



## e-news

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### Indian Metal Birds Dotting the Sky at Aero India 2007 Display



SURYA KIRAN



SARAS



TEJAS



ALH

### READER'S RESPONSE

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You may send us your e-mail id for forwarding the monthly e-news.

**CURRENT AFFAIRS****India to be more than just a buyer**

Defence Minister A K Antony has emphatically stated that India was equal to anybody and would henceforth buy foreign defence equipment only if it was also a partner in developing and manufacturing them.

*Source: Deccan Herald*

**Be ready for tech war: Kalam to IAF**

President APJ Abdul Kalam urged the Indian Air Force squadrons to equip themselves for a technology driven warfare. Speaking at a special ceremonial parade to present the 'President's Standard' to two IAF squadrons, Kalam said "the whole war environment will be a network centric warfare and it could be electronically controlled, combined with space encounters".

*Source: The Times of India*

**GoM approves merger of Air Indian, Indian**

Doubts over the merger of the national carriers Air India and Indian were set to rest . As a group of Ministers (GoM) approved the Civil Aviation Ministry proposal even as minister Praful Patel claimed that the "merger process will be completed before March 31".

*Source: Deccan Herald*

**Moon mission launch on March 30, 2008**

India's much awaited date with the Moon has been fixed. It is on March 30, 2008. On this day, Chandrayaan-1, country's maiden lunar voyages, is expected to lift off from Satish Dhawan Space Centre, Sriharikota.

*Source: The Times of India*

**Manned mission will take 8 years**

India's space agency will take about eight years to mount a manned mission to space once the government clears its project report, ISRO Chairman Dr G Madhavan Nair said . The government has asked the Indian Space Research Organisation (ISRO) to undertake a detailed study and submit a report on the proposed manned mission, Dr Nair said here.

*Source: Deccan Herald*

**NAL to showcase Hansa at Melbourne airshow**

The National Aerospace Laboratories (NAL), the Bangalore-based constituent of the Council of Scientific and Industrial Research, is planning to exhibit its two-seater, Hansa 3 trainer aircraft at Avalon Air Show in Melbourne, Australia. The NAL is sending seven technicians who will be tasked with reassembling the Hansa in Australia and their pilot Air Vice Marshal Ajit Singh Lamba (retd), who will demonstrate the capabilities of the tiny all composite aircraft to the Australian public and flying training clubs.

*Source: The Hindu*

**TECHNOLOGY****HAL will spend \$5b to acquire new tech**

The Hindustan Aeronautics Ltd (HAL) will spend \$5 bilions in the next three to four years to acquire fifth generation aircraft and gain expertise in newer technologies, said HAL chairman Mr Ashok K Baweja.

*Source: The Times of India*

**Safran-HAL starts making components**

Safran, an Euro 11-billion international high-tech group, announced on Wednesday that the first-ever 50:50 manufacturing JV (joint venture) between a defence PSU and a foreign company, has started production.

*Source: Deccan Herald*

**Army evinces interest in UAV developed by private company**

Impressed by an Indian private firm's design and development of a tactical mini Unmanned Aerial Vehicle (UAV) the first and only private initiative of its kind in the country the Army has invited the company for field trials of the product.

*Source: The Hindu*

**Opportunity seen for Boeing in India**

Having bagged aircraft orders worth about \$20 billion from India, U.S. aviation major Boeing announced its plans to invest about \$ 185 million to develop aviation related projects and facilities in the country.

*Source: The Hindu*

### **Bombardier to set up MRO in India**

The \$4-billion Canadian aviation major Bombardier has firmed up plans to establish a repair and training facility in India, in a bid to have a better hold on the burgeoning Indian aviation space.

*Source: The Times of India*

### **HAL will spend \$5b to acquire new tech**

The Hindustan Aeronautics Ltd (HAL) will spend \$5 billions in the next three to four years to acquire fifth generation aircraft and gain expertise in newer technologies, said HAL Chairman Mr Ashok K Baweja.

*Source: The Times of India*

### **DRDO working on MCA project**

Unveiling a grand 15-year plan, the Defence Research and Development Organisation (DRDO) said its priority would be to exploit the full potential of the spin-offs from the Light Combat Aircraft (LCA) Tejas. Proposals to design the Medium Combat Aircraft (MCA) and an Unmanned Combat Aerial Vehicle (UCAV) as big as the LCA Tejas during 11<sup>th</sup> and 12<sup>th</sup> Plan periods would be made to the Planning Commission, said Mr Natarajan, Scientific Adviser to the Defence Minister.

*Source: The Hindu*

### **Lockheed to give India six C-130 J**

Lockheed Martin, a US aviation major, on Tuesday said that it was confident of delivering six tactical transport aircraft C-130J to India by the end of this year

*Source: Deccan Herald*

### **L&T signs agreement with EADS, Boeing**

Larsen & Toubro Limited (L&T) and European Aerospace & Defence Group – EADS will jointly explore business opportunities in defence and aerospace.

*Source: Deccan Herald*

### **Aero India Gets international flavour**

Aero India 2007, the recently concluded sixth edition of the air show at Air Force Station, Yelahanka appeared to have come a long way since it first started in 1993 as a private venture by a former Chief of Air Staff. Considering that it proved to be a big draw, the Ministry of Defence realized the business potential and took over the show with the first edition in December 1996. At that time it was a purely desi affair with very few foreign companies taking an interest in India.

*Source: The Times of India*

### **Aviation boom to bring in big biz**

The aviation boom in India will see a requirement of about 2000 civil and 500 cargo planes in 10 years besides 400 big corporate jets in three-five years worth \$75 billion in terms of business, said Union civil aviation minister Praful Patel, envisaging a second airport for Bangalore in a decade.

