



E - NEWS

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Contents

- Current Affairs
- Technology
- Business
- Events
- Advertisement

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READER'S RESPONSE

The editorial team invites your views, suggestions, to the
News about Members Column and contributions to the e-news.



The sun is setting over Kiran Mk IIs

Surya Kiran team with its Kiran Mk IIs are expected to be phased out. For the next edition of Aero India, in 2013, the indigenously built trainer jets are expected to be replaced by the British-make Hawk Advanced Jet Trainer. Formed in 1986, the Surya Kiran Aerobatics Team (SKAT) has remained one of the popular air display teams in the country and abroad, putting up scintillating performances before whooping crowds. "The team will remain but there will be a change of aircraft as there is always an evolution process," Wing Commander Prajwal Singh, Commanding Officer of this Bidar-based squadron, told presspersons. Though an official communication in this regard had not come from the Air Force Headquarters, he said, "We're still hopeful that it (Kiran Mk II) will continue". They were yet to start training for formation flying in the Hawk.

Source: *Hindu*

Amid the big boys, a new kid on the block

The six-seater Mahindra Airvan jostled for space with the fighters. The wait for the air traffic to clear was the only glitch that one faced aboard the Mahindra Airvan which took a sortie along the skyline of Bangalore city at the air show. Piloted by Tim Pyrse, an Australian aviator who flew the single engine aircraft, the Airvan took the correspondents of various local and national media to witness the success of the plane that toured the world for two months. The six-minute ride which circled above the Air Force station in Bangalore was truncated on the last day of the air show due to lack of flight hours and massive crowds below that was more interested in the fighter jets putting out a show for them. The Airvan which can be equated to the more rudimentary of the planes in commercial action across the world, can be considered as an ideal model for corporations or the industrial bodies in the country. With over 1,25,000 millionaires in India, Airvans may get customers interested in buying small planes. The only concern that may dog investors into buying the small single-engine planes will be the concern for safety.

Source: *Deccan Herald*

Exhibitors want Aero India to go in for makeover

The organisers may preen proudly that the country's flagship aerospace extravaganza - Aero India 2011, may have gotten bigger and was a great draw in terms of participation. However, exhibitors, who have taken part since its inception, say it's time the biennial event was given a makeover, lest fatigue factor sets in leading to disinterest among aerospace majors. The eighth edition of South Asian region's aviation jamboree has come in for severe flak from the way the show was conducted this time. Right from registrations to exorbitant food prices to mela-like crowding even during business days has come in for strong criticism

from exhibitors. That logistics and traffic jams despite improvements in roads leading to the venue still dog the high-profile showcase spectacle is a matter of concern. While conceding that private-public organisation is best way out, however, exhibitors said majority of things were erratic this time, including security. Another glaring instance of mis-management, they said, was cancellation of B2B meetings with no intimation that it had been done.

Source: *Deccan Herald*

First-timers gripping Gripen ride

There couldn't have been a better beginning for Shashank H R, winner of the Gripen contest. When the Swedish fighter aircraft took wing with Shashank on board, it was his first flight ever. Interestingly, he had not even been on a commercial aeroplane before this in his life. This final-year engineering student from BMS Engineering College got a chance to fly along with chief test pilot, Robin Norlander, after winning a contest conducted by them. I have flown celebrities, politicians and journalists. But this is the first time I am flying a person who has never been in air before. I was nervous for him, thinking he'd be nervous. I didn't want him to have a bad experience. I met him in the morning, briefed him and tried to make him relax, said Robin.

Source: *Times of India*

HAL hands over Cheetah helicopter to Namibian Air Force

Hindustan Aeronautics Limited (HAL) handed over a Cheetah Helicopter to the Namibian Air Force at a function held at the Aero India show. As per the contract, HAL will also supply two Chetak helicopters to Namibia by June this year. Managing Director (Helicopter Complex) and Director (Corporate Planning and Marketing) HAL, P Soundara Rajan handed over the helicopter to Defence Minister of Namibia, Major General (Retd) Charles Namolah. Rajan said HAL was committed to meeting the target of supplying two Chetaks to Namibia. "We are committed to handing over the Chetaks to Namibia and the work in this regard is on in full swing," he said.

