now expected to serve passengers from 97 routes of arrival and departure. Mandala Air and Air Asia were among the first to move their passenger handling operations from Terminal 1 to Terminal 3. #860.20

The newly passed aviation bill, though ensuring greater customer protection and involvement of private investors in airport businesses, has yet to fully meet expectations of an overhaul in safety supervision.

The House of Representatives had endorsed an amendment to the 1992 law on aviation that would introduce stricter safety requirements on airlines, especially newcomers, in response to demands from the EU. The Government and legislators have rushed the deliberations over the last six months of 2008 to encourage the EU to lift its ban on Indonesian airliners in European airspace, implemented in 2007. The ban came into effect after a string of aviation accidents in Indonesia, the deadliest being the crash of an Adam Air jet in early 2007 that killed all 102 people on board.

The new law entails more elaborate safety and flight-worthy standards than the previous one, which contained loose articles and numerous loopholes. However, the law falls short of improving the quality and independence of air safety watchdog, the Air Safety Certification Directorate (DSKU), which is still under the auspices of the Transportation Ministry, albeit with its own funding authority. The EU has repeatedly requested the Government make the country's air safety watchdog independent in exchange for lifting the flight ban. The request has been driven by the apparent lack of integrity and capacity among the agency's officials. As an independent body, the DSKU would be expected to get a more flexible budget and higher remuneration packages for its inspectors, thus cutting down the risk of collusion and conflicts of interest. -- The DSKU currently employs 120 technicians and inspectors to monitor 2000 aircraft. They are paid between IDR 1.5 million (USD 132) and IDR 5 million per month. #860.21

Other regions

TURKEY

Ankara-Esenboga Airport, operated by TAV Airports Holding under a public-private partnership, was elected as the 'Best Airport in the capacity category of 5 - 10 million



10 July 2009
No. 860
DEV

passengers in the competition organized by Airports Council International (ACI) Europe in four passenger capacity categories. Being the only airport in Turkey to combine domestic and international terminals under a single roof, Ankara Airport was evaluated by the criteria environmental awareness, quality, security, commercial areas, operational flow, and ability. Esenboga Airport features the latest technology in baggage systems which enable the passengers to have their luggage in three minutes. With its large scale of services, the airport provides both a comfortable and peaceful travel and a reliable ease-of-use. The original architectural design of the terminal offers passengers easy access within the terminal and a large and capacious perspective to view the whole space from each point of the terminal.

In the award ceremony held in Manchester, TAV Airports Holding Chief Executive Officer M. Sani ener and DHM General Manager Orhan Birdal received the reward. TAV Airports Holding CEO M. Sani ener commented: "We are very glad that Esenboga Airport that we have put into service three years ago in Ankara, the capital city of a candidate country for European Union, is elected as the 'Best Airport' of Europe in respect of the high level of achievement by Turkish civil aviation. We would like to express our thanks firstly to the Ministry of Transportation, DHMI (General Directorate of State Airports Authority), and Civil Aviation General Directorate who have conceived airport operations as an alliance of values and services."

In the other categories of the competition organized by ACI Europe, Bologna Airport (Italy) was elected as the 'Best Airport in the category of up to 5 million passengers', Palma de Mallorca Airport (Spain) was elected as the 'Best Airport in the 10 - 25 million passengers category', and Amsterdam Airport (The Netherlands) was elected as the 'Best Airport in the passenger capacity above 25 million passengers category.'" #860.22

UKRAINE

An investment tender for a new passenger terminal at Lviv Airport may be called shortly, said Lviv Governor Mykola Kmit. "The critical moment in preparation for the Euro 2012 European Football Championship finals is the announcement of a tender for the construction of the terminal, as it has been postponed twice." The final date when the terminal construction must begin is 30 July 2009. Mr Kmit also stated that the issue of the new terminal preparation took too much time, that is why it will not be possible to hold a full-scale tender of construction investor selection. Thus, a single performer will be appointed. The terminal will be a low-cost building consisting of light elements, with a small office structure at the second floor for the services of security, passport control and check-in. The terminal's capacity will be about 295 passengers an hour, Deputy Prime Minister Ivan Vasyunyk said during a visit of the airport together with UEFA's official delegation earlier in 2009. #860.23

