



Corporate Communications Directorate

BUSINESS LINE

DELHI

2 DECEMBER 2025

AAI to launch new air traffic messaging system by March

Aneesh Phadnis
Mumbai

The Airports Authority of India (AAI) plans to roll out a Air Traffic Services Message Handling System (AMHS) by March 2026, bringing greater efficiency and reliability in the transmission of aeronautical messages, such as flight plans and weather reports, between airports and airlines.

The new AMHS will replace the existing Automatic Message Switching System, which suffered a major glitch last month. With this launch, India will join 28 other countries in the Asia-Pacific region that have already implemented AMHS.

The glitch resulted in delays to nearly 400 flights over two days. Subsequently, AAI was ordered to carry out a comprehensive audit of all communication, navigation and surveillance equipment to evaluate their condition and operational reliability. Minister of State for Civil Aviation Murlidhar Mohol informed the Rajya Sabha on Monday.

In 2023, AAI selected Austrian firm Frequentis to deploy AMHS across its network. Trials and system validation are currently underway, said aviation sources. The system will connect over 80 airports in India using AMHS user agents at various locations, supported by a dedicated Web portal.

The AMHS is based on International Civil Aviation Organisation (ICAO) standards. It was introduced in 2001 following growth in global air traffic leading to operational complexities.

Hence, it was decided to adopt a new system to replace the legacy Aeronautical Fixed Telecommunications Network. AMHS offers substantial benefits, including higher speeds, bit-oriented communication for greater flexibility and support for message attachments.



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THE HINDU

DELHI

2 DECEMBER 2025

Many airports complained of GPS spoofing, says Centre

Jagriti Chandra

NEW DELHI

Complaints regarding GPS spoofing or counterfeit satellite signals experienced by aircraft were received from airports in Kolkata, Amritsar, Mumbai, Hyderabad, Bengaluru and Chennai, the Centre informed Parliament on Monday.

In response to a question from YSRCP MP S. Niranjan Reddy, Minister for Civil Aviation Ram Mohan Naidu admitted that “some flights” encountered GPS spoofing in the vicinity of Delhi airport as reported by *The Hindu* on November 7 about such events in the first week of the month.

The Minister said following the events, “the Airports Authority of India (AAI) has requested Wireless Monitoring Organisation (WMO) to identify the source of interference/spoofing.” The WMO has also been directed to mobilise more resources to trace the sources based on approximate spoofing location details shared by the DGCA and the AAI.



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THE HINDUSTAN TIMES

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{ **MY INDIA** } CENTRE IN PARLIAMENT

'GPS spoofing' signals logged at key airports in past month



GPS spoofing signals were received over the past month at the Delhi, Mumbai, Chennai and other airports although no flight movements were affected, civil aviation minister Ram Mohan Naidu told Parliament on Monday. GPS spoofing entails sending fake satellite signals to trick a navigation system into showing the wrong position, speed or time. Unlike jamming, which floods the spectrum on which GPS satellites function, spoofing feeds aircraft false but convincing navigation data.

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THE HINDUSTAN TIMES

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GPS spoofing reported at major airports: Min

Neha LM Tripathi

letters@hindustantimes.com

NEW DELHI: GPS spoofing signals were received over the past month at the Delhi, Mumbai, Chennai and other airports although no flight movements were affected, civil aviation minister Ram Mohan Naidu informed Parliament on Monday.

GPS spoofing entails sending fake satellite signals to trick a navigation system into showing the wrong position, speed or time. Unlike jamming, which floods the spectrum on which GPS satellites function, spoofing feeds aircraft false but convincing navigation data, which can cause errors in route or altitude and pose serious safety risks.

Naidu, in a written response to MP Niranjan Reddy, said,



Ram Mohan Naidu

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"GNSS interference reports are being received from Kolkata, Amritsar, Mumbai, Hyderabad, Bangalore and Chennai airports."

He said that some flights reported GPS spoofing in the vicinity of IGIA (Indira Gandhi International Airport), New Delhi while using GPS-based landing procedures during their approach to runway 10.

"Contingency procedures were used for GPS-spoofed

flights approaching RWY 10. There were no effects on movements of flights, other runway ends having conventional navigational aids being operational," Naidu said.

The Directorate General of Civil Aviation (DGCA) issued an advisory circular in 2023 for addressing signal interference in airspace and issued a standard operating procedure (SoP) on November 10 this year, after a spoofing episode in Delhi, for real-time reporting of GPS spoofing/GNSS interference events around IGI airport.

"The Airports Authority of India (AAI) has also requested the Wireless Monitoring Organization (WMO) to possibly identify the source of interference/spoofing," the minister stated.

"During a high-level meeting,

WMO was directed to mobilise more resources to identify the source of spoofing based on approximate spoofing location details shared by DGCA and AAI. After being mandated by DGCA to report instances of GPS jamming/spoofing since November 2023, regular reports are being received from other major airports in the country," he said.

Naidu said the minimum operating network consisting of conventional (ground-based) navigation and surveillance infrastructure is retained in accordance with the global best practices.

"India is participating in global platforms to keep itself abreast of the latest methodology and technology for timely implementation of the same," the minister said.



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THE INDIAN EXPRESS

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• INSTANCES OF GPS SPOOFING AND GNSS INTERFERENCE ON THE RISE IN RECENT MONTHS IN INDIA, SAY EXPERTS

GPS 'spoofing' hits flights, ministry looks to locate source

Sukalp Sharma
New Delhi, December 1

INCIDENTS OF GPS data manipulation, or GPS spoofing, affecting flights were reported in the vicinity of the Delhi airport recently. Also reports of spoofing and Global Navigation Satellite System (GNSS) interference were received from other Indian airports including Kolkata, Amritsar, Mumbai, Hyderabad, Bengaluru and Chennai, the government informed Parliament on Monday.

In a written statement in response to a question in the Rajya Sabha, Civil Aviation Minister K Rammoan Naidu said apart from the standard operat-

ing procedures issued by sector regulator Directorate General of Civil Aviation (DGCA) on real-time reporting of such incidents around the Delhi airport, the Airports Authority of India (AAI) has sought help from the Wireless Monitoring Organisation (WMO) to "possibly identify the source of interference/spoofing".

The WMO is an agency in the Wireless Planning and Coordination (WPC) Wing of the Ministry of Communications. It is involved in spectrum management and is the nodal agency for providing interference-free spectrum. The AAI oversees civil air navigation services in the Indian airspace.

E. EXPLAINED

Threat to aviation safety

Spoofing involves transmitting counterfeit signals to deceive location signals on aircraft, which could lead to computation of incorrect navigation data. Jamming usually involves overpowering satellite signals with radio interference. Such incidents — which pose a threat to safety — have been on the rise over the years, particularly near conflict zones.

Naidu did not elaborate on the time period during which these incidents occurred. GPS and GNSS spoofing and interference incidents have been on the rise in recent months in India, according to aviation sector insiders. November particularly saw a number of such incidents around the Delhi airport, it is learnt. Delhi houses India's largest airport — the Indra Gandhi International Airport — that has four runways.

"Some flights reported GPS spoofing in the vicinity of IGIA, New Delhi, while using GPS based landing procedures, while approaching on RWY 10 (Runway 10). Contingency procedures were used for GPS

spoofed flights approaching to RWY 10. There were no effects on movements of flights, on other runway ends having conventional navigational aids being operational," Naidu informed the Upper House.

"During the high-level meeting (on the issue), WMO was directed to mobilise more resources to identify the source of spoofing based on approximate spoofing location details shared by DGCA and AAI," Naidu said.

On spoofing and interference incidents at other Indian airports, Naidu said that after DGCA made it mandatory for such incidents to be reported in 2023, regular reports are being

received from major airports in India. "GNSS Interference Reports are being received from Kolkata, Amritsar, Mumbai, Hyderabad, Bangalore and Chennai airports," Naidu said.

Amid occurrences of GPS spoofing and GNSS interference around the Delhi airport, the DGCA on November 10 asked airlines, pilots, and air traffic controllers to report such incidents within 10 minutes "to maintain flight safety and operational integrity".

The minister said that global cybersecurity threats to the aviation sector are in the form of ransomware and malware, and the AAI is implementing cybersecurity solutions.



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THE PIONEER

DELHI

2 DECEMBER 2025

GPS spoofing near key airports, Govt admits

RAJESH KUMAR
New Delhi

The Union Government on Monday informed the Parliament of incidents of Global Positioning System (GPS) spoofing reported near major Indian airports. Acknowledging these cyberattacks for the first time, the Government added that the Wireless Monitoring Organisation (WMO) has been directed to identify the source of spoofing.

GPS spoofing refers to attempts to manipulate navigation systems by giving false signals. Responding to questions raised by MP S Niranjana Reddy, Union Civil Aviation Minister Ram Mohan Naidu Kinjarapusaid, "Some flights reported GPS spoofing in the vicinity of IGIA, New Delhi while using GPS based landing procedures, while approaching on RWY 10. Contingency procedures were used for GPS spoofed flights approaching to RWY 10. There were no effects on movements of flights, on other runway ends having conventional navigational aids being operational."

After being mandated by the Directorate General of Civil Aviation (DGCA) to report instances of GPS jamming/ spoofing since November 2023, regular reports are being received from other major airports in the country.

"GNSS interference reports are being received from Kolkata, Amritsar, Mumbai, Hyderabad, Bangalore and Chennai airports," the minister added. Last month, the Directorate General of Civil Aviation (DGCA) asked airlines, pilots and air traffic controllers to report GPS

spoofing incidents within 10 minutes of the occurrences, amid recent such incidents at the Delhi airport. The Standard Operating Procedures (SOP) require immediate reporting by pilots and air traffic controllers whenever abnormal GPS behaviour is detected.

The minister said India continues to maintain a Minimum Operating Network (MON) of conventional, ground-based navigation and surveillance systems in line with global best practices. These systems provide reliable backup when satellite-based navigation is disrupted.

The minister also highlighted broader cybersecurity threats to the aviation sector, including ransomware and malware targeting critical systems. To counter these risks, AAI is deploying advanced cybersecurity solutions across its IT networks and infrastructure. These upgrades are being carried out in accordance with guidelines issued by the National Critical Information Infrastructure Protection Centre (NCIIPC) and the Indian Computer Emergency Response Team (CERT-In).

This incident follows a separate system failure at the Delhi airport in November, which caused widespread delays and had also raised initial suspicions of a cyber attack. However, that incident was later attributed to a technical glitch in the Automatic Message Switching System (AMSS). The Ministry of Civil Aviation and related security agencies continue to monitor the situation to ensure the uninterrupted flow of air traffic.



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THE TIMES OF INDIA

CHENNAI

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AAI and railways on standby for emergency

Venkadesan.S@timesofindia.com

Both the Airports Authority of India and Southern Railway were prepared for emergencies as Cyclone Ditwah was expected to bring heavy rainfall to Chennai, along with gusty winds. However, nothing untoward occurred as anticipated.

Chennai airport authorities held a meeting with all stakeholders, including the airlines, on Saturday. They took all measures as per the technical instructions and SOPs in force, in coordination with the Air Traffic Management Directorate, to make decisions based on the



evolving weather conditions.