Source: *Deccan Herald*

Karnataka all set to become aerospace giant

Even as Bangalore is holding the eighth edition the Aero India 2011, Karnataka is making a headway in becoming an aerospace giant with 28 aerospace companies promising an investment of Rs.10,000 crore in the state. The biggest Indian aerospace project would be of Mahindra Aerospace Pvt Ltd which has received clearance from the state government for their Rs. 284 crore project in Kolar. "Mahindra will be setting up the plant in Kolar, but other than that we have already approved 27 aerospace plants that will be set up in the Aerospace Park near Devanahalli," V P Baligar, Principal Secretary, Industries and Commerce, told *The New Indian Express*. Through the investments, the State is looking at a turnover of `10,000 crore through various projects in the Aerospace Park alone, Baligar explained

Source: *Indian Express*

Political push to marketing MMRCA

The marketing blitzkrieg for various aviation products at the 'Aero-India 2011' had a definite political hue. Leading the pack was the UK Minister for Defence Equipment Support and Technology, Peter Luff, the French ambassador to India, Jerome Bonnafont, and the US ambassador, Timothy J Roemer. While the American ambassador even flew the Super Hornet, an aircraft competing for the Medium Multi-Role Combat Aircraft (MMRCA) deal, the French representative and the British minister were equally forceful in their promotion of the aviation companies. Pushing for the Eurofighter Typhoon, the UK Minister said India would be offered industrial participation in the manufacture of the aircraft if the MMRCA deal was clinched. Any capability upgrades would also be taken care of, he assured. "We understand India's aspirations."

Source: *Deccan Herald*

The king of the deep blue

In its class, the Su-30 MKI has no competition. Those who tried the F-18 and F-16 have failed. Ask the most experienced Su-30 pilots in the country. They'll tell you why. Ashu and Parag Lall, who are flying the Su-30, said: No other aircraft in the world can perform the yaw turn and the tail slide, or do a vertical climb at 80 degrees and prepare for an angle of attack. The yaw turn is a 360-degree turn that the Su-30 can perform mid-air, while climbing or descending in flight. If it is an attack situation, the Su-30 has the capacity to slow down, turn around immediately in any direction and shoot. Most other aircraft will have to do a big circle, Ashu explains. In actual flight, the sight of the 360-degree turn as the Su-30 descends, is a wonder you'll think is humanly impossible. The tail slide too, is as amazing. The aircraft virtually stops midair and then begins to fly reverse at zero or even negative speed. No aircraft in the world flies reverse. Flying reverse puts enormous stress on the engine. But the Su-30 can take it, Lall says.

Source: *Times of India*

This aircraft is armed and deadly

When Boeing's F/A/-18E/F Super Hornet takes to the skies to display its manoeuvrability, it would probably be the only aircraft to have weaponry on board. The twin-engine aircraft is among the six contenders in India's quest to have a Medium Multirole Combat Aircraft, and is here to showcase its abilities during the eighth edition of the Aero India. "We'll be the only ones to carry the weapons on board during the air show," Super Hornet's Chief Test Pilot Ricardo Traven, told presspersons at the Yelahanka Air Base here. Weaponry would be carried to show the capability of the aircraft to land and take off with weapons on board, he added. Super Hornet carries two MK 83 (air to ground missiles), two AIM 120 AMRAAMs (air to air missiles) and two AIM9X missiles on board.

Source: *Hindu*

India's dream lifts off in style

A27-year-old dream is flying today light, quick and peppy, giving hope to an entire country that it is capable of building and flying its own combat aircraft. The Light Combat Aircraft (LCA) is an aircraft in evolution it did everything asked of it in the few minutes it was in the air. It behaved as though it had already arrived, although its lead pilot, Group Captain Sunith Krishna, is clear in his mind that the LCA is destined to arrive. Krishna, the man who chased the first LCA on its first flight on January 4, 2001, is the man flying it in its 11th year, through 1,500 flights. What does it mean to fly an aircraft that was an infant in January 2001, and is now an adult on the cusp of life. There were too many unknowns when we began flying the LCA 11 years ago. The first 200 flights were a challenge you had to learn and relearn. You had to understand it. Today, 1,500 flights and 11 years later, I am convinced the LCA is a pilots aircraft. It is very easy to handle. It does almost everything that a full-fledged aircraft does, he told *The Times of India*.