SPAIN

Barcelona's new Terminal 1, designed by Catalonia's star architect Ricardo Bofill and built in five-and-a-half years at a cost of EUR 3.1 billion, opened to traffic on 17 June 2009. AENA described the terminal as "one of the greatest civil engineering projects ever undertaken in Europe" and said it combines advanced technologies with respect for the environment and a high quality of service. The aluminium roofs cover an area 2.5 times the size of the Camp Nou football stadium (itself the largest stadium in Europe with a capacity of 98 772 seats), home to the city's Barcelona Football Club, which recently won the European Champions League. It is the new home of 19 Star Alliance airlines, while all other airlines now operate from Terminal 2 (the former Terminals A, B, and C). Terminal 1, which raises the airport's annual handling capacity by 30 million to 55 million passengers a year, has been



10 July 2009
No. 860
DEV

equipped with 166 check-in desks, 256 information screens, eight information desks, 14 passenger service points, 28 security checkpoints, 52 immigration counters, 101 boarding gates, 43 boarding bridges (can be extended to 50), and 15 baggage reclaim carousels. The 544 066-m² terminal has 155 200 m² of public spaces, 23 866 m² of retail area, 6066 m² of VIP lounges, and 20 000 m² of baggage reclaim halls. The 600 000 m² apron can accommodate 74 aircraft. The maximum capacity of the airfield is 90 aircraft movements per hour. #860.24

3 June 2009 marked the official start of the first test flights at the new Lleida-Alguaire Airport. The tests serve the purpose of verification to ensure that the navigational systems are working properly. First touch down was performed by a U.K.-registered aircraft contracted by AENA. Once the calibration of the navigational systems at the airport is completed, a tender for managing the infrastructure will be called. The airport has a terminal with an area of 4000 m² and the capacity to deal with 400 000 passengers annually, plus 3500 tonnes of cargo. – The city of Lleida (Lérida in Spanish) is located between Barcelona and the Pyrenees. #860.25

NORWAY

“Stavanger Airport, Sola, is to build a new power plant that will supply the airport with climate neutral heating. This is a milestone for Avinor and the airport,” says Airport Manager Leif Lorentzen. The new power plant at Stavanger-Sola entails increased bio energy production of about 4 GWh. The airport thus reduces its annual CO₂ emissions by 2000 tonnes, which corresponds to the emissions of 650 vehicles driving 12 000 km per year. The plant will start operation as soon as the coming winter. In addition, a heating network will be built that can supply 55 000 m² of Avinor’s buildings with environmentally-friendly, climate-neutral energy. The aircraft hangar, the helicopter hangar, and the new hotel, which is under construction, will be supplied from the new power plant.

Environmentally-friendly solutions have been an important precondition for Avinor in the project. “The environmental weighting was a huge 35% in the assessment of which suppliers and type of energy source we would use at the power plant. The wood chippings we chose for heating the airport will for example be supplied by local forest areas in Rogaland,” says Morten Wathne, Planning & Construction Manager at Stavanger Airport, which has developed in leaps and bounds in recent years. The strong growth in traffic has led to large investments with upgrades of runway systems and upgrading and extending the terminal. In this phase the airport has focused strongly on the environment in its study and decision processes. The objective is more environmentally-friendly solutions both in terms of aircraft operations and in the day-to-day operations of the airport. -- Actus Rådgivning AS has been responsible for project management and consultancy firm Sweco has planned the plant on behalf of Stavanger Airport. Avinor has entered into an agreement with Norsk Bioenergi AS for the construction and operation of the power plant. #860.26

GERMANY

After just over 1000 days of construction work, Berlin Airports is soon to achieve yet another milestone on the way to completing the BBI: on 24 July 2009, the company is set to officially hand over the first preliminary construction section of the underground rail link to Deutsche Bahn (DB). Then DB will work on the interior of the railway station, installing tracks, platforms and signalling equipment. Berlin Airports is building the BBI railway system on the airport grounds on behalf of DB. A contract was drawn up between the company, the government, the states of Berlin and

Brandenburg and Deutsche Bahn to this effect and signed at the ground-breaking ceremony for BBI on 5 September 2006. Berlin Airports has completed 1.3 km of the 3.2 km of railway station/tunnel. Klaus Wowereit, Governing Mayor of Berlin and Chairman of the Supervisory Board of Berlin Airports, said during a recent site visit: "Fast access to the new airport by road and rail is key for us. The motorway to BBI Airport has already been completed, and the railway station will also be up and running on time for the opening of the airport. By locating the railway station directly below the terminal, we are able to provide the best and shortest train-to-plane link." Prof. Dr Rainer Schwarz, CEO of Berlin Airports, added: "The underground railway station plays a major role in the construction of BBI: it forms the foundation for the centrepiece of BBI, the terminal. Following a good 1000 days of construction work on BBI, one thing is clear: BBI is increasingly taking shape. What was once Potsdamer Platz and then the main railway station has now become BBI: where the future of the German capital region is being built." #860.27