Amenities for passengers were made available at terminals, as arrival and departure of 11 international flights to Colombo were cancelled on Saturday.

On Sunday, Indigo cancelled one flight to and from Jaffna. Even as flights to other destinations like Delhi, Mumbai, Kolkata, Hyderabad, and Bengaluru were delayed up to three hours on Sunday, officials said that the delays were not due to weather but the airlines' operational constraints.

Southern Railway kept a close watch on the weather updates and made arrangements to ensure passenger safety and minimize damages to

trains and tracks. "In Chennai Division, monitoring is underway in flood-prone sections including Basin Bridge, Tondiarpet, Egmore, Tambaram, and Arakkonam," said an official.

Southern Railway set up emergency control cells at headquarters and divisions, with senior officials coordinating real-time responses. Across TN, track supervisors were posted at identified critical locations for continuous monitoring of water levels and wind speed, and to keep a vigil at vulnerable bridges, low-lying track sections, cuttings, and embankments. In total, 32 flights - 18 arrivals and 14 departure - were delayed.



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THE ASIAN AGE

DELHI

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■ Gets 'water-positive' status ■ 625 rain water-harvesting structures installed

IGI is India's first water-positive mega airport

AGE CORRESPONDENT
NEW DELHI, DEC. 1

Delhi's Indira Gandhi International Airport (IGIA) has become the country's first airport with a capacity of more than 40 million passengers per annum (MPPA) to achieve a "water-positive" status. This means the airport replenishes more water than it consumes and by harvesting rainwater, recycling wastewater, and minimising consumption, the airport significantly reduces

pressure on local water sources.

IGIA is already Asia's first airport in its category to achieve Level 5 Carbon Accreditation under Airports Council International's (ACI) Airport Carbon Accreditation programme.

GMR Aero led Delhi International Airport Limited (DIAL) on Monday said the IGI airport is known for its environmental protection and sustainability measures. The achievement was recognised at the Water

Innovation Summit 2025 where DIAL was felicitated for successfully achieving Scope-1 water neutrality under the Niti Aayog-CII water neutrality framework.

As part of water management and sustainability efforts, more than 625 rainwater-harvesting structures have been installed across the IGI airport.

Two newly commissioned underground reservoirs with a combined capacity of 9 million litres enable signifi-

cant rainwater capture and storage, DIAL said.

There is zero-liquid discharge as a 16.6 Million Litres per Day (MLD) Zero-Liquid Discharge Sewage Treatment Plant recycles 100 per cent of airport wastewater. Treated water is reused for Heating, Ventilation, and Air Conditioning (HVAC) systems, landscape irrigation, toilet flushing, and other non-potable applications.

DIAL officials said advanced systems such as sprinkler and drip irriga-

tion ensure efficient water use across landscaped areas and a state-of-the-art water treatment plant provides high-quality potable water to passengers with minimal wastage.

"Water positivity not only reduces our dependence on natural resources but also enhances our resilience and climate readiness, IGI is not just India's busiest airport; it is one of the greenest airports in the country," said Videh Kumar Jaipuria, CEO-DIAL.



Corporate Communications Directorate

AMAR UJALA

DELHI

2 DECEMBER 2025

सरकार ने माना, दिल्ली हवाईअड्डे पर जीपीएस सिग्नल से हुई थी छेड़छाड़ दिल्ली समेत सात एयरपोर्ट पर मिली है जीपीएस स्पूफिंग की शिकायत

नई दिल्ली। केंद्र सरकार ने दिल्ली हवाईअड्डे पर ग्लोबल पोजिशनिंग सिस्टम (जीपीएस) से छेड़छाड़ की बात संसद में मानी है। राज्यसभा में नागरिक उड्डयन मंत्री राम मोहन नायडू ने कहा, दिल्ली एयरपोर्ट पर विमानों के जीपीएस सिग्नल से छेड़छाड़ की गई थी। नायडू ने कहा, इंदिरा गांधी अंतरराष्ट्रीय हवाईअड्डे पर कुछ उड़ानों में स्पूफिंग की शिकायतें मिलीं, मगर इस घटना में कोई विमान प्रभावित नहीं हुआ। जीपीएस में छेड़छाड़ (स्पूफिंग) का असर दिखने के बाद पायलटों को तुरंत वैकल्पिक और पारंपरिक ग्राउंड-आधारित नेविगेशन प्रक्रियाओं का सहारा लेना पड़ा। हालांकि, पारंपरिक प्रणाली पर निर्भर विमानों को किसी प्रकार की समस्या नहीं हुई।

उन्होंने कहा, नागरिक उड्डयन महानिदेशालय

तकनीकी खराबी से 800 उड़ानें लेंट हुई थीं : दरअसल, 7 नवंबर को दिल्ली एयरपोर्ट के यातायात नियंत्रण प्रणाली में तकनीकी खराबी से 800 से अधिक उड़ानें प्रभावित हुई थीं। इसके कारण देशभर में हवाई यातायात पर असर पड़ा था क्योंकि दिल्ली से जाने वाली उड़ानें जितनी देर से उड़ रही थीं उतनी ही देर से दूसरी जगह पहुंच रही थीं।

(डीजीसीए) ने 24 नवंबर, 2023 को जीएनएसएस इंटरफेरेंस पर एडवाइजरी जारी की और जीपीएस जांमिंग/स्पूफिंग की अनिवाह्य रिपोर्टिंग का आदेश दिया था। इसके बाद से दिल्ली के अलावा कोलकाता, अमृतसर, मुंबई, हैदराबाद, बंगलूरू और चेन्नई एयरपोर्ट से भी ऐसे मामलों की नियमित रिपोर्ट आ रही हैं। चूंते

कॉमर्शियल फ्लाइट शुरू होने तक एयरपोर्ट पर तैयार होगा बस स्टॉप

फीडर बसें बस स्टॉप से एयरपोर्ट तक करेंगी ड्रॉप, बस स्टॉप पर इलेक्ट्रिक बसों का बनेगा चार्जिंग स्टेशन

यमुना सिटी। नोएडा अंतरराष्ट्रीय हवाई अड्डे पर कॉमर्शियल फ्लाइट शुरू होने तक बस स्टॉप शुरू करने की तैयारी है। एयरपोर्ट के विकास से फीडर बसें बस स्टॉप तक ड्रॉप करेंगी। इसके बाद अपने गंतव्य तक जाने के लिए संबंधित रूटों के लिए बसें मिल सकेंगी। बस स्टॉप पर इलेक्ट्रिक बसों के लिए चार्जिंग स्टेशन भी तैयार किया जा रहा है।

नोएडा अंतरराष्ट्रीय हवाई अड्डे पर जल्द ही उद्घाटन के कुछ दिन बाद कॉमर्शियल फ्लाइटों का संचालन किया जाना है। यात्रियों की सुविधा के लिए बस स्टॉप भी तैयार किया जा रहा है। बसों के आने-जाने के लिए रोड भी बनाकर तैयार कर दी गई है। रोड पर साइन बोर्ड भी लगा दिए गए हैं। इससे पूर्व नोएडा अंतरराष्ट्रीय एयरपोर्ट प्रबंधन का उत्तर प्रदेश परिवहन निगम, हरियाणा परिवहन निगम, उत्तराखंड परिवहन निगम समेत डीटीसी के साथ बसों के लिए करार हो चुका है। यात्रियों की सुविधा के लिए एयरपोर्ट पर बस स्टॉप बनाने का कार्य तेजी से किया जा रहा है। हवाई अड्डे पर कॉमर्शियल फ्लाइटों के संचालन के साथ-साथ इन परिवहन निगमों की बसों के



ग्रीनफील्ड एक्सप्रेसवे से उतरते ही स्टॉप से मिलेंगी बसें

बसों के आने-जाने के लिए ग्रीनफील्ड एक्सप्रेस-वे और उसके साथ एक अन्य सड़क का रुट दिया जा रहा है। ग्रीनफील्ड एक्सप्रेस-वे से उतरते ही गोलचक्कर से कुछ दूरी पर बस स्टॉप बनाया जा रहा है। ग्रीनफील्ड एक्सप्रेस-वे से इतर भी बसों के लिए एक अन्य रास्ता दिया जा रहा है। जो आगे चलकर 60 मीटर रोड से जुड़ेगा।

संचालन की भी तैयारी है। हवाई अड्डे पर आने और जाने वाले यात्रियों को इसी बस स्टॉप से बसें अपने गंतव्य के लिए मिल सकेंगी। वहीं, हवाई अड्डे पर उतरने वाले यात्रियों को फीडर बसों से इन बस स्टॉप तक छोड़ा जाएगा। इसके बाद

आज बकास सौपेगा हवाई अड्डे की जांच रिपोर्ट

यमुना सिटी। नोएडा अंतरराष्ट्रीय हवाई अड्डे पर ब्यूरो ऑफ सिविल एविएशन सिक्योरिटी (बकास) की टीम ने सोमवार को अपनी जांच पूरी कर ली। मंगलवार को बकास अपनी रिपोर्ट नागरिक उड्डयन महानिदेशालय (डीजीसीए) को सौपेगा। रिपोर्ट के आधार पर चार दिसंबर तक डीजीसीए एयरोड्रम लाइसेंस जारी कर सकता है। उत्तर प्रदेश समेत उत्तर भारत की बड़ी परियोजना में शामिल नोएडा अंतरराष्ट्रीय हवाई अड्डे को अब जल्द ही कॉमर्शियल फ्लाइट्स के लिए हरी झंडी मिलने वाली है। नवनिर्मित नोएडा एयरपोर्ट को चल रही सुरक्षा जांच सोमवार को पूरी हो गई। सुरक्षा जांच करने वाली एजेंसी ब्यूरो ऑफ सिविल एविएशन सिक्योरिटी ने बॉम कंटीजेंसी और हार्डनीक कंटीजेंसी समेत अन्य सुरक्षा जांच को हर पहलू पर परख लिया है। सुरक्षा जांच में देखा गया कि सभी तरह के संसाधन, सुरक्षा उपकरण, त्वरित प्रतिक्रिया सुरक्षा बल मौजूद हैं। लगभग 15 दिनों की चल रही सुरक्षा जांच में यह भी देखा गया कि यात्रियों की जांच, लगेज की जांच करने वाले उपकरण विश्वस्तरीय मानकों के अनुसार कार्य कर रहे हैं। बकास ने अपनी रिपोर्ट तैयार कर ली है।

यात्री अपने गंतव्य के अनुसार बसों से जा सकेंगे। हवाई अड्डे पर ईको फ्रेंडली वातावरण देने के लिए अधिकतर इलेक्ट्रिक बसों के आवागमन की योजना है। इसके लिए बस स्टॉप के नजदीक ही इलेक्ट्रिक बसों के लिए चार्जिंग स्टेशन तैयार किया जा रहा है।