Source: *Times of India*

Luxury jets lining up

Apart from just military and defence aircraft, the show will also witness a sizable presence from luxury and executive jet makers. Lured by a growing market for such private jets, global leaders Gulfstream and Embraer will be present at the event showcasing their products at Hall E. Embraer will present the largest executive jets display it has ever had at an air show in India. The static display will consist of a Phenom 100, Phenom 300, Lineage 1000, and the latest jet in its suite - the Legacy 650, which was certified in October 2010. A company spokesperson said, "In the executive aviation sector, the company has made significant progress. Key customers in India who operate the Phenom 100 include Aviators India Pvt. Ltd. and Invision Pvt. Ltd. The latter received the first two Phenom 100s in India, which are part of a total order for 18 Phenom 100s and two Phenom 300s."

Source: *Hindu Business Line*

Boeing flying high in India with aggressive plans

The past year has been good to aircraft maker Boeing especially in the Indian market. And that's why it has hiked its India growth projections from USD 100 billion to USD 130 billion dollars over a 20-year timeframe, reports CNBC-TV18 Mr Sunanda Jayaseelan. As far as Boeing is concerned, growth is definitely taking off. And India is a major growth driver, with orders pouring in from both the civil aviation sector, and the defence sector. While the aircraft maker has been plagued by delivery delays, it says it will cover its backlog of 107 aeroplanes totalling over USD 14 billion over the next four years. Boeing is expected to announce the delivery schedule for its first batch of 27 aircraft to Air India during the Aero India show slated for the second week of February.

Source: CNBC-TV18

DRDO plans another K-15 missile launch

The Defence Research and Development Organisation (DRDO) plans another test-firing of the K-15 missile from a pontoon off the coast of Visakhapatnam. Developed under the Sagarika project, the K-15 has been test-fired several times from submerged pontoons off Visakhapatnam. The pontoon, simulating the conditions of a submarine, will be positioned about 10 to 20 metres below the sea surface. A gas-charged booster will erupt into life, driving the two-stage missile to the surface. The missile's first stage will then ignite and it will climb 20 km in the air before cutting a parabolic path and travelling over a range of 700 km. The missile, which is under production, can carry both conventional and nuclear warheads. It will form part of the lethal arsenal of the country's first nuclear-powered submarine, Arihant, which is undergoing sea trials. India is building two more such submarines.

Source: Hindu

Dhruv simulator cockpit arrives

The simulator for the Dhruv helicopter arrived at the Helicopter Academy to Train by Simulation of Flying (HATSOFF), in Bangalore. HATSOFF, the joint venture of Hindustan Aeronautics Limited (HAL) and CAE, announced that the simulator cockpit for the civil/conventional variant of the Dhruv was sent from the CAE facility in Montreal, Canada, where it was designed and manufactured. The Dhruv simulator cockpit will now be installed and integrated with the CAE-built full-mission simulator currently in operation at HATSOFF. The simulator features CAE's revolutionary roll-on/roll-off cockpit design, which enables cockpits representing various helicopter types to be used in the simulator.

Source: Times of India

HAL, GE Aviation ink pact

GE Aviation and India's premium public sector Aerospace Company Hindustan Aeronautics Limited (HAL) have signed 30-year contract that covers license to carry out repairs and overhaul of various avionics, instruments and hydraulic products for the Hawk Mk132 aircraft, an Advanced Jet Trainer operated by the Indian Air Force. This license will provide in-house repair and overhaul capabilities to HAL for GE Aviation products and reduce turn-around-time for the repairs. HAL will build its maintenance, repair and overhaul capabilities at its Bangalore and Korwa facilities in India. The current schedule

calls for the Bangalore facility to be certified for repair and overhaul of hydraulics and instruments and the Korwa facility to be certified for avionics.

Source: Sify

Embraer in Talks With Indian Carriers for Jet Sale

Embraer S.A. is in talks with several airlines in India to sell its regional jets in the country, where it expects economic expansion to continue to drive demand for air travel, said a senior executive at the world's fourth-largest plane maker by sales. The Brazilian company hopes it will be able to sell its 50-seater ERJ 145 jet, as well as the 70 to 122-seater E-Jet family of regional jets, to carriers in India due to a growing need to connect smaller towns and cities in the South Asian country, Mr Alex Glock, managing director at Embraer Asia Pacific, said. Embraer and others such as Bombardier Inc., Boeing Co. and Airbus are hawking jet planes, as well as turboprop aircraft, in the world's second-most-populous country to tap potential growth. Domestic air travel grew 19% in 2010 to 52.02 million passengers, according to government data.