The new P7 multi-storey parking garage in the Düsseldorf Airport Terminal zone has been put into service, offering some 3000 parking spaces on nine levels. The EUR 25 million P7 is the twin building of the EUR 26.7 million Car Rental Center opened in May 2009 and both are connected directly with the terminal by means of a joint footbridge. Since parking spaces have become vacant in the terminal parking zone due to the move of the rental cars into the new Center, the airport has increased the offer of parking spaces for passengers within the bounds of both projects by around 3500 new spaces. "With P7 and the new Car Rental Center, we have once more extended the range of services for our passengers significantly at Germany's third-largest airport," said Christoph Blume, CEO of Düsseldorf Airport during the formal opening of the new facilities. "Exactly on time for the summer holidays of North Rhine-Westphalia, we are now able to provide a total of some 20 000 parking spaces for our passengers." -- The construction costs of P7 and the Car Rental Center reach a total of about EUR 52 million. Both projects are a part of an investment plan of EUR 200 million put up by the airport company for the extension of the infrastructure and for an extended offer for passengers in the non-aviation area. P7 is run by APCOA Autoparking GmbH. It has, for example, a level control system that indicates the vacant spaces per level. On the higher levels, each parking space is registered separately, thus the car driver gets a reliable and quick overview of the vacant parking spaces on each level. And in order that every passenger can be sure to find a parking space, it can be reserved via Internet or the Parking Hotline until the eve of the journey. #860.28

U.A.E.

Abu Dhabi Airports Company (ADAC) announced that the construction of the Investor Services Centre at the Abu Dhabi Airport Logistics Park has been completed, and that the centre is expected to be launched in the immediate future. The Investor Services Centre will act as a one-stop-shop solution for international investors wishing to establish their operations in the new business environment, adjacent to Abu Dhabi International Airport. It will allow foreign-owned businesses a smooth entrance to the U.A.E. market by streamlining the processes and drastically increase the speed of setting up operations in any of the emirates. This innovative approach will avoid the need for investors to visit a range of different Government entities for their documentation and paperwork, and will provide an easy and convenient set-up process. The centre will enable a unified interface for all business services, including assistance with business registration, sponsorship, licensing and leasing. ADAC has worked closely with all Government bodies to ensure this smooth and fast process for the establishment of new businesses. Government entities such as the Department of Economic Development, Abu Dhabi Chamber of Commerce, Ministry of Labour, Immigration Department and Abu

Dhabi Customs, have all collaborated with ADAC to ensure the centre accommodates all of the necessary services at one central point, in close proximity to the park. The Investor Services Centre is located on site within the Abu Dhabi Airport Logistics Park near the Al Ghazal Golf Club. It will feature a scale model of the park showing the many facilities and world class amenities, and other projects under development in the vicinity of the airport. #860.29

U.S.A.

Officials at 'Louis Armstrong International Airport', New Orleans, have announced a four-year plan to renovate and transform the airport. Some of those changes are happening now, and when the Super Bowl arrives in New Orleans in 2013, visitors will be greeted by a totally updated terminal building. "We truly believe that it's time to start moving out of these old facilities," said Director of Aviation Sean Hunter. "We made our repairs for hurricane Katrina, but now it's time to make improvements." Over the next four years, the airport has more than a dozen major projects planned for inside and outside the facility. That includes new terminal areas, additional parking, an on-site hotel, and a new concourse. There will be a total change of the currently grey exterior, which will be largely replaced with glass all the way down to allow natural light to come into the building. The old concourses A and B will be shut down, since officials say they are too small to handle large aircraft. Concourse D will get additional gates and there will be a new Concourse E. Travellers will no longer have to leave the building to rent or return a car as a new on-site consolidated rental car facility will be built. The improvements will cost about USD 350 million and will be paid for with grants and airport funds, as well as a passenger facilities charge that is already being levied. Airport officials say that there will be no new charges to pay for the upgrades. The most expensive project on the list is a USD 114 million rental-car facility with 1800 parking spaces that should be finished by 2012. The airport also plans to widen concourses to allow for the wider aircraft airlines are beginning to introduce. One concourse will be expanded by six gates, with new food and retail stores and restrooms, at a cost of USD 40.5 million. A west terminal expansion with five gates, ticket counters, security screening and baggage facilities will cost USD 34 million, mostly paid for by passenger fees. #860.30