Corporate Communications Directorate

AMAR UJALA

DELHI

2 DECEMBER 2025

एयरपोर्ट के साथ ही सेमीकंडक्टर प्लांट का हो सकता है शिलान्यास

ग्रेटर नोएडा। नोएडा इंटरनेशनल एयरपोर्ट के साथ ही देश के छठे सेमी कंडक्टर प्लांट का शुभारंभ भी यमुना सिटी में हो सकता है। इसके लिए एचसीएल और फॉक्सकॉन की संयुक्त उपक्रम वामासुंदरी कंपनी को जमीन आवंटन की प्रक्रिया यमुना प्राधिकरण पूरी कर रहा है। पिछले दिनों कैबिनेट से कंपनी से जुड़े एक प्रस्ताव को मंजूरी मिलने के बाद आवंटन नई जगह पर होना तय हो गया था।

प्राधिकरण के एक अधिकारी के मुताबिक पूर्व में सेक्टर-10 में सेमीकंडक्टर प्लांट के लिए जमीन दी जानी थी। करीब 48 एकड़ जमीन की आवश्यकता प्लांट के लिए कंपनी को है। सेक्टर-10 में जमीन की उपलब्धता में तकनीकी दिक्कत की वजह से कंपनी को सेक्टर-28 में जमीन प्रस्तावित की गई। इससे जमीन की लागत में करीब 75 करोड़ रुपये की बढ़ोतरी हुई।

यूपी कैबिनेट ने कंपनी को राहत देते हुए इस लागत का 75 प्रतिशत सब्सिडी के रूप में देने का फस्ता पिछले महीने लिया था। इसके साथ ही स्टॉप ड्यूटी में भी 100 प्रतिशत छूट कंपनी को दी जा रही है। केंद्र सरकार भी सेमी कंडक्टर निर्माण में देश को आत्मनिर्भर बनाने के लिए कंपनी को अलग से लाभ दे रही है।

अधिकारियों का कहना है कि सेमी कंडक्टर का निर्माण प्रधानमंत्री नरेंद्र मोदी की महत्वाकांक्षी परियोजनाओं में

कंपनी को जमीन आवंटन की प्रक्रिया पूरी कर रहा प्राधिकरण

3700 करोड़ रुपये का होना निवेश

इस सेमी कंडक्टर प्लांट में भारतीय कंपनी एचसीएल और ताइवान की फॉक्सकॉन को संयुक्त रूप से काम करना है। इसके लिए 3700 करोड़ रुपये का निवेश प्रस्तावित है। कंपनियों की योजना है कि 2027 तक यहां उत्पादन शुरू किया जाए। प्रस्ताव के मुताबिक रोजाना करीब 20 हजार वेफर्स प्लांट पर बनेंगे। इनका उपयोग सेमी कंडक्टर चिप के अलावा मोबाइल, टीवी, कंप्यूटर आदि के मॉनिटर डिस्पले संचालन की तकनीक में उपयोग होने वाली चिप बनाने में उपयोग होगा।

से एक है। पिछले दिनों यूपी इंटरनेशनल ट्रेड शो के दौरान प्रधानमंत्री ने खुद मंच से इस प्लांट के जल्दी शुरू होने की बात कही थी। अब सरकार की तरफ से निर्देश है कि नोएडा एयरपोर्ट के लोकार्पण के साथ ही सेमी कंडक्टर प्लांट का शिलान्यास भी कराया जाए। इससे पहले कंपनी को जमीन का आवंटन किया जाना जरूरी होगा। एयरपोर्ट के लोकार्पण को नजदीक देखते हुए सेमी कंडक्टर प्लांट के लिए जमीन के आवंटन की प्रक्रिया को इसीलिए तेज कर दिया गया है। इसी सप्ताह आवंटन पत्र कंपनी को जारी किए जाने का प्रयास योडा के अधिकारियों कर रहे हैं।

जीपीएस स्पूफिंग • वायरलेस मॉनिटरिंग ऑर्गनाइजेशन कर रहा जांच सरकार ने माना - सात एयरपोर्ट पर फेक GPS सिग्नल पायलट्स को भेजे गए थे

भास्कर न्यूज़ | नई दिल्ली

दिल्ली के इंदिरा गांधी इंटरनेशनल एयरपोर्ट पर बीते 7 नवंबर को जीपीएस स्पूफिंग हुई थी यानी किसी ने जीपीएस सिग्नल के साथ छेड़छाड़ की गई थी। इसी वजह से एयरपोर्ट के रनवे 10 पर जीपीएस आधारित लैंडिंग के दौरान कुछ फ्लाइट्स के पायलट को गंभीर परेशानियों का सामना करना पड़ा था। यह बात सोमवार को नागरिक उड्डयन मंत्री के. राममोहन नायडू ने राज्यसभा में बताई। एक सवाल का जवाब देते हुए उन्होंने बताया कि स्पूफिंग और इंटरफेरेंस की घटनाएं दिल्ली के अलावा कोलकाता, अमृतसर, मुंबई, हैदराबाद, बेंगलुरु, चेन्नई एयरपोर्ट्स पर भी हुई थीं। सरकार ने इनकी जांच के लिए वायरलेस मॉनिटरिंग ऑर्गनाइजेशन को स्पूफिंग के स्रोत की पहचान करने को कहा है। यह ऑर्गनाइजेशन दूरसंचार मंत्रालय के अधीन काम करता है।

बता दें कि स्पूफिंग के कारण पायलट्स को मैनअल प्रक्रिया से विमान टेक ऑफ और लैंड कराने पड़े थे। इससे करीब 800 उड़ानें प्रभावित हुई थीं। किसी ने जीपीएस के फेक सिग्नल भेजकर पायलट्स को भ्रमित किया था। उनके विमान की स्क्रीन पर रनवे की जगह हरियाणा के खेत दिखाए जा रहे थे। जीपीएस सिग्नल से पता चलता है कि विमान किस ऊंचाई पर है, किस गति से उड़ रहा है। जब स्पूफिंग हुई तो पायलटों को पता नहीं चल रहा था कि विमान कितनी ऊंचाई पर है।



भास्कर इनसाइट

स्वदेशी नेविगेशन सिस्टम 'नाविक' के 11 में से अभी 4 उपग्रह ही काम कर रहे

- अभी हम अमेरिकी जीपीएस का उपयोग कर रहे हैं। अमेरिका में ओपन सोर्स से उपकरण खरीदकर कोई भी इसके जरिए फेक जीपीएस सिग्नल भेज सकता है।
- इन सिग्नल की प्रामाणिकता जांचना मुश्किल है। संभव है कि फेक सिग्नल लोकल हो।
- ऐसी घटनाएं रोकने के लिए ही भारत ने स्वदेशी नेविगेशन सिस्टम 'नाविक' बनाया है, जो 11 उपग्रहों से चलता है। लेकिन, आज नाविक के 4 उपग्रह ही काम कर रहे हैं।



- इनमें से भी एक की लाइफ दिसंबर में पूरी हो रही, जो 10 साल की होती है। 6 सैटेलाइट की परमाणु घड़ी खराब है। फरवरी 2025 में छोड़ा गया इसका एक उपग्रह खराब हो गया था। यानी अब कुल 3 उपग्रह ही काम कर रहे हैं।

आगे क्या: 10 मिनट में देनी होगी स्पूफिंग की जानकारी

- डीजीसीए ने सभी एयरलाइंस, पायलट्स और एयर ट्रेफिक कंट्रोलर्स को निर्देश दिए हैं कि किसी भी जीपीएस स्पूफिंग की घटना की जानकारी 10 मिनट के भीतर दें।
- एयरपोर्ट अथॉरिटी ऑफ इंडिया ने आईटी नेटवर्क और इन्फ्रास्ट्रक्चर के लिए एडवांस्ड साइबर सिक्योरिटी सॉल्यूशंस लागू किए हैं। जैसे-जैसे खतरे बदलेंगे, वैसे-वैसे सुरक्षा उपाय भी अपग्रेड होंगे।
- देश में पारंपरिक ग्राउंड बेस्ड नेविगेशन और सर्विलांस सिस्टम बना रहेगा, ताकि किसी गड़बड़ी में वैकल्पिक व्यवस्था बनी रहे।

‘दिल्ली समेत सात हवाई अड्डों पर हुई जीपीएस स्फूफिंग’

नई दिल्ली, प्रेटर: सरकार ने देश के प्रमुख हवाई अड्डों पर बढ़ रही जीपीएस स्फूफिंग और इंटरफेरेंस की घटनाओं को गंभीरता से लेते हुए वायरलेस मानिट्रिंग आर्गनाइजेशन (डब्ल्यूएमओ) को तत्काल स्रोत की पहचान करने का निर्देश दिया है। डब्ल्यूएमओ दूरसंचार विभाग के अंतर्गत कार्य करता है। यह जानकारी नागरिक उड्डयन मंत्री के. राममोहन नायडू ने सोमवार को राज्यसभा में दी।

मंत्री ने बताया कि दिल्ली, मुंबई, कोलकाता, अमृतसर, हैदराबाद, बेंगलुरु और चेन्नई हवाई अड्डों पर ऐसी घटनाओं की रिपोर्ट मिली हैं। दिल्ली के इंदिरा गांधी अंतरराष्ट्रीय हवाई अड्डे पर रनवे-10 के पास कुछ विमानों को जीपीएस-आधारित लैंडिंग के दौरान गलत सिग्नल मिले, हालांकि वैकल्पिक प्रक्रियाओं का उपयोग कर सुरक्षित संचालन सुनिश्चित किया गया। अन्य रनवे, जहां पारंपरिक नेविगेशन एड्स



- नागरिक उड्डयन मंत्री के राममोहन नायडू ने राज्यसभा में कहा, स्रोत का पता लगा रहा डब्ल्यूएमओ
- दिल्ली, मुंबई, कोलकाता, अमृतसर, हैदराबाद, बेंगलुरु और चेन्नई हवाई अड्डों पर हुई घटनाएं

उपलब्ध थे, प्रभावित नहीं हुए।

एएआइ ने देशभर के एयरपोर्ट्स पर कम्युनिकेशन, नेविगेशन और सर्विलांस (सीएनएस) सिस्टम का ऑडिट शुरू किया है। पिछले महीने सात नवंबर को दिल्ली एयरपोर्ट पर आटोमैटिक मैसेज स्विचिंग सिस्टम (एएमएसएस) में तकनीकी समस्या आने से सैकड़ों उड़ानों में देरी और रद्दीकरण हुआ था। राज्यसभा में

क्या होती है जीपीएस स्फूफिंग?