Source: Wall Street Journal

Tata Lockheed unit to make aerostructures

The Tata Group announced three new aerospace component manufacturing facilities in Hyderabad, a development that will consolidate the city's presence in the global aerospace map. The three projects are Tata Lockheed Martin Aero structure, a joint venture between Tata Advanced Systems (TAS) and Lockheed Martin; Tata Aerospace Systems, a joint venture between TAS and Sikorsky; and Nova Integrated System, a Tata enterprise. A subsidiary of Tata Sons, TAS provides integrated solutions for aerospace and Defence sectors, and has a JV with Sikorsky for production of Sikorsky S-92 helicopter cabin at Adibatla near Hyderabad. In November 2010, this project unveiled the first S-92 copter cabin.

Source: Hindu Business Line

Embraer rolls out plane for India's airborne radar

Brazilian aircraft manufacturer Embraer has rolled out the first of the three EMB-145I planes that India has ordered for its indigenous airborne early warning radars. The plane, which India ordered from the company in 2008, rolled out of its manufacturing facility in the presence of India's defence research organisation chief V.K. Saraswat and chief controller of research and development (aerospace and services interaction) Pahlada. "EMB-145I aircraft modified for airborne early warning and control system (AEW&C) rolled out at Embraer in Brazil on Feb 21, 2011," a Defence Research and Development Organisation press release said. The roll-out ceremony was also witnessed by Centre for Airborne Systems (CABS) director S. Christopher and the Indian Air Force's Director General (Operations) Air Marshal Daljit Singh. The AEW&C system is designed to detect and

distinguish hostile aircraft and missiles, and would help enhance IAF's surveillance and strike capability.

Source: *Mangalorean.com*

MiGs to sign off by 2017

Russian-origin MiG-21s were the first truly supersonic fighter jets to be inducted into IAF in 1963, which then was a move by India to counter the F-104 Starfighters provided to Pakistan by US. The MiG-23s, MiG-25s, MiG-27s and MiG-29s, each with their own specific roles, followed in later years. The MiGs, in fact, once constituted over 75% of India's combat fleet, and still constitute a bulk of it. But now, with IAF going in for modern fighters, the end of the entire MiG era, except for the latest MiG-29s, is in sight.

We have got a clear-cut plan to replace them. By 2017, the entire MiG series will be replaced in a phased manner that is from 2014 onwards, said defence minister A K Antony in Rajya Sabha. In the years ahead, India's frontline combat fighters will have 270 Russian Sukhoi-30 MKIs already being inducted for around \$12 billion, the 126 new medium multi-role combat aircraft to be acquired in the \$10.4 billion MMRCA project and the 250 to 300 fifth-generation fighter aircraft to be built with Russia in the gigantic \$35 billion project.

Source: *Times of India*

Indian AWACS rollout likely on Feb 21

In a major step towards achieving higher levels of network-centric warfare, the ambitious Airborne Early Warning & Control System (AEW&C) is likely to roll out in Brazil soon after the conclusion of the eighth edition of Aero India 2011. Defence sources told Deccan Herald that the rollout event is likely to be held on February 21 with senior Defence Research and Development Organisation (DRDO) officials participating. Built by Brazilian aerospace conglomerate Embraer, the first EMB-145 - from the series of regional jets family - officials said, will land in India in the second half of 2011 for system integration and the subsequent induction into the Indian Air Force (IAF). The Centre had approved the AEW&C programme in October 2004 with the task of integration given to the DRDO Bangalore-based Centre for Airborne Systems (CABS).

Source: *Deccan Herald*

BrahMos Aerospace to make cryogenic engines for Indian rockets

Missile makers BrahMos Aerospace will manufacture the cryogenic engine once the Indian Space Research Organisation (ISRO) perfects the technology, said a senior official. The company is also hoping to induct its supersonic cruise missile into the Indian Air Force and develop hypersonic missile in six years' time, chief executive and managing director Mr A.Sivathanu Pillai told reporters. 'The ISRO is developing the cryogenic engine to power its GSLV (geosynchronous satellite launch vehicle) rockets. Once ISRO perfects the technology, we will make the engine as the space agency has asked us to do it,' Mr Pillai said. The company's wholly owned subsidiary BrahMos Aerospace Thiruvanthapuram Ltd (BATL) that already makes the liquid fuel powered engines and fuel tanks for rockets will make the cryogenic engine, he added.