John Wayne Airport in California's Orange County will get USD 250 million to help pay for airport improvements. Orange County supervisors unanimously approved issuing bonds to finance the latest stage of expansion efforts. The money is part of the USD 460 million needed for construction of a new 28 000-m² terminal with six new gates scheduled for completion in 2011 and a 2000-car parking structure that will be completed by 2010. Two existing terminals are expected to be renovated by mid-2015. Passenger volumes at John Wayne have been increasing since 2003 when the airport and city of Newport Beach agreed to raise the cap on the number of flights and travellers passing through the facility. Airport officials say John Wayne has the highest annual ratio of passengers per boarding gate among major US airports. -- Overall costs have been volatile with construction material and labour costs fluctuating wildly, making the cost of the expansion difficult to predict. Estimates started at USD 435 million in summer 2007 and peaked at USD 570 million. Now it hovers at nearly USD 460 million, as construction firms slash rates to find work in the ailing economy. #860.31

Hawaii's first construction project using Federal stimulus money is now under way at Kahului Airport. The USD 23.8 million project to relocate security equipment started on 15 May 2009 and will last until mid-2010. While relatively small, the project provides the first indication of how the State will use an

estimated USD 500 to 950 million in added Federal funds that will be pumped into Hawaii's flagging economy during the next several years. Overall, the American Recovery & Reinvestment Act promises to create or save 15 000 jobs State-wide over a two-year period. Most of the money will pay for highways and bridges, transit systems, clean-water projects, public housing improvements, and affordable housing. Apart from jobs, there are social benefits of the Kahului Airport project, as it streamlines Transportation Security Administration operations, increases security through newer technologies, and also increases lobby space ... which ultimately contributes to a more positive travelling experience. -- Another USD 43 million in Federal funds will go toward explosive detection system integration improvements at Honolulu International Airport. #860.32

AUSTRALIA

The approved Master Plan for Sydney Airport outlines the vision for the operation and continued development of Australia's leading airport to the year 2029 and is based on: * No changes to the curfew; * No changes to flight paths; * No changes to the aircraft movement cap; * No new runways; and * No change to access arrangements for regional airlines. The approved Master Plan 2009 forecasts that passenger numbers will gradually increase by an average of 4.2% each year to reach 78.9 million passengers in 2029.

The CEO of Sydney Airport, Russell Balding, said that the approved Master Plan 2009 demonstrates that Sydney Airport will sustainably manage the forecast growth in airline travel. "Airport facilities including terminals, hangars, aprons, freight facilities, car parking and airport roads will all be progressively upgraded over the next 20 years. Importantly, the forecast noise footprint for Sydney Airport in 2029 has been reduced relative to that forecast for 2024. This is because new aircraft are larger, quieter, cleaner and more fuel efficient, a trend that will continue over the next 20 years," Mr Balding said. -- Work on the Master Plan started in 2007 and has involved contributions from internationally recognized experts in their particular fields of aviation and airport planning. Sydney Airport is one of Australia's most important pieces of transport infrastructure. It makes a substantial economic contribution to Sydney and NSW directly generating more than 75 000 jobs directly and a further 131 000 jobs indirectly. The airport is the national gateway and handles about 45% of Australia's international passengers. #860.33

Publisher's note:

Dear Reader,

you will probably have noticed some changes in the look of this newsletter, as we have worked on a 'refresh' of our business that the Mombergers founded almost 40 years ago. We now have completed the update phase with our new logo and a brand new website. The old website address at www.momberger.com is now a portal page for Momberger Airport Information and Momberger Aviation Catering News. The latter site represents the business that Karin and Manfred Momberger continue to operate, including the popular worldwide Flight Kitchen Directory.

Please visit our new site at www.mombergerairport.info and explore the new, modern and user-friendly features. There is a new user admin tools to manage your subscriber profile and a more modern presentation of the contents. We have additional new features in the planning process and we will update you about the things that we plan to implement soon. If you have not done so already, please join our [Momberger Forum on LinkedIn](#), also shown as a link in the bottom right corner of our new home page.

Thank you for your support and feed-back. M.L.