ग्लोबल पोजिशनिंग सिस्टम (जीपीएस) सिग्नल में जब कोई छेड़छाड़ की जाती है तो उसे स्फूफिंग कहा जाता है। स्फूफिंग में गलत लोकेशन सिग्नल भेजकर असली नेविगेशन डाटा को बदल दिया जाता है। इस कारण विमान को लगता है कि वह किसी दूसरी जगह है। हालांकि, वह हकीकत में अपनी असल जगह से कई किलोमीटर दूर होता है। जैमिंग से अलग स्फूफिंग में सिग्नल को पूरी तरह ब्लाक नहीं किया जाता है। जीपीएस स्फूफिंग के कारण कई बार आधुनिक नेविगेशन सिस्टम निष्क्रिय हो जाते हैं। इस कारण प्रशिक्षित पायलट भी आसमान में रनवे को ढूँढते रहते हैं, जिसके चलते यात्रियों को सुरक्षित उतारने के लिए या तो फ्लाइट को डाइवर्ट कर दिया जाता है या लंबा इंतजार करना पड़ता है।

नागरिक उड्डयन मंत्री मुरलीधर मोहोले ने बताया कि छह नवंबर को एटीएस संदेशों की प्रोसेसिंग में ‘हार्ड लेटेंसी’ देखी गई, जिसने अगले दिन परिचालन को प्रभावित किया।

15 हवाई अड्डे अस्थायी तौर पर बंद: मंत्री मोहोले ने बताया कि कम यात्री संख्या, खराब दृश्यता, विमानों की कमी, दिन में रनवे बंद होने जैसी वजहों से देश के 15 हवाई

अड्डों को अस्थायी तौर पर बंद किया गया है। इनमें पठानकोट, पेक्वांग, कुशीनगर, अलीगढ़, आजमगढ़, चित्रकूट, श्रावस्ती, मुरादाबाद, भावनगर, अंबिकापुर, राउरकेला, लुधियाना, दतिया, कलबुर्गी और शिमला हवाई अड्डे शामिल हैं। साथ ही उन्होंने कहा कि अहमदाबाद विमान हादसे की जांच अभी जारी है।

आइजीआई एयरपोर्ट बना देश का पहला वाटर पाजिटिव हवाई अड्डा

जागरण संवाददाता, नई दिल्ली : आइजीआई एयरपोर्ट देश का पहला ऐसा एयरपोर्ट बन गया है जिसे पर्यावरण अनुकूल होने के कारण वाटर पाजिटिव का दर्जा दिया गया है। आसान शब्दों में कहें तो वाटर पाजिटिव से आशय है कि आइजीआई एयरपोर्ट जितना पानी इस्तेमाल करता है, उससे कहीं ज्यादा पानी प्रकृति को वापस लौटा देता है। हाल ही में वाटर इनोवेशन समिट 2025 में एयरपोर्ट संचालन एजेंसी डायल को इस उपलब्धि के लिए औपचारिक रूप से सम्मानित किया गया।

डायल के अनुसार, वर्षा जल को सहेजना, अपशिष्ट जल को पूरी



इंदिरा गांधी अंतरराष्ट्रीय हवाई अड्डा, टर्मिनल वन

तरह रिसाइकिल करना और खपत को न्यूनतम रखना, ये तीनों मिलकर स्थानीय जल स्रोतों पर दबाव को काफी कम कर रहे हैं। आइजीआई एयरपोर्ट का यह मॉडल अब दुनिया

भर के एयरपोर्ट, औद्योगिक क्षेत्रों और बड़े शहरी परिसरों के लिए एक उदाहरण बन गया है। वाटर पाजिटिव स्टेटस, कार्बन न्यूट्रल की दिशा में तेज प्रगति, रिन्यूएबल

- आइजीआई एयरपोर्ट जितना पानी इस्तेमाल करता है, उससे अधिक प्रकृति को लौटा देता है
- वाटर इनोवेशन समिट में डायल को मिला सम्मान

एनर्जी, कन्वर्जन, कचरा प्रबंधन और सामाजिक प्रभाव कार्यक्रम, ये सभी मिलकर आइजीआई को भविष्य के लिए जलवायु सहनशील और सस्टेनेबल एविएशन में अग्रणी बनाते हैं। आइजीआई एयरपोर्ट की यात्री क्षमता प्रति वर्ष चार करोड़ से ज्यादा है। डायल के मुख्य कार्यकारी अधिकारी विदेह कुमार जयपुरियार का कहना है कि वाटर पाजिटिव बनना प्राकृतिक संसाधनों का जिम्मेदार तरीके से इस्तेमाल करना और पर्यावरण प्रबंधन के नजरिए से भविष्य में विमानन क्षेत्र की आधारभूत संरचना के प्रति गहरी प्रतिबद्धता को दर्शाता है। यह उपलब्धि आइजीआई को

शून्य उत्सर्जन के रूप में दीर्घावधि के लिए अपनी स्थिति को मजबूत करने की दिशा में बड़ा कदम है। आज यह एयरपोर्ट सिर्फ भारत का सबसे व्यस्त एयरपोर्ट ही नहीं, बल्कि देश का सबसे ग्रीन एयरपोर्ट भी है। इससे पहले आइजीआई एयरपोर्ट को एयरपोर्ट्स काउंसिल इंटरनेशनल के कार्बन एफ़ेक्टिवेशन प्रोग्राम में लेवल-5 का दर्जा भी मिल चुका है। जल संकट वाले क्षेत्र में स्थित होने के बावजूद आइजीआई एयरपोर्ट ने साबित कर दिखाया है कि बड़ी क्षमता वाले हवाई अड्डे भी टिकाऊ जल प्रबंधन को बड़े पैमाने पर लागू कर सकते हैं।

सात हवाई अड्डों पर हुई जीपीएस स्पूफिंग की घटनाएं

नई दिल्ली, प्रेस: सरकार ने देश के प्रमुख हवाई अड्डों पर बढ़ रही जीपीएस स्पूफिंग और इंटरफेरेंस की घटनाओं को गंभीरता से लेते हुए वायरलेस मॉनिटरिंग आर्गनाइजेशन (डब्ल्यूएमओ) को तत्काल स्रोत की पहचान करने का निर्देश दिया है। डब्ल्यूएमओ दूरसंचार विभाग के अंतर्गत कार्य करता है। यह जानकारी नागरिक उड्डयन मंत्री के. राममोहन नायडू ने सोमवार को राज्यसभा में दी।

मंत्री ने बताया कि दिल्ली, मुंबई, कोलकाता, अमृतसर, हैदराबाद, बेंगलुरु और चेन्नई हवाई अड्डों पर ऐसी घटनाओं की रिपोर्टें मिली हैं। दिल्ली के इंदिरा गांधी अंतरराष्ट्रीय हवाई अड्डे पर रनवे-10 के पास कुछ विमानों को जीपीएस-आधारित लैंडिंग के दौरान गलत सिग्नल मिले, हालांकि वैकल्पिक प्रक्रियाओं का उपयोग कर

नागरिक उड्डयन मंत्री के. राममोहन नायडू ने राज्यसभा में कहा, स्रोत का पता लगा रहा डब्ल्यूएमओ



के. राममोहन नायडू।

दिल्ली, मुंबई, कोलकाता, अमृतसर, हैदराबाद, बेंगलुरु, चेन्नई हवाई अड्डों पर हुई घटनाएं

सुरक्षित संचालन सुनिश्चित किया गया। डब्ल्यूएमओ को अधिक संसाधन जुटाकर स्पूफिंग के संभावित स्रोतों की पहचान करने को कहा गया है।

दिल्ली एयरपोर्ट गड़बड़ी के बाद सभी उपकरणों का आडिट

क्या होती है जीपीएस स्पूफिंग?

ग्लोबल पोजिशनिंग सिस्टम (जीपीएस) सिग्नल में जब कोई छेड़छाड़ की जाती है तो उसे स्पूफिंग कहा जाता है। स्पूफिंग में गलत लोकेशन सिग्नल भेजकर असली नेविगेशन डाटा को बदल दिया जाता है। इस कारण विमान को लगता है कि वह किसी दूसरी जगह है। हालांकि, वह हकीकत में अपनी असल जगह से कई किलोमीटर दूर होता है। जैमिंग से अलग स्पूफिंग में सिग्नल को पूरी तरह ब्लाक नहीं किया जाता है। जीपीएस स्पूफिंग के कारण कई बार आधुनिक नेविगेशन सिस्टम निष्क्रिय हो जाते हैं। इसके चलते यात्रियों को सुरक्षित उतारने के लिए या तो पलाइट को डायवर्ट कर दिया जाता है या लंबा इंतजार करना पड़ता है।



Corporate Communications Directorate

RS DAINIK JAGRAN

DELHI

2 DECEMBER 2025

आइजीआइ एयरपोर्ट बना देश का पहला वाटर पाजिटिव एयरपोर्ट

जागरण संवाददाता, नई दिल्ली

आइजीआइ एयरपोर्ट देश का पहला ऐसा एयरपोर्ट बन गया है जिसे पर्यावरण अनुकूल होने के कारण वाटर पाजिटिव (जल सकारात्मक) का दर्जा दिया गया है। आसान शब्दों में कहें तो वाटर पाजिटिव से आशय है कि आइजीआइ एयरपोर्ट जितना पानी इस्तेमाल करता है, उससे कहीं ज्यादा पानी प्रकृति को लौटा देता है। हाल ही में वाटर इनोवेशन समिट 2025 में एयरपोर्ट संचालन एजेंसी डायल को इस उपलब्धि के लिए औपचारिक रूप से सम्मानित किया गया।

डायल के अनुसार, वर्षा जल को सहेजना, अपशिष्ट जल को पूरी तरह रिसाइकिल करना और खपत को न्यूनतम रखना, ये तीनों मिलकर स्थानीय जल स्रोतों पर दबाव को काफी कम कर रहे हैं। आइजीआइ एयरपोर्ट का यह मॉडल अब दुनियाभर के एयरपोर्ट, औद्योगिक क्षेत्रों और बड़े शहरी परिसरों के लिए एक उदाहरण बन गया है। वाटर पाजिटिव

आइजीआइ एयरपोर्ट जितना पानी इस्तेमाल करता है, उससे कहीं ज्यादा पानी प्रकृति को लौटा देता है

वाटर इनोवेशन समिट 2025 के दौरान एयरपोर्ट संचालन एजेंसी डायल को इस उपलब्धि के लिए किया गया सम्मानित



हवाई अड्डा ने हासिल की नई उपलब्धि। फाइल

स्टेटस, कार्बन न्यूट्रल की दिशा में तेज प्रगति, रिन्यूएबल एनर्जी, कन्वर्जन, कचरा प्रबंधन और सामाजिक प्रभाव कार्यक्रम, ये सभी मिलकर आइजीआइ को भविष्य के लिए जलवायु सहनशील

और सस्टेनेबल एविएशन में अग्रणी बनाते हैं। आइजीआइ एयरपोर्ट की यात्री क्षमता प्रति वर्ष चार करोड़ से ज्यादा है।

डायल के मुख्य कार्यकारी अधिकारी विदेह कुमार जयपुरियार का कहना है कि वाटर पाजिटिव बनना प्राकृतिक संसाधनों का जिम्मेदार तरीके से इस्तेमाल करना और पर्यावरण प्रबंधन के नजरिए से भविष्य में विमानन क्षेत्र की आधारभूत संरचना के प्रति गहरी प्रतिबद्धता को दर्शाता है। यह उपलब्धि आइजीआइ को शून्य उत्सर्जन के रूप में दीर्घावधि के लिए अपनी स्थिति को मजबूत करने की दिशा में बड़ा कदम है। इससे पहले आइजीआइ एयरपोर्ट को एयरपोर्ट्स काउंसिल इंटरनेशनल के कार्बन फ्रेडिडेशन प्रोग्राम में लेवल-5 का दर्जा भी मिल चुका है। जल संकट वाले क्षेत्र में स्थित होने के बावजूद आइजीआइ एयरपोर्ट ने साबित कर दिखाया है कि बड़ी क्षमता वाले हवाई अड्डे भी टिकाऊ जल प्रबंधन को बड़े पैमाने पर लागू कर सकते हैं।



Corporate Communications Directorate

RS DAINIK JAGRAN

DELHI

2 DECEMBER 2025

दिल्ली एयरपोर्ट गड़वड़ी के बाद सभी उपकरणों का आडिट

प्रथम पृष्ठ से आगे

एयरपोर्ट अथारिटी आफ इंडिया (एएआइ) ने देशभर के एयरपोर्ट्स पर कम्युनिकेशन, नेविगेशन और सर्विलांस (सीएनएस) सिस्टम का आडिट शुरू किया है। पिछले महीने सात नवंबर को दिल्ली एयरपोर्ट पर आटोमैटिक मैसेज स्विचिंग सिस्टम (एएमएसएस) में तकनीकी समस्या आने से सैकड़ों उड़ानों में देरी और रद्दीकरण हुआ था। राज्यसभा में नागरिक उड्डयन मंत्री मुरलीधर मोहोत ने बताया कि छह नवंबर को सुबह 11 बजे एटीएस संदेशों की प्रोसेसिंग में 'हाई लेटेंसी' देखी गई, जिसने अगले दिन परिचालन को प्रभावित किया।



Corporate Communications Directorate

THE FINANCIAL EXPRESS

DELHI

2 DECEMBER 2025

Navi Mumbai Airport conducts passenger trial



NAVI MUMBAI
INTERNATIONAL
Airport (NMIA)

completed its first full-scale integrated passenger trial on 29 and 30 November, paving the way for opening its doors to the public. This exercise marks a major step in preparations for the commencement of commercial flights from December 25.

Bhogapuram airport to conduct test flight in December

METRO INDIA NEWS | AMARAVATI

The long-cherished dream of the people of Uttarandhra is on the verge of becoming reality, with construction of the Bhogapuram International Airport progressing at a rapid pace. Officials confirmed that 92% of the project works have been completed, and preparations are underway to conduct the first test flight in the last week of December or the first week of January.

Since assuming charge as Union Minister of Civil Aviation, K.Ram Mohan Naidu has overseen the project with exceptional urgency. He has been personally reviewing the construction every 15 days, pushing agencies to meet the deadline and operationalize the airport at the earliest.

One of the highlights of the project is its 3.8-kilometre runway, set to become one of the longest runways in the country. Nearly 99% of runway work is complete. The terminal building has



reached 90% completion, while the Air Traffic Control (ATC) tower stands at 72%.

Designed with themes that reflect the culture and traditions of Uttarandhra, the airport's interiors aim to showcase the region's heritage. The facility is being constructed by GMR Group, with 5,050 workers and engineers working round the clock in

Matsyapuri near Bhogapuram.

The project was originally initiated as part of the Andhra Pradesh Reorganisation Act commitments, with former Chief Minister N. Chandrababu Naidu laying the foundation stone in 2019. However, the work slowed down considerably during the previous YSRCP govern-

ment. After the coalition government took charge in 2024, construction regained momentum. Chief Minister Chandrababu Naidu has officially decided to name the airport after freedom fighter Alluri Sitarama Raju.

Proposals are also underway for a dedicated connectivity corridor from Visakhapatnam Port to Mu-

Set to take off

92% of the project works completed

- 3.8-kilometre runway, set to become one of the longest runways in the country
- 5,050 workers and engineers working round the clock
- Airport to be named after freedom fighter Alluri Sitarama Raju

lapeta Port, along with a Visakhapatnam-Bhogapuram metro rail link, to improve access and boost traffic to the upcoming airport.

Once operational, the Bhogapuram International Airport is expected to become a major catalyst for the tourism and industrial growth of the Uttarandhra region, significantly enhancing its global connectivity.



Corporate Communications Directorate

FREE PRESS JOURNAL

MUMBAI

1 DECEMBER 2025

Chennai airport restores flights after Ditwah blow

HD Bureau
CHENNAI

Flight operations at the Chennai International Airport have resumed for most routes after Cyclone Ditwah weakened, though two flights bound for Jaffna International Airport remain cancelled for the day. Airlines restarted services to destinations such as Thoothukudi, Madurai and Tiruchirappalli, which bore the brunt of yesterday's disruptions. Smaller regional turboprop aircraft of the IndiGo fleet — grounded as a safety precaution — have also returned to operation.

Chennai Airport authorities had cancelled a total of 54 flights across multiple sectors when Ditwah approached the Tamil Nadu coast, citing strong winds and heavy rainfall forecasts by the India Meteorological Department. The cancellations affected travel across states and also disrupted connections with Sri Lanka, including flights via Jaffna and Colombo.

Authorities pointed out that ATR-type aircraft are more vulnerable to cyclonic wind conditions than larger jets, justifying the widespread grounding of regional services. That decision ca-

used major short-haul network disruptions, with dozens of flights between Chennai and cities like Madurai, Tuticorin, Trichy, Bengaluru and Hyderabad suspended.

The decline in rainfall in-

The IMD has issued warnings for heavy rain and gusty winds, prompting local administrations to keep emergency measures in place.

tensity and easing wind speeds over the coast enabled airport operations to resume. However, officials cautioned travellers to reconfirm flight schedules with their airlines before travelling, as minor delays or adjustments remain possible.

While air travel has largely been restored, many coastal and inland districts continue to face weather alerts. The IMD has issued warnings for heavy rain and gusty winds, prompting local administrations to keep emergency measures in place.

Hundreds of travellers stranded overseas — particularly in Colombo and other Sri Lanka

airports — continue to grapple with uncertainty over flight rescheduling, especially those whose itineraries involve connecting flights through Chennai. Governments and airlines are coordinating logistic support for their safe return.

Passengers affected by yesterday's cancellations express frustration at sudden changes to their plans, with some describing long waits and inadequate accommodation arrangements at transit points. Airlines and airport authorities acknowledge the disruption but defend the decision as essential to ensure safety under volatile weather conditions.



Corporate Communications Directorate

HINDUSTAN

DELHI

2 DECEMBER 2025

दिल्ली समेत सात हवाईअड्डों पर हुई थी जीपीएस सिग्नल से छेड़छाड़

नई दिल्ली, विशेष संवाददाता। केंद्र सरकार ने स्वीकार किया कि दिल्ली समेत सात हवाईअड्डों पर ग्लोबल नेविगेशन सैटेलाइट सिस्टम (जीपीएस) के सिग्नल से छेड़छाड़ की घटनाएं सामने आई हैं। सरकार ने राज्यसभा में सोमवार को बताया कि छह नवंबर को जीपीएस सिग्नल में असामान्य बाधा देखी गई।

केंद्रीय उड्डयन मंत्री राम मोहन नायडू ने बताया, आईजीआई एयरपोर्ट के रनवे-10 पर कुछ उड़ानों ने जीपीएस आधारित लैंडिंग के दौरान स्पूफिंग की शिकायत की। अन्य रनवे पर पारंपरिक नेविगेशन सिस्टम के चलते संचालन पर गंभीर असर नहीं पड़ा।

वहीं, नागरिक उड्डयन राज्य मंत्री मुरलीधर मोहोले ने बताया कि छह

जीपीएस स्पूफिंग क्या है

जीपीएस स्पूफिंग एक किस्म का साइबर हमला है। इसमें नकली सिग्नल भेजकर भ्रमित किया जाता है। विमान के मामले में इसके जरिये गलत लोकेशन, दिशा या गति दिखाई जाती है।



सिग्नल से छेड़छाड़ के खतरे

विमानों के जीपीएस सिग्नल में छेड़छाड़ से विमान की स्थिति जैसे ऊंचाई, गति के बारे में गलत जानकारी मिल सकती है। इससे विमान मार्ग से भटक सकता है। दूसरे विमान से टकरा सकता है या किसी संवेदनशील क्षेत्र में जा सकता है।

नवंबर को सुबह 11 बजे एयरपोर्ट की स्वचालित यातायात प्रबंधन प्रणाली की संदेश प्रक्रिया में समस्या आई। इससे संदेशों के आदान-प्रदान, विमान की उड़ान योजना और वायु रक्षा अनुमति देने जैसे कामों में देरी हुई। इसके कारण उड़ानें प्रभावित रहीं।

डीजीसीए ने अब जीपीएस स्पूफिंग

की रिपोर्टिंग अनिवार्य कर दी। इसके बाद मुंबई, कोलकाता, अमृतसर, हैदराबाद, बेंगलुरु, चेन्नई एयरपोर्ट से भी ऐसी शिकायतें मिली हैं। नवंबर 2023 से फरवरी 2025 तक अमृतसर और जम्मू एयरपोर्ट पर 465 ऐसे मामले दर्ज किए गए थे।

▶ जांच जारी P13



Corporate Communications Directorate

HINDUSTAN

DELHI

2 DECEMBER 2025

एयरपोर्ट पर उपकरणों की जांच पूरी



ग्रेटर नोएडा, वरिष्ठ संवाददाता। नोएडा इंटरनेशनल एयरपोर्ट से 15 दिसंबर से पहले उड़ाने शुरू करने की तैयारी है। सोमवार को नागरिक उड्डयन सुरक्षा ब्यूरो (बकास) की टीम ने सुरक्षा उपकरणों की जांच पूरी कर

- डीजीसीए को जल्द ही रिपोर्ट सौंपी जाएगी
- एयरोड्रम लाइसेंस चार तक मिलने की संभावना

रिपोर्ट तैयार कर ली। इसे दो दिसंबर तक नागरिक उड्डयन महानिदेशालय (डीजीसीए) को सौंपने की तैयारी है। नोएडा इंटरनेशनल एयरपोर्ट लिमिटेड (नायल) के नोडल अधिकारी शैलेंद्र भाटिया ने बताया कि

बकास की समिति ने पूर्व में दो दिनों तक एयरपोर्ट पर सुरक्षा उपकरणों की जांच की थी, लेकिन कुछ खामी मिलने पर सोमवार को दोबारा से उपकरणों को परखा गया। टीम ने स्क्रीनिंग सिस्टम, सीसीटीवी कैमरे, प्रवेश-नियंत्रण पॉइंट और बाहरी सुरक्षा घेरा से लेकर आतंकी घटनाओं को रोकने वाले उपकरणों को परखकर रिपोर्ट तैयार कर ली है। रिपोर्ट के आधार पर डीजीसीए एयरोड्रम लाइसेंस जारी करेगा, इसके लिए चार दिसंबर की तिथि तय की गई है।

जीएनएसएस सिग्नल में गड़बड़ियों की जांच कर रही एजेंसियां: केंद्र

निगरानी

नई दिल्ली, विशेष संवाददाता। केंद्र सरकार ने कहा कि सिग्नलों में गड़बड़ी के बाद केंद्रीय एजेंसियों ने जांच शुरू कर दी है। एयरपोर्ट प्राधिकरण ने पुराने आईपी आधारित ऑटोमैटिक मैसेज स्विचिंग सिस्टम को हटाकर नई एएमएचएस व्यवस्था लागू करने की प्रक्रिया शुरू की है।

स्पूफिंग के स्रोत का पता लगाने की कोशिश: केंद्रीय उड्डयन मंत्री राम मोहन नायडू ने कहा कि एएआई ने वायरलेस मॉनिटरिंग ऑर्गनाइजेशन से स्पूफिंग के स्रोत की पहचान करने के लिए कहा है। डीजीसीए और एएआई द्वारा चिन्हित संभावित स्थानों

डीजीसीए ने जारी किए निर्देश

डीजीसीए ने निर्देश जारी कर एयरलाइंस, पायलटों और एटीसी को निर्देश दिया गया है कि जीपीएस स्पूफिंग की कोई भी घटना 10 मिनट के भीतर रिपोर्ट की जाए।

के आधार पर जांच और संसाधन बढ़ाने के निर्देश दिए गए हैं।

सुरक्षा मजबूत करने के प्रयास: सरकार ने बताया कि देश में ग्राउंड-आधारित नेविगेशन और सर्विलांस नेटवर्क बनाए रखा गया है। एएआई ने साइबर सुरक्षा को और उन्नत किया है, ताकि रेनसमवेयर और मैलवेयर जैसे खतरों का सामना किया जा सके।

- हवाईअड्डों पर विमानों को जीपीएस स्पूफिंग की समस्या का सामना करना पड़ा
- छह नवंबर को दिल्ली एयरपोर्ट के रनवे-10 के पास सिग्नल में समस्या आई थी

क्या यह साइबर हमला है: सरकार ने साइबर अटैक की पुष्टि नहीं की है, लेकिन सभी पहलुओं को लेकर जांच जारी है। विशेषज्ञों के अनुसार, सिग्नल कमजोर होने के कारण छोटे उपकरण भी इन्हें प्रभावित कर सकते हैं। एंविएशन विशेषज्ञों का कहना है कि आमतौर पर इससे दुर्घटना का खतरा कम होता है।

सुरक्षा एजेंसियों के लिए साइबर खतरा बन रहा चुनौती

देश की हवाई सुरक्षा के सामने एक नया साइबर खतरा तेजी से बढ़ रहा है, जिसे जीपीएस स्पूफिंग कहा जाता है। सुरक्षा एजेंसियों के लिए यह चुनौती इसलिए भी बढ़ी है, क्योंकि इससे किसी भी समय विमान हादसे की आशंका बढ़ जाती है। सरकार ने खुद इसकी पुष्टि की है।



इन कार्यों में उपयोग

- फ्लाइट्स की दिशा बदलने के लिए
- सुरक्षा निगरानी फेल करने के लिए
- हथियार-ड्रमस की तस्करी में मदद
- सैन्य अभियानों के लिए

कौन कर सकता है इस्तेमाल

1. दुश्मन देश
2. आतंकी
3. तस्कर
3. साइबर अपराधी
4. जासूसी से जुड़ा नेटवर्क

इस तरह करती है काम

1. जीपीएस जैसे दिखने वाले फर्जी सैटेलाइट या रेडियो सिग्नल भेजे जाते हैं
2. असली सिग्नल को जाम कर दिया जाता है
3. डिवाइस नकली लोकेशन को सही मान लेता है

इन खतरों की संभावना

- गलत रनवे पर लैंडिंग
- एयर ट्राफिक कंट्रोल की पकड़ कमजोर
- रात या कोहरे में दुर्घटना का जोखिम, सीमा सुरक्षा में संघ
- वीआईपी मूवमेंट की लोकेशन लीक



Corporate Communications Directorate

THE HINDUSTAN TIMES

DELHI

2 DECEMBER 2025

 **Hindustan Times**

DELHI AIRPORT 'WATER POSITIVE'; RESTORES MORE THAN CONSUMES

Jasjeev Gandhiok

jasjeev.gandhiok@hindustantimes.com

NEW DELHI: The Indira Gandhi International (IGI) airport has been awarded the "water positive" status by CII-Triveni Water Institute, meaning the establishment restores more water back to the environment than it is utilising. The Delhi International Airport Limited (DIAL) on Monday said that IGI is the first airport in the country with a capacity of over 40 million passengers per annum (MPPA) to achieve this benchmark.

DIAL said this has been achieved through multiple sources of groundwater recharge, such as 625 rainwater-harvesting structures which have been installed across the airport. Further, there are two newly commissioned underground reservoirs with a combined capacity of 9 million litres, officials said.

The airport has a 16.6 million litres per day (MLD) zero-liquid discharge Sewage Treatment Plant (STP) which recycles 100% of the airport's wastewater.

"Treated water is reused for heating, ventilation, and air conditioning (HVAC) systems, landscape irrigation, toilet flushing, and other non-potable applications," a DIAL official said.



Corporate Communications Directorate

HINDUSTAN TIMES

PATNA

1 DECEMBER 2025

7 foreign women with expired visas detained at Gaya Airport

Prasun K Mishra

htpatna@hindustantimes.com

GAYA JI: Seven foreign women from Malaysia, Singapore and Thailand were caught at Gaya Airport with expired visas. The airport authorities detained them inside the terminal and were interrogating them.

Airport Director-in-Charge Awadhesh Kumar said that the detained women included five from Malaysia and one each from Singapore and Thailand. All arrived in Gaya on Thai Air-Asia and Thai Airways flights. Immigration checks revealed their visas were expired. They

**19 FOREIGNERS
HAVE BEEN
DETAINED AT GAYA
AIRPORT IN THE
PAST THREE DAYS.
THEY INCLUDE 12
MONKS.**

were not allowed to exit. They will be sent back or alternative measures will be taken under immigration rules, Kumar said.

Nineteen foreigners have been detained at Gaya Airport in the past three days. On Thursday, 12

Buddhist monks of the 150 passengers arrived on a chartered flight from Cambodia lacked valid visas. Next day, the government issued Temporary Living Permits (TLP) as an optional arrangement, directing them to return to Cambodia within seven days, he said.

Following the continued detention of passengers, surveillance at Gaya Airport has been further tightened and security agencies are on full alert during the tourist season.

According to regulations, passengers without visas or with expired visas will be fined at least ₹2 lakh each.

Centre directs WMO to identify source of GPS spoofing at airports

NEW DELHI: The government on Monday said GPS spoofing and interference incidents have been reported at Delhi, Mumbai, Kolkata, Amritsar, Hyderabad, Bangalore and Chennai airports, and the Wireless Monitoring Organisation (WMO) has been directed to identify the source of spoofing.

"Some flights reported GPS spoofing in the vicinity of IGIA, New Delhi while using GPS based landing procedures, while approaching on RWY 10. Contingency procedures were used for GPS spoofed **Continued on P4**

Centre directs IMD warns

flights approaching to RWY 10.

"There were no effects on movements of flights, on other runway ends having conventional navigational aids being operational," Civil Aviation Minister K Rammohan Naidu told Rajya Sabha.

The Indira Gandhi International Airport (IGIA) in the national capital is the country's busiest airport and RWY refers to runway.

Global Positioning System (GPS)/ Global Navigation Satellite System (GNSS) spoofing and jamming refers to attempts to manipulate a user's navigation system by giving false signals.

"Airports Authority of India (AAI) has also requested Wireless Monitoring Organisation (WMO) to possibly identify the source of interference/ spoofing.

"During the high-level meeting, WMO was directed to mobilise more resources to identify the source of spoofing based on approximate spoofing location details shared by DGCA and AAI," Naidu said in a written reply.

WMO comes under the Department of Telecommunications.

After being mandated by the Directorate General of Civil Aviation (DGCA) to report instances of GPS jamming/ spoofing since November 2023, regular reports are being received from other major airports in the country.

"GNSS interference reports are being received from Kolkata, Amritsar, Mumbai, Hyderabad, Bangalore and Chennai airports," the minister said.

Last month, DGCA asked airlines, pilots and air traffic controllers to report GPS spoofing incidents within 10 minutes of the occurrences, amid recent such incidents at the Delhi airport.

In the written reply, Naidu said Minimum Operating Network (MON), consisting of Conventional (Ground-based) Navigation and Surveillance Infrastructure, are retained in accordance with global best practices. India is also participating in global platforms to keep itself abreast of the latest methodology and technology for the timely implementation of the same.

To a query, Naidu said the global cybersecurity threats to the aviation sector are in the form of ransomware/ malware.

"To enhance cyber security against global threats, AAI is implementing advanced cyber security solutions for IT net-

against global threats, AAI is implementing advanced cyber security solutions for IT networks and infrastructure. These actions have been taken in accordance with the National Critical Information Infrastructure Protection Centre (NCI-IPC) and Indian Computer Emergency Response Team (CERT-In) guidelines.

"Cyber security is ensured by continuous upgradation. As the nature and type of the threat changes, new protective measures are being taken," he added.

AGENCIES

IMD Director General Mru-

tyunjay Mohapatra said in an online press conference. The IMD is expecting four to five "extra" days of cold wave conditions in Rajasthan, Uttar Pradesh, Madhya Pradesh, Haryana, Punjab, and some parts of Maharashtra.

Mohapatra said these areas normally experience four to six days of cold wave conditions during the December to February period.

"During the upcoming winter season (December 2025 to February 2026), normal to below-normal minimum temperatures are likely over most parts of central India and adjoining peninsular and northwest India. Above-normal minimum temperatures are likely over the remaining parts of the country," he said.

During the season, maximum temperatures are expected to be normal to below normal across most parts of the country, he added.

The season's first spell of cold to severe cold wave conditions started early and was observed only in isolated pockets over west, central and adjoining east India, mainly northeast Rajasthan, south Haryana, north Madhya Pradesh, south Uttar Pradesh and north Chhattisgarh, between November 8 and 18, and over north interior Maharashtra on November 15 and 20.

Another cold wave spell is expected in parts of northwest and central India from December 3 to 5, the IMD chief said.

"We are expecting weak La Niña conditions to continue during the December to February period," he added.

La Niña refers to the large-scale cooling of ocean surface temperatures in the central and eastern equatorial Pacific Ocean, coupled with changes in tropical atmospheric circulation such as winds, pressure and rainfall.

It is generally associated with intense and prolonged rains in the monsoon season in India and colder-than-usual winters, particularly in northern regions.

Most parts of the country, except for parts of southeast peninsular India, the northeastern states and areas in the extreme northwest, recorded normal to below-normal temperatures in November.

A total of four western disturbances, rain-bearing weather systems originating in the Mediterranean region, impacted temperatures over north India, though almost all were mostly dry.

Centre asks



Corporate Communications Directorate

THE MORNING STANDARD

DELHI

2 DECEMBER 2025

Flying out of city to get costlier after tribunal order, SC to hear on Dec 3

S LALITHA @New Delhi

FLYING out of the Delhi airport could get costlier if the plan by its private operator to hike the user development fee (UDF) is approved. The Airports Economic Regulatory Authority (AERA) as well as domestic and foreign airlines are opposing the hike, and the matter is set to come up in the Supreme Court on Wednesday.

AERA fixes the tariffs that can be charged by airports every five years. The UDF could get doubled as it would get recovered over two five-year control periods and will not be hiked multiple times as is being widely misunderstood, insist a source.

The current UDF for domestic passengers is ₹129 and the departure fee for international passengers (economy) is ₹650, while it is ₹810 for international business class.

Though the Delhi airport had hiked its UDF in April this year, this new development is on account of the Telecom Disputes Settlement and Appellate Tri-



IGI Airport first to get 'water positive' status

Indira Gandhi International Airport (IGIA) has become the first airport in the country to achieve a water positive status. The achievement was formally recognised at the Water Innovation Summit 2025 under the NITI Aayog-CII Water Neutrality framework. An official release from the Delhi International Airport Limited said that more than 625 rainwater harvesting structures have been installed across the airport. A Zero-Liquid Discharge Sewage Treatment Plant with a treatment capacity of 16.6 Million Litres Per Day recycles airport wastewater.

bunal (TDSAT) ruling that the airport operator could recover ₹50,000 crore due to it from 2009-2014.

The issue arose because AERA had taken only the value of aeronautical assets (like

runways, terminals) into account when fixing the tariff for the period while the airport operators feel that lounges, car parking and duty free shops (non-aeronautical assets) too need to be taken into account.



Corporate Communications Directorate

THE MORNING STANDARD

DELHI

2 DECEMBER 2025

Centre confirms GPS spoofing at major airports, orders probe

EXPRESS NEWS SERVICE @ New Delhi

CIVIL Aviation Minister Ram-mohan Naidu on Monday informed the Rajya Sabha that the Airports Authority of India (AAI) has asked the Wireless Monitoring Organisation (WMO) to identify the source behind the Global Positioning System (GPS) spoofing recently which affected flights at the Indira Gandhi International Air-

port in New Delhi.

Spoofing instances have also been reported from Kolkata, Amritsar, Mumbai, Hyderabad, Bengaluru and Chennai airports too, he said. In GPS spoofing, the navigations systems of flights are fed fake signals through manipulation of data which guides the aircraft, putting it at significant risk. The WMO is a part of the Centre's Ministry of Communica-

tions set up to monitor all wireless transmissions.

Naidu said, "During a high-level meeting, the WMO was directed to mobilise more resources to identify the source of spoofing based on approximate spoofing location details shared by the Directorate General of Civil Aviation (DGCA) and AAI." The Minister was responding to a query from MP S Niranjan Reddy on incidents of

GPS spoofing across airports in the country, including Delhi, and the steps taken by the DGCA to mitigate them. Naidu said that some flights had reported GPS spoofing in the vicinity of IGIA, New Delhi while using GPS based landing procedures when approaching Runway 10. "Contingency procedures were used for GPS spoofed flights approaching towards runway 10. There was no

effect on the movements of flights on the other runway as ends have conventional navigation aids," he said.

The DGCA had issued an advisory circular dated November 24, 2023, for addressing Global Navigation Satellite Systems (GNSS) interference in airspace. It has also issued an SOP on November 10, 2025, for real-time reporting of GPS Spoofing or GNSS interference.

IGI बना देश का पहला 'वॉटर पॉजिटिव' एयरपोर्ट

■ NBT रिपोर्ट, नई दिल्ली

इंदिरा गांधी इंटरनेशनल एयरपोर्ट देश का पहला एयरपोर्ट बन गया है, जिसने सालाना 4 करोड़ से ज्यादा यात्रियों के साथ 'वॉटर-पॉजिटिव' का दर्जा हासिल कर लिया है। दिल्ली इंटरनेशनल एयरपोर्ट लिमिटेड (DIAL) की ओर से बताया गया कि अब दिल्ली का एयरपोर्ट देश का पहला ऐसा एयरपोर्ट है जो जितने पानी का इस्तेमाल करता है, उससे अधिक पानी प्रकृति में वापस छोड़ता है। वॉटर इनोवेशन समिट में औपचारिक रूप से मान्यता दी गई, जहां DIAL को नीति आयोग - CII वॉटर न्यूट्रैलिटी फ्रेमवर्क के तहत सम्मानित किया। यह IGI को वैश्विक स्तर पर सस्टेनेबल और जल संवेदनशील एयरपोर्ट इंप्रोस्ट्रक्चर में आगे करता है।

DIAL के CEO विदेश कुमार जयपुरियार ने कहा कि वॉटर-पॉजिटिव बनना इस बात का प्रमाण है कि हम पर्यावरण संरक्षण को लेकर प्रतिबद्ध हैं। इससे ना केवल प्राकृतिक संसाधनों पर हमारी निर्भरता घटती है, बल्कि एयरपोर्ट इंप्रोस्ट्रक्चर भी मजबूत हुआ है। इस पहल के साथ हम अपने एयरपोर्ट को नेट-जीरो एयरपोर्ट के गोल की ओर बढ़ रहे हैं। IGI सिर्फ सबसे व्यस्त नहीं, बल्कि देश के सबसे ग्रीन एयरपोर्ट में से एक है। IGI एयरपोर्ट एशिया में अपनी श्रेणी में लेवल-5 कार्बन मान्यता हासिल करने वाला



File Photo

उठाए गए कदम

- एयरपोर्ट में 625 से अधिक रेन वॉटर हार्वेस्टिंग सिस्टम बनाए गए हैं। दो नए ग्राउंड वॉटर रिजर्वायर के साथ 9 मिलियन लीटर की अतिरिक्त क्षमता तैयार की गई है।
- 1.66 करोड़ लीटर प्रति दिन जीरो-लिविड-डिस्चार्ज सीवेज ट्रीटमेंट प्लांट 100% वेस्ट वॉटर का ट्रीटमेंट करता है।
- रिफ़कलर और ड्रिप इरिगेशन जैसे सिस्टम से परिस्तर में पानी की बचत की जा रही है।
- नीति आयोग-CII के मूल्यांकन में मजबूत पानी की माप, जल माप, निगरानी और संरक्षण प्रणाली को मान्यता मिली है।

पहला एयरपोर्ट है, जिसे एयरपोर्ट्स काउंसिल इंटरनेशनल (ACI) ने मान्यता दी है।

इस्तेमाल से अधिक पानी प्रकृति में वापस छोड़ता है

दिल्ली और मुंबई समेत कई बड़े एयरपोर्ट्स पर लैंडिंग के दौरान हुई थी GPS में छेड़छाड़: मंत्री

नागर विमानन मंत्री नायडू ने राज्यसभा में स्पूफिंग के बारे में बताया

Maneesh Aggarwal
@timesofindia.com

■ नई दिल्ली : एयरबस-320 देश में पिछले दिनों कुछ फ्लाइटों में जीपीएस स्पूफिंग की घटनाएं सामने आईं। अब ये बात सामने आई कि ये घटनाएं ना केवल दिल्ली एयरपोर्ट पर बल्कि देश के अन्य छह एयरपोर्ट पर भी हुईं। इनमें दिल्ली के आईजीआई एयरपोर्ट के अलावा मुंबई, वेगलूर, कोलकाता, हैदराबाद, अमृतसर और चेन्नै के एयरपोर्ट भी शामिल हैं। यहां पायलटों ने लैंडिंग के दौरान स्पूफिंग का सामना किया था। GPS स्पूफिंग का मतलब है किसी डिवाइस या वाहन को झूठा GPS सिग्नल भेजकर उसकी लोकेशन गलत दिखाना। ऐसे में पायलट को लगता है कि वह



FILE

किसी और जगह है।

स्पूफिंग की इन घटनाओं की जानकारी राज्यसभा में सोमवार को नागर विमानन मंत्री के राममोहन नायडू ने दी। डीजीसीए के अनुसार, दिल्ली एयरपोर्ट के चार रनवे में से एक में रनवे 28/10 में से रनवे-10 वाली साइड में पायलटों को स्पूफिंग का सामना करना पड़ा था। इस पूरे मामले की एजेंसियां जांच कर रही हैं।

स्पूफिंग पर पहले भी जारी हुई है अडवाइजरी

इससे पहले स्पूफिंग और जैमिंग मामले को लेकर भारतीय रेगुलेटर डायरेक्टर जनरल ऑफ सिविल एविएशन (DGCA) ने 2023 में भी अडवाइजरी जारी करते हुए एयरलाइंस और पायलटों को आदेश दिए थे कि वह ऐसी घटनाओं की रिपोर्ट तुरंत करें। इसके बाद से देश के विभिन्न एयरपोर्ट से इस तरह के मामले सामने आए। खास बात यह भी है कि 2023 में भी स्पूफिंग के संबंध में डीजीसीए ने नवंबर में एडवाइजरी जारी की थी और इस साल भी नवंबर में ही ऐसी घटनाएं सामने आई हैं।

50 हजार करोड़ के झटके से हवाई यात्रियों को बचाने के लिए सुप्रीम कोर्ट में सरकार आई साथ

नई दिल्ली, 1 दिसम्बर (विशेष) : दिल्ली और मुम्बई हवाई अड्डे पर यात्रियों पर 50 हजार करोड़ रुपये के बोझ को बचाने के लिए सरकार यात्रियों का साथ देगी। इसे लेकर हवाई अड्डा संचालकों व एअरपोर्ट इकोनॉमिक रेगुलेटरी अथॉरिटी ऑफ इंडिया (ईआरए) की बीच लंबे समय से कानूनी लड़ाई चल रही है।

यदि एअरपोर्ट संचालकों के पक्ष में फैसला आता है तो अनुमान के मुताबिक दिल्ली एअरपोर्ट पर घरेलू यात्रियों के लिए यूजर डेवलपमेंट

फीस 129 रुपये से बढ़कर 1,261 रुपये हो सकता है। मुम्बई हवाई अड्डे पर यही शुल्क 175 रुपये से बढ़कर 3,856 रुपये हो सकता है।

यह मामला अब सुप्रीम कोर्ट में पहुंच गया है जहां इस पर 3 दिसम्बर को सुनवाई होगी। यह मामला काल्पनिक नियामक परिसंपत्ति आधार (एचआरएबी) से जुड़ा है। इस पर लंबे समय से चल



दिल्ली-मुम्बई के एअरपोर्ट संचालक पहुंचे उच्चतम न्यायालय, कल हवाई

रहे विवाद में सरकार ने एअरपोर्ट इकोनॉमिक रेगुलेटरी अथॉरिटी ऑफ इंडिया का साथ देने का फैसला किया है।

सूत्रों ने कहा कि सरकार का यह रुख हवाई यात्रियों के लिए संभावित **(शेष पृष्ठ 9 कालम 4 पर)**

50 हजार करोड़ ...