Source: *Sify*

India's own 90-seat civil aircraft may fly by 2017: Upadhya

India can see its first indigenous civil aircraft taking to the skies in 2017 if the Union Government accepts the soon-

to-be submitted feasibility report by the High Power Committee for the National Civil Aircraft Development Programme (NCADP), and the engineering process begin during 2012. Talking to presspersons, National Aerospace Laboratories (NAL) Director and Member-Secretary of the committee Dr A.R. Upadhya said that the committee, headed by former ISRO chairman Dr G. Madhavan Nair, will submit a detailed feasibility report to the Union Government by March-April this year. Pointing out that the design and development of a 90-seat regional transport aircraft will be a Rs. 4,000 crore project, Dr. Upadhya said that the committee is suggesting a joint venture development under public-private partnership as many private, both Indian and foreign, aerospace companies have shown interest in participating in the unique project to be executed by NAL.

Source: *Hindu*

DRDO's unmanned air vehicle passes tests

Nishant, DRDO's unmanned air vehicle, has passed a series of confirmatory trials conducted recently by the Army, the Defence Research and Development Organisation has announced. The tests were conducted at Chandan Range at Pokhran before the Army took delivery of four Nishant UAVs along with ground systems. "The performance of the pay load sensors, in particular, has been better than the imported UAVs with the Army. It is expected that more of such equipment will soon be purchased by the users," a release said. Nishant can be used in battlefield reconnaissance during day and night; surveillance, counter-insurgency operations, target tracking and localisation and correction of artillery fire.

Source: *Hindu Business Line*

Kaveri ready for take off

After two decades of development and nearly Rs 3,000 crore worth of investments, the Kaveri jet engine is now being readied to fly the next generation of India's Light Combat Aircraft, a top defence official said. The Kaveri engine will complete its flight testing this year, and will be made available for the Tejas Light Combat Aircraft Mark-II version and other aircraft in the future, said Mr VK Saraswat, the scientific advisor to the defence minister. The critical single-crystal blade technology is being

developed with Snecma, he added. The Kaveri programme, developed by the Gas Turbine Research establishment, a DRDO lab, had cost the taxpayer around 3,000 crore, without achieving its original purpose of powering the Tejas, India's first home-grown fighter.

Source: *Economic Times*

Now, ISRO announces new moon mission

With the US lifting sanctions on ISRO, a top NASA laboratory has approached the Indian space agency with a proposal to collaborate for a moon mission aimed at getting back a kilogram of rocks from the lunar surface. The iconic Jet Propulsion Laboratory (JPL), which has sent missions to Mars and Venus, wants ISRO to put a satellite around the moon which will be a link between its lunar lander probe and the earth. "The mission is similar to the Chandrayaan-I mission. JPL has asked ISRO to put a satellite around the moon," ISRO Chairman Dr K Radhakrishnan said. The Space Commission, India's apex space policy body, has given ISRO the go-ahead to partner with JPL for the project named 'Moon Rise' which could be launched by the National Aeronautics and Space Administration (NASA) under its New Frontiers Programme announced in 2009.

Source: *Indian Express*

Israeli air-to-air missile shoots past indigenous Astra to arm LCA Tejas

The indigenous component of a fully armed Light Combat Aircraft (LCA) will see a further dip despite a home-grown Beyond Visual Range (BVR) Air-to-Air Missile (AAM) being developed in India. With an eye on hurrying up the Light Combat Aircraft (LCA) Tejas' induction into the Indian Air

Force, India plans to equip the aircraft with the Israel supersonic Derby BVR-AAM, instead of the indigenously developed Astra BVR-AAM. The Derby BVR-AAM missile, developed by Israel's Rafael Advanced Defence Systems Ltd (RADSL), is already a tried and tested weapon, being used on the Sea Harriers and has a range of 50km compared to 80km of Astra. India is to sign a contract in March with RADSL to procure the Derby BVR-AAM. Delivery of the missiles is expected by end of 2012 when its final test phase is expected to be completed.