*Source: Deccan Herald*

### **Eurocopter, Apoorva ink chopper deal**

Eurocopter and Apoorva Aviation has signed contracts for acquisition of two EC120 new generation training helicopters.

Apoorva intends to commence AB Initio and Advanced Training for Indian helicopter Pilots in the second half of 2007 in order to cope with a fast growing demand for highly-skilled pilots for the growing fleet of choppers in the country.

*Source: Deccan Herald*

### **Cessna to deliver 11 aircrafts**

The Cessna, a Textron company has signed an agreement with Aero Club of India (ACI) to deliver 11 trainer aircrafts.

*Source: Deccan Herald*

### **100% foreign equity may be allowed in cargo sector**

On this buoyant note, civil aviation minister Praful Patel declared on Thursday that given the bullish growth in the sector, the government is considering allowing up to 100% foreign equity in cargo and allied civil aviation segments. If done, this will give a fillip to domestic, international movement of cargo, non-scheduled aircraft, sea jets and infrastructure projects.

*Source: The Times of India*

### **Boeing vows to invest \$ 1.7 b in India**

Having sold 128 aircraft worth a whopping \$20 billion, US plane manufacturer Boeing on Wednesday committed it-self to investing \$ 1.7b in related industries in India.

*Source: Deccan Herald*

### **HAL to invest \$ 940 million**

Public sector aerospace and defence major Hindustan Aeronautics Limited (HAL), which has its order book full, is investing \$ 940 million over the next few years as its seeks to implement a number of prestigious projects.

*Source: The Hindu*

## **EVENTS**

### **58<sup>th</sup> Annual General Meeting of the Aeronautical Society of India**

The 58<sup>th</sup> Annual General Meeting of the Society was held on 18<sup>th</sup> Feb 2007 at Hotel Taj Malabar, Wellington Island, Kochi. His Excellency Shri RL Bhatia, the Governor of Kerala inaugurated the Meeting. The Neelakantan Memorial lecture was delivered by Shri Vijay Mallaya, CMD, Kingfisher Airlines.

The session following the Inaugural Session contained three Memorial lectures. The session was chaired by Dr R Balasubramaniam, Editor, Journal of Aerospace Sciences and Technologies. Dr K Ramachandra, former Director GTRE delivered the prestigious Prof Satish Dhawan ARDB Lecture. Dr Biren Roy Trust Lecture was delivered by Shri ML Sidana, Director, ADRDE, Agra followed by the Young Kalpana Chawla Memorial Lecture by Dr (Mrs) Jarna Majumdar, Sc G, ADE, Bangalore.

The Society's Best Branch Trophy was presented to Goa Branch and the Chairman of the Goa Branch received the Trophy from Dr G Madhavan Nair, President, AeSI. The AGM elected the new Council unanimously under the Presidentship of Mr V Thulasidas, Chairman & Managing Director, Air India.

The Kochi Branch had also arranged a Sunset Cruise and a dinner for members and invited guests.

### **The First Joint Aeronautics and Space Conference on High Speed Transatmospheric Air & Space Transportation**

**Date:** 29-30 June 2007

**Venue:** Hyderabad

**Organised by:** Aeronautical Society of India & Astronautical Society of India

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### **Seventh Asian Computational Fluid Dynamics Conference**

**Date:** 26-30 November 2007

#### **Important Dates**

- Submission of Extended Abstract : May 31,2007
- Acceptance of Extended Abstract : July 31,2007
- Submission of Full Paper :

**Venue:** National Science Seminar Complex  
Indian Institute of Science  
Bangalore India

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### **Civil Aviation Week – Airport & Airline 2007 Expo**

**Date** : 26-28 March 2007  
Halls 10&11

**Venue** : Pragati Madien  
Exhibition Centre  
New Delhi

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For further details, please visit  
[www.civilaviationweek.com/conf.html](http://www.civilaviationweek.com/conf.html)

### **MROs in India: Present & Future**

**Date** : 25 May 2007

**Venue** : La Meridian Hotel

**Organised by** : Aeronautical Society of India (Delhi Branch)

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## **CAREER**

### **Airbus, CAE to set up training center in city**

Airbus and CAE of Canada are establishing full training and flight operations support capabilities with an Indian aviation-training center based in Bangalore. The center which will be located at Devanahalli, close to the Bangalore International Airport will open at the end of 2007, and when fully operational, will train up to 1,000 pilots a year.

*Source: Deccan Herald*

### **Design aeroplanes**

Dubai Aerospace University, the education and training arm of Dubai Aerospace Enterprise, is to present its world class aviation education programmes to schools and companies in Bangalore.

*Source: The Hindu*

contd....

## Mysore Pilot training school on the cards

The boom in the aviation industry is having a domino effect on Mysore. The city has all set to have a pilot training institute at the under-construction Mysore airport at Mandakalli. The Airport Authority of India (AAI), which is providing Mysore a workable airport, is creating the infrastructure at the project site for hands-on training of pilots in short supply at present. These facilities are built into the upgradation project. Quoting from a survey, AAI DGM M N Rao on Wednesday said in the next 20 years, air traffic in India will increase five times. The shortfall in pilots was put at 10,000 at the recently concluded Aero India in Bangalore.

Source: *The Times of India*

### Education :

#### Nehru College of Aeronautics & Applied Sciences

Providing knowledge in the field of Aeronautical Engineering apart from other Branches, with the former exclusively dedicated to aeronautical science and engineering studies for over three decades. The college is also conducting director General of Civil Aviation approved course in Aircraft Maintenance Engineering to cover aircraft and aero engine and are in the process of updating their training infrastructure to enhance the scope to cover heavy aircraft, jet engine and aircraft systems to cater the growing demand of AMEs commensurate with the increase in aircraft operations.

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