

AVI-NEWS

June, 2018 INDIA

A MONTHLY NEWSLETTER

CONSUMER DRONE MARKET TO GROW AT 18%, COULD HIT \$9 BILLION BY 2024 - SECURITY IMPLICATIONS



Dear Friends,

The absence of adequate safe guards and regulations with respect to the use of drones has raised several concerns.

Privately owned drones are routinely violating restricted airspace over military bases, ships and airfields. In USA, where FAA manages the integration of UAS into the National Airspace, as of March 2018, more than 150,000 small drones were registered to fly for commercial purposes. That number is expected to jump to 450,000 within five years. Reports of UAS sighting by pilots, civilians and law enforcement have increased dramatically over the past two years.

In USA, the Pentagon wants more authority to shoot them down. The FAA limits what defenses the military can deploy against small drones because some systems pose a threat to manned commercial and civil aircraft. As per reports, the 2017 National Defense Authorization Act (NDAA) has given the Pentagon green light for tracking and eliminating threatening UAS flying over facilities with significance to national security, though the methods and which facilities remain classified.

India is lagging far behind due to absence of a policy on the uses of drones. The Government and the Civil Aviation Authorities had promised to finalise and promulgate the rules by March this year, which they have failed to do so far. It is therefore imperative that these concerns are acknowledged and addressed efficiently by adequate regulations. The American situation is a wake up call for them.

Happy Landings.

Gp Capt Sanjiv Aggarwal

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We have real time access to complete inventory for all series of King Air, Beech Craft, Hawker and Cessna Aircraft.



Embraer X unveiled its first eVTOL Aircraft

Embraer subsidiary Embraer X recently unveiled its first electrical Vertical Take-Off and Landing (eVTOL) aircraft concept at Uber Elevate in Los Angeles. The eVTOL concept represents an aircraft with a mission to serve passengers in an urban environment, based on the key design drivers of safety, passenger experience, affordability and a very low footprint for the community in terms of noise and emissions.



Embraer X's first eVTOL concept unveiled is the outcome of extensive

interaction with potential urban air travelers about their desired experience, combined with the expertise of Embraer's

teams and the collaboration with various companies and institutions.

Bombardier Unveils Global 7000

- Exclusive Cabin Management System

Bombardier unveiled a preview of its Global 7000-exclusive nice touch cabin management system (CMS). A Bombardier-Lufthansa Technik collaboration, the new system focuses on cabin interaction through a combination of physical and digital interfaces with the goal of effortless control of the cabin environment and entertainment.



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For ultimate cabin efficiency
and enjoyment, the nice

touch CMS introduces a new way to connect with the cabin through the Bombardier Touch dial, featuring business aviation's first application of an OLED display. Always within reach from the comfort of the passenger's seat, it discreetly rises from the side ledge with the touch of a finger to provide rapid control of entertainment and cabin settings.





Meet the Icelandier who will make international flights super cheap for Indians

How about flying from India to North America at 30-50% cheaper rates than currently available? And to add to it, what if you get a stopover at Iceland's capital, Reykjavik? That's what Skuli Mogensen, the Chief Executive Officer and founder of WOW air, is promising. A few years ago, Iceland was an obscure country, too pretty but too far for travellers to visit. After the eruption of Eyjafjallajokull volcano in 2010, the Iceland government launched a PR campaign to reassure foreign travellers. They also

showcased the country in all its beauty.

Mogensen is an active patron of the arts and has sponsored a number of artists and exhibitions in his country. He also sponsors Cross Fit tournaments. Under Mogensen, Wow air provides not just affordable tickets for long flights, but also exciting offers for backpackers.

WOW air is launching its flight operations in India. "Our launch is in sync with India's aviation growth story and we look forward to being part

of it with our very affordable fares to North America and Europe on board brand new Airbus A330neos. WOW air also plans to add more flights to India in the future as the country strongly moves ahead to become the world's third largest tourism economy in the next 10 years," Mogensen said at the launch. The purple airline boasts one of the world's youngest fleet, with an average aircraft age of just two years. It said that it will use the brand new Airbus A330neo aircrafts on the Delhi route.

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MAHINDRA AEROSPACE GETS REGULATORY NOD FOR 10-SEATER AIRCRAFT

India's aviation regulator approved Mahindra Aerospace new 10-seater aircraft Airvan 10. The Rolls-Royce M250 powered Airvan 10 received approvals last

year from the Australian and U.S. civil aviation authorities. With India emerging as the third largest aviation market, air passenger traffic growth has been in the range of 18-20% over the past three years.

The approval paves way for the company to target more routes and expand its local turboprop market at a time when the government is trying to boost air connectivity.



Want to fly high? Do it right in your home town

Flying training institution Alchemist Aviation received the certificate of approval from Director-General of Civil Aviation (DGCA) to conduct flying courses, which operates out of the Sonari Airport at Jharkhand, India

This development makes Alchemist Aviation the only

flying school in Jharkhand eligible to grant a private pilot license (PPL) and a commercial pilot license

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(CPL). Earlier, students spent hefty sums on housing to pursue such courses in metros. This is the best

time for a career as a commercial pilot as its demand is soaring due to the Centre's regional connectivity scheme. Nearly 400 pilots from abroad are serving in flight services in India. A commercial pilot can expect a minimum monthly salary of approx. 25000 USD PA after completing an 18-month CPL course for 32000 USD.

AVITRUE HAS TIE UP WITH FAA AND EASA APPROVED SHOPS IN US AND EUROPE FOR COMPONENT REPAIR

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Aiming of to attract more tourists, a seaplane service is being introduced on the Tehri Lake besides an array of water sports activities to make the water body a happening adventure spot in the region. Besides surfing, the 42 sq

km Tehri Lake, the reservoir of the Tehri Dam, currently offers boating facilities by power boats and jet skis, among others. In addition to water sports, Tehri also offers parasailing, paragliding and hot air balloon rides.

Seaplane operations will also be a great help in emergencies like landslides in the region, Indian government has allocated Rs 110 cr to develop Tehri as a tourist destination.



Come July and passengers of full service carrier Vistara will be assisted by a robot at its lounge in IGI airport here, helping them address their queries, scanning boarding passes and providing flight status and weather conditions of the destination city.



games and other multimedia content such as songs and videos.

The robot has been envisioned and incubated under Vistara's Innovation initiative. It is designed by its team of technology experts and apprentices from Tata Innovation Lab. The robot is built on a chassis of four wheels, enabling it to rotate 360 degrees, and has three in-built cameras for cognitive interaction.

Capable of moving around in predefined pathways. the robot named 'RADA" will also greet customers and

interact with them using basic hand movements. It will engage with kids and adults by playing

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Draft Passenger Rights in India

Ministry of Civil Aviation
Notifies Draft Passenger
Charter Defining Rights for air
Passengers

The following initiatives are
proposed:

If the airline is found to be at
fault, passengers will be entitled
to the following benefits:

Delays and Cancellations

- When flight is expected to
be delayed for more than

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4 hrs from the published
scheduled time departure or
previously revised departure
time (communicated more
than 24 hours prior to
original scheduled departure
time), airlines to offer an
option of full refund of ticket
to the passenger

- When delay is more than
24 hrs from published
scheduled time of departure
and involves flight to fly on
the next day i.e. beyond

0000 hours, passenger to be
offered free-of-charge hotel
accommodation (including
transfers).

- Airlines to compensate
passengers for missing
connecting flights:
- If delay more than 3 hours:
INR 5,000
- If delay between 4 and 12
hours: INR 10,000
- If delay more than 12 hours:
INR 20,000
- When the flight is stationed
on the tarmac for more than
60 minutes, sufficient and
free-of-charge hot snacks
and beverages are to be
provided to the passengers,
and b) when the flight is
stationed on the tarmac for
more than 90 minutes plus



no possibility of departure in next 30 minutes, passengers must be de-boarded

- In case of flight cancellation and when passenger is informed of the flight cancellation less than two weeks before and up to 24 hrs of the scheduled departure time, the airline must offer an alternate flight allowing the passenger to depart within two hours of the booked scheduled departure time or refund the ticket, as acceptable to the passenger, and b) in case the passenger is not informed up to 24 hours of the scheduled departure time, the airlines must refund the full value of the air ticket

Compensation

Passenger dies or undergoes bodily injuries onboard an aircraft: Limit of liability to be paid by the airline must be same for both international and domestic passengers

Baggage lost, delayed, or damaged: a) Limit of liability to be paid by the airline to be the same for both international and

Days after the Civil Aviation Ministry came out with its draft proposal defining the rights of air passengers, the airlines are up in arms against several new norms which they say may lead to expensive air fares.

“The government has to decide whether it wants to treat aviation as a luxury sector or wants to take it to the common man. Airfares in India are already at some of the lowest levels in the world. Yields are badly hit. At this level, such rules will have a massive impact”

domestic passengers, and b) the minimum compensation will be as follows:Rs. 3,000 per kg for loss of baggage, Rs. 1,000 per kg for delay and Rs. 1,000 per kg for damage of baggage

Cancellation

- In case of ticket cancellation, airline not to levy any additional charge for correction in name of the same person when name correction is required up to three characters only and when error in the name spelling is pointed out by the passenger to the airline within 24 hours of making a reservation
- Cancellation charges must be printed prominently in the ticket itself in a minimum font size of 12 and not as fine print. This information must also be provided as part of the reservation and ticket documentation.
- Under no circumstance will the airline (including the online or offline agent) levy cancellation charges that total more than the basic fare plus fuel surcharge
- Passenger allowed Lock-in option for 24 hours(after booking ticket) in which the passenger can cancel or amend the ticket without any additional charges.

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