Source: *DNA*

Boeing offers cutting-edge space technologies to India

With the United States department of commerce taking the Indian Space Research Organisation (ISRO) and the Defence Research and Development Organisation (DRDO) off its Entity List, American aerospace and defence giant Boeing has now offered ISRO partnership on a number of space related programmes, including manned space missions, and the supply of 'composite cryogenic tanks' used in the launch of rockets. The Entity List prohibits the transfer of so-called dual use high technology items to specified companies and organisations. Boeing's Defence, Space and Security vice president in India, Mr Vivek Lall, has been quoted as saying in a report that given the company's long experience with the American space programme it was felt that it could "provide value-added assistance to India's space programme".

Source: *domain-b.com*

Mahindra arm plans to set up 285-cr facility

Mahindra Aerospace, part of the \$7.1-billion Mahindra Group, has got Board approval to invest Rs 285 crore to set up a 25-acre aerospace facility in Bangalore. The company is considering setting up the facility in Narsapur, near Bangalore. "We want to make use of the aerospace ecosystem in Bangalore and the infrastructure resource pool in this area to expand," said Mr Anand Mahindra, Vice Chairman & MD of Mahindra & Mahindra. The company already has a 5-acre property in Malur where it's setting up a Rs 35-crore facility. The firm needs the bigger facility to emerge an indigenous player with design, engineering and manufacturing capabilities. The new facility is expected to be operational in the next 15 months. The company may retain the Malur facility to manufacture aircraft components.

Source: *Times of India*

Boeing claims 107 plane orders from India

Boeing said it has a robust order book of 107 commercial planes in India. Out of this, 37 is for the 787 Dreamliner aircraft. The company did not specify the delivery timeline for the aircraft. However, the company will deliver the first of the 787 Dreamliner aircraft to Air India this year and the date of delivery will be formally announced at the Aero India show that begins in Bangalore. Air India has sought a compensation of \$850 million for delay in the delivery. The company is betting big on India's defence market, estimated

at \$31 billion over the next ten years. "Fighter and attack aircraft, missiles and maritime patrol are a big component of this addressable market," Boeing India president Mr Dinesh Keskar said. In addition to offering the F/A-18 E/F Super Hornet as part of the medium multi-role combat aircraft (MMRCA) offering, Boeing is exploring opportunities to bring C-17 Globe master III, Apache, Chinook and P-81 to India.

Source: *Times of India*

HAL hands over Cheetah helicopter to Namibian Air Force

Hindustan Aeronautics Limited (HAL) handed over a Cheetah Helicopter to the Namibian Air Force at a function held at the Aero India show. As per the contract, HAL will also supply two Chetak helicopters to Namibia by June this year. Managing Director (Helicopter Complex) and Director (Corporate Planning and Marketing) HAL, Mr P Soundara Rajan handed over the helicopter to Defence Minister of Namibia, Major General (Retd) Charles Namolah. Mr Rajan said HAL was committed to meeting the target of supplying two Chetaks to Namibia. "We are committed to handing over the Chetaks to Namibia and the work in this regard is on in full swing," he said.

Source: *Deccan Herald*

Aviation sector sees unprecedented growth: PM

Prime Minister Dr Manmohan Singh said India's civil aviation sector has witnessed unprecedented growth in the recent past and will soon have the potential to absorb investment of over \$120 billion. 'I am told the projected growth of India's aviation sector has a potential to absorb investment of over \$120 billion with attendant job creation for lakhs of workers directly and indirectly,' Dr Singh said at the inaugural function of the new terminal at the Thiruvananthapuram international airport. 'The government fully understands the importance of the civil aviation sector to the Indian economy, particularly as it gets more and more integrated into the global economy,' the prime minister said. 'The ministry of civil aviation and the Airports Authority of India have commenced the development and modernisation of existing airports on a mission mode to create world class air infrastructure in our country,' he said.

Source: Sify

India, China to be among top five domestic aviation markets

India and China will be among the five largest domestic aviation markets in the next two years but the US will remain at the top, the IATA has estimated, saying the focus of the global aviation industry will continue shifting eastward. By 2014, the five largest markets for domestic passengers would be the United States with 671 million, China with 379 million, Japan (102 million), Brazil (90 million) and India (69 million), the International Air Transport Association (IATA) said in its latest global forecast. While China will record the highest compound annual growth rate in passenger traffic of 13.9 per cent contributing an additional 181 million passengers, India with 10.5 per cent will be among nations which will record double digit growth. Other countries with double-digit growth would include Vietnam with 10.9 per cent, South Africa (10.6) and the Philippines (10.2), the figures published by the global airlines' body showed.

Source: Economic Times

SAROD - 2011

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