



e-news

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Welcome to e-news

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READER'S RESPONSE

The editorial team invites your views, suggestions and contributions to the e-news. You may e-mail to: editoraesi@dataone.in or aerospacejournal@vsnl.net.in
You may send us your e-mail id for forwarding the monthly e-news.



THE LAUNCH

e-news Launch

Considering the spectacular achievements in aeronautics and aerospace coupled with the growth in civil aviation in the Country, the Council of the Aeronautical Society of India has decided to issue a monthly e-news to up-to-date developments to its Members and Professionals. The launch of the e-news marks yet another step taken by the Society in the dissemination of information for its over 9000 Members, Corporate Members, Companions, Industries and Institutions involved in the field of aerospace sciences and technologies. The e-news also provides a platform for individuals to seek and offer career opportunities. Industries and institutions can showcase their products. The monthly e-news is managed by a team of dedicated aerospace professionals and hopes to fill the gap of ever growing opportunities and demands by continuous real-time interaction. It is our hope that the aerospace professionals, institutions and industries committed to the growth of aeronautics and space sciences will contribute significantly to the 'e-news' service of the Society and make it an interesting and purposeful interactive forum.

... Editorial Team

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Defence Minister for more investment in R&D

Reiterating the need for the Government and private sectors to invest more money in research and development, Defence Minister A.K. Antony said on Monday that this was the only way India could become globally competitive. Lamenting that a majority of Indian industries did not spend enough on research, the Defence Minister said that the new industries should spend more on research if India were to grow further and take its due place in the international arena.

Delivering the presidential address at the three-day Defence Research and Development Organisation (DRDO)-organised international seminar on "Aerospace Technologies: Challenges and Opportunities", Mr. Antony admitted that India's defence research needs more funds in the years to come.

Source: *The Hindu*

International airport taxiing for take-off

A dream conceived over 10 years ago, the Bangalore International Airport at Devanahalli is slowly but surely being realised. From start of work on July 2, 2005, it has gone on at a brisk pace, allowing neither the midway redesign nor the rains to affect the progress.

Source: *The Times of India*

ISRO working on reuse of launch vehicles

India should be able to have a system enabling the reuse of lower and upper stages of its rockets by 2020, G. Madhavan Nair, Chairman, Indian Space Research Organisation (ISRO), said here on Monday. Dr. Nair was making a presentation of ISRO's future plan in rocket science and space research to delegates at the four-day "International Seminar on Aerospace Technologies: Challenges and Opportunities," organised by the Ministry of Defence in association with the Aeronautical Society of India.

He said work was on to study the possibility of recovering, re-servicing and reusing the launch vehicles, which would bring down the cost of satellite launches. "Research and development of technology would take another five years before we enter the engineering design stage."

Several issues, including sonic aerodynamics, integrating the winged body to the rocket, thermal management and navigation needed to be sorted out. The first stage of the rocket releases after travelling around 100 km, while the second stage releases after travelling between 600 and 700 km. Ideally, he said, we would want an aircraft like system to launch the satellites, but materials and propulsion system needed to be developed. At present, the U.S. had been recovering the upper portion (shuttles), he added.

Dr. Nair said that six proposals had been short-listed out of the 30 that the ISRO received for participation in Chandrayan, the India's project on moon. He said,

Indo-Russian ties touch a new high

From the joint development of a new 'hypersonic' BrahMos cruise missile to an almost-clinched agreement for the fifth-generation stealth fighter; India and Russia are now poised to take their already robust defence relationship to an altogether new level.

Source: *The Times of India*

HAL to showcase Dhruv and LCA

Hindustan Aeronautics Limited (HAL) will have a big presence at the sixth edition of Aero India 2007, with renewed focus on research and development, combat and trainer aircraft, upgrade programmes, diversification and engineering services. The company will enter into new partnerships with some aviation giants.

Source: *Deccan Herald*

New Air Chief

Air Marshal Fali Homi Major, who has been named as the next Chief of the Indian Air Force, was commissioned as a transport pilot in December 1967.

Source: *Deccan Herald*

"Two proposals from the U.S. and four from Europe would be piggy-backing the Chandrayan programme."

Source: *The Hindu*

Lakshya may get a new engine

Lakshya, India's indigenously built surface/ship launched high subsonic recoverable and reusable aerial target system that has been inducted into the armed forces, is likely to get a new and more fuel-efficient engine.

Source: *The Hindu*

First IJT is set to roll out next year

Hindustan Aeronautics Ltd – which has set a record in completing India's first trainer for the IAF, Intermediate Jet Trainer, in 39 months- will roll out first aircraft in 2008.

Source: *The Times of India*

BAE to unveil new UAV at Aero-India

BAE Systems' fully autonomous unmanned air vehicle (UAV) known as HERTI, suitable for both military and civil operations, will be making its first public appearance outside the United Kingdom at Aero India 2007.

Source: *The Times of India*

BUSINESS

Russia Unveils MiG 35 That Does 2,400 kmph

Just over three hours and as many refuels later; Russia's newest aircraft, MiG-35, landed at the Yelahanka airport, covering all of 8,000 miles from Moscow to Bangalore at an astonishing speed of 2,400kmph. "It has a long range as far as weapons are concerned".

Source: *The Times of India*

NAL to develop regional transport aircraft

Buoyed by the moderate success of Saras, India's first indigenously designed and developed civilian aircraft, National Aerospace Laboratories (NAL) has embarked on an ambitious project to develop a "New Generation Regional Transport Aircraft".

The nearly 10-tonne, 70-seat aircraft to be developed both in jet propulsion and propeller variants will be built on a risk cost sharing private-public partnership basis.

Source: *The Hindu*

Increase in permit fee hits training schools, aerosports enthusiasts

The 100-fold increase in flying permit fee made by the Directorate General of Civil Aviation (DGCA) has grounded the fledgling low-cost aerosport aviation. Hit hard by this are the flying training schools, aerosports enthusiasts and a host of wannabe pilots, a development bound to make the pilot-shortage problem even worse.

Source: *The Hindu*

French companies to show their shakti

Aero India 2007 will see a French representation of about 35 member companies under the aegis of GIFAS, a conglomerate of French aerospace companies.

Source: *The Times of India*

Power-packed ALH on its way

A more power-packed Advanced Light Helicopter (ALH) will come out of HAL with upgrade work already underway. The focus is on the engine – the current Turbomeca 333 type will be replaced by the more powerful Shakti Engine, an Indo-French product.

Source: *The Times of India*

MiG-35 ranks high on IAF's mega order

Among the contenders for the Indian Air Force's mega order of 126 fighter aircraft, the Russians are pushing their MiG-35 to compete with the various western aircraft like the Swedish Gripen, US F-18, and French Rafale. The MiG-35 is an enlarged and more advanced development of the MiG-29/MiG-33 family seen as a potential replacement for the MiG-29 and Su-27.

Source: *Deccan Herald*

contd.....

EVENTS

INDIAN AVIATION FORUM 2007

Time to sustain – The Aviation Boon, Sustain & Maintain or else

9th March 2007: Hotel Le-Meridien, New Delhi

This Forum will principally address the following 3 issues:

- Opportunity Knock's: Privatization of Airports Infrastructure Focus
- Technology an enabler & not a Commodity
- Panel Discussion – Low cost Carriers launch into Battle with the Big Boys.

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SecureIndia 2007

Wings Trade Fairs have conceptualized SecureIndia 2007, an International Exhibition and Seminar on public safety and security; scheduled to be held on July 11, 2007 to coincide with the first anniversary of the serial bomb blast during the rush hours at Bombay suburban trains, which is also a tribute to those hapless victims. The event is aimed at promoting a climate of understanding, knowledge-sharing and cooperation to help combat these situations and will be for a period of three days, from July 11-13, 2007 at the Nehru Center, Bombay.

SecureIndia 2007 is focused on the specific security needs of aviation, maritime, fire, infrastructure and mass transit organizations including railways, buses, metros, ports, ships and also the supply chain and logistics industry.

SecureIndia 2007 will be staged to promote and encourage high professional and ethical standards throughout the protection and security industry and to increase the security awareness of society at large.

For further clarification/information please contact :

E-mail : haq@wings-promos.com;

Website: www.Secureindia.co.in

TECHNOLOGY

LCA Prototype 5 to fly by August

The Prototype Vehicle 5 of the Light Combat Aircraft (LCA) family, developed by the Hindustan Aeronautics Limited (HAL), Bangalore, is expected to fly out of the hanger by August.

Source: *Deccan Herald*

BrahMos missile successfully test-fired

Supersonic cruise missile BrahMos, with an advanced capability of sharp manoeuvring, was successfully test-fired on Sunday from the Integrated Test Range at Chandipur on sea in Orissa. For the first time it was manoeuvred in the form of an "S" curve at supersonic speed of 2.8 mach. Army personnel in full *combat formation carried out the firing.*

Source: *The Hindu*

BUSINESS

Foreign allies in aerospace must share both risks, gains

Defence Minister A K Antony, in his presidential address to an international seminar on aerospace, said that while India today was willing to collaborate with international players to operationalise aerospace weapons and platforms and to undertake shared efforts in technology development, any such partnership should share gains, risks and work structure.

Source: *Deccan Herald*

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ADVERTISEMENT-AVENUES

LIGHTER VEIN