टैरिफ झटकों से जुड़ी चिंताओं को दूर करने के मकसद से है। दोनों हवाई अड्डे के संचालकों दिल्ली इंटरनेशनल एअरपोर्ट लिमिटेड (डायल) व मुम्बई इंटरनेशनल एअरपोर्ट लिमिटेड (मायल) ने टेलीकॉम डिस्प्यूट्स सेटलमेंट एंड अपीलेट ट्रिब्यूनल (टीडीएसएटी) द्वारा 50 हजार करोड़ रुपये के एचआरएबी दावे का रद्द करने के फैसले को सुप्रीम कोर्ट में चुनौती दी है।

एचआरएबी एयरोनॉटिकल टैरिफ और यूजर डेवलपमेंट फीस (यूडीएफ) तय करने में इस्तेमाल होने वाला एक जरूरी हिस्सा है। यदि दोनों एअरपोर्ट संचालकों के पक्ष में फैसला आता है तो एअरपोर्ट चार्ज पर 50,000 करोड़ रुपये से ज्यादा का वित्तीय बोझ पड़ेगा। इसलिए यह रकम एअरपोर्ट चार्ज और यूडीएफ से रिकवर की जा सकती है, जिससे दोनों हवाई अड्डों पर पैसेंजर शुल्क में तेजी से बढ़ोतरी की संभावना बन जाती है। सूत्रों ने कहा, 'इसका वित्तीय असर बहुत ज्यादा है।'



Corporate Communications Directorate

THE PIONEER

DELHI

2 DECEMBER 2025

IGIA becomes first in India to achieve water-positive status

PIONEER NEWS SERVICE
■ New Delhi

Delhi's Indira Gandhi International Airport (IGIA) has become the country's first airport handling more than 40 million passengers a year to achieve "water-positive" status. The milestone, confirmed at the Water Innovation Summit 2025 in New Delhi, marks a turnaround for a facility once classified as ground-water-stressed.

GMR Aero-led Delhi International Airport Limited (DIAL) said the airport now replenishes more water than it consumes. The achievement has been certified under the NITI Aayog-CII Scope 1 Water Neutrality Framework, positioning IGIA as a global example of large-scale sustainable water management.

"At DIAL, sustainability is not an obligation; it's our driving force," said CEO Videsh Kumar Jaipuria. He said the shift to water positivity strengthens the airport's long-term goal of becoming a net-zero facility. "This reduces our dependence on natural resources and enhances our climate readiness," he added.

The airport's water-positive status comes at a time when Delhi continues to face recurring water scarcity. Officials

said that by harvesting rainwater, recycling wastewater, and reducing consumption, IGIA has cut its pressure on local water sources.

DIAL said the transformation was built on a series of measures taken over the past few years. Over 625 rainwater-harvesting structures have been installed across the airport. Two recently added underground reservoirs can store up to nine million litres of rainwater.

A 16.6 million litres per day zero-liquid discharge sewage treatment plant recycles all wastewater generated at the airport. The treated water is then reused for cooling systems, landscape irrigation, toilet flushing, and other non-potable applications. Officials said this has reduced the reliance on external water by a significant margin.

To limit wastage, the airport uses sprinkler and drip irrigation systems across landscaped areas. A dedicated water treatment plant provides potable water to passengers while ensuring minimal loss in the process.

DIAL also completed the Scope 1 Water Neutrality Assessment, which reviews measurement, monitoring, conservation, and restoration practices. Officials said the assessment confirms that



the airport's systems are sustainable at the watershed level, not just within the airport boundaries.

The recognition adds to IGIA's existing environmental credentials. It is the first airport in Asia in its category to achieve Level 5 Carbon Accreditation under the Airports Council International programme. DIAL said the twin achievements underline the airport's role as a leader in climate-resilient infrastructure.

Officials said the airport's water strategy can be replicated by other high-capacity

transport hubs and large industrial campuses. The model relies on a mix of rainwater capture, reuse of treated wastewater, and real-time monitoring. "This shows that a large airport can grow without increasing pressure on the city's water," a senior official said.

The airport operator said the water-positive achievement fits into its broader decarbonisation plan. Other initiatives include renewable energy use, waste reduction, and social-impact programmes aimed at communities around the airport.

DIAL's parent company, GMR Airports Limited, operates several airports in India and Southeast Asia. Officials said the systems used at IGIA may be adopted at other GMR-run facilities as part of the group's sustainability roadmap.

Industry observers said the certification could push more airports to adopt similar frameworks, especially in water-stressed regions. With passenger traffic rising, officials said sustainable water management will become central to long-term airport planning.



Corporate Communications Directorate

THE STATESMAN

DELHI

2 DECEMBER 2025

Govt admits GPS spoofing at Delhi's IGI airport; no flight disruptions

STATESMAN NEWS SERVICE
New Delhi, 1 December

The Narendra Modi government on Monday admitted that several flights approaching the Indira Gandhi International Airport (IGI) in New Delhi reported GPS spoofing last month.

In response to a question in Rajya Sabha during the Winter Session of Parliament, Civil Aviation Minister Kinjarapu Rammohan Naidu said GPS spoofing incidents occurred while aircraft were using GPS-based landing procedures on Runway 10 at IGI Airport.

He, however, asserted that this did not disrupt the flight operations as the flights switched to contingency procedures after receiving spoofed navigation signals. The minister said the



flights used other runways as well as conventional ground-based navigational aids. On November 6, around 800 flights were reportedly delayed following a technical glitch in the Automatic Message Switching System (AMSS) of the Air Traffic Control.

The GPS spoofing was also reported at several other airports, including Kolkata, Mumbai and Chennai. "Kolkata, Amritsar, Mumbai, Hyderabad, Bengaluru, and Chennai

airports have all recorded GNSS interference incidents," Naidu added. Meanwhile, the Airports Authority of India (AAI) is seeking Wireless Monitoring Organisation (WMO)'s help in tracing the spoofing origin. "After being mandated by DGCA to report instances of GPS jamming/spoofing since November 2023, regular reports are being received from other major airports in the country," Naidu added.





Corporate Communications Directorate

THE TIMES OF INDIA

DELHI

2 DECEMBER 2025

IGI India's first 'water-positive' airport: Know what it means

TIMES NEWS NETWORK

New Delhi: Delhi airport has been certified as 'water-positive', making it the first airport in India with over 40 million passengers to earn this distinction, said Delhi International Airport Limited (DIAL), on Monday.

A water-positive facility is one that replenishes more water than it consumes.

This certification was achieved through 625 rainwater harvesting structures installed across the airport, two newly built underground reservoirs with a combined capacity of 9 million litres, enabling significant rainwater capture and storage, and a 16.6MLD zero-liquid-dischar-

ge sewage treatment plant that recycles the airport's wastewater.

"Treated water is reused for Heating, Ventilation and Air Conditioning (HVAC) systems, landscape irrigation, toilet flushing and other non-potable applications. A water treatment plant provides high-quality potable water to passengers with minimal wastage. Advanced systems such as sprinklers and drip irrigation ensure efficient water use," said the airport operator.

DIAL said the achievement was formally recognised at the Water Innovation Summit 2025 in New Delhi, where DIAL was felicitated for successfully achieving scope 1 water neutrality un-

der the NITI Aayog-CII water neutrality framework.

Water neutrality means balancing an organization's total freshwater use with water savings from improved efficiency, reuse and replenishment.

Videh Kumar Jaipuria, CEO-DIAL, said, "At DIAL, sustainability is our driving force. Becoming water-positive reflects our commitment to responsible resource use, environmental stewardship and the future of aviation infrastructure."

This is a significant step towards our long-term vision of strengthening IGIA's position as a net zero airport. Water positivity enhances our resilience and climate readiness, he added.



Corporate Communications Directorate

THE TIMES OF INDIA

BANGALORE

1 DECEMBER 2025

Govt to back air passengers in SC against Delhi, Mumbai airport operators in ₹50,000 crore suit

Recovery Could Spike Flier Fees By 9x At Delhi, 22x At Mumbai

Saurabh Sinha
@timesofindia.com

New Delhi: As a Rs 50,000-crore sword hangs over air travellers at Delhi and Mumbai airports, the Centre has decided to back passengers in an old legal battle between airport operators and the Airports Economic Regulatory Authority of India (AERA), which has now reached Supreme Court, where the matter will be heard on Dec 3.

The case relates to “hypothetical regulatory asset base (HRAB)”, the capital value of the assets used to calculate the costs of the regulated services, for the first two years of these airports during the PPP era, which started about 20 years ago.



Operators DIAL and MIAL have challenged a TDSAT verdict striking down their hypothetical regulatory asset base (HRAB) claim, which refers to the capital value of the assets used to calculate the costs of the regulated services, for the first two years of these airports during PPP era, which started about 20 years ago

After a protracted legal battle followed by the recent Telecom Disputes Settlement and Appellate Tribunal (TDSAT) judgment, the case has now reached SC, where the two operators of the Delhi and Mumbai airports, DIAL and MIAL, have challenged the tribunal’s order striking down their Rs 50,000-crore HRAB claim.

“Aviation ministry is going to back AERA in this case as the implications of fares on air travellers are immense. If the private operators of Delhi and Mumbai airports win the case, we are looking at about Rs 50,000 crore getting due to these two operators, which could mean a manifold hike in both user development fees (UDF)

paid directly by passengers, and airline landing and parking charges that air carriers factor in while calculating airfares. Overall, the burden for passengers could increase majorly. So, govt has decided to back AERA completely,” officials said, adding UDF alone could rise by about nine times in Delhi and 21 times in Mumbai.

Civil aviation ministry estimates domestic UDF at Delhi could rise from Rs 129 by almost 10 times to Rs 1,261, and at Mumbai from Rs 175 by 22 times to Rs 3,856.

In early 2006, Delhi and Mumbai airports were handed over to private players for being developed in PPP (public private partnership) mode. Until then, the state-run Airports Authority of India used to have common charges for all its airports.

AERA, which determines tariffs for major airports, came into being in mid-2009. “The dispute essentially is for the period be-

tween the airports being handed over to GMR Group in Delhi and the then GVK Group in Mumbai, and the time when AERA started deciding aeronautical tariffs. If this amount of Rs 50,000 crore becomes due to the developers, the same will be recovered through passengers paying more, and this has to be fought tooth and nail legally. Aviation ministry will do just that,” said sources.

“DIAL and MIAL want a much higher value of assets they got in 2006. What were the assets that time at the two airports? Run-down terminals barely worth a few hundred crores. They want value of non-aero assets to be added in the regulatory asset base. If that happens and value of non-aero development like hotels, malls and other commercial development is added, the entire model of brownfield airport development will go for a toss as it will come too expensive for users,” officials said.



Corporate Communications Directorate

THE TIMES OF INDIA

HYDERABAD

1 DECEMBER 2025

Govt to back flyers in SC against Delhi & Mum airport operators in ₹50,000 cr suit

Saurabh.Sinha
@timesofindia.com

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Corporate Communications Directorate

THE TIMES OF INDIA

MUMBAI

1 DECEMBER 2025

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Corporate Communications Directorate

THE TRIBUNE

DELHI

2 DECEMBER 2025

Govt confirms GPS spoofing of flights, orders probe

SHEKHAR SINGH

TRIBUNE NEWS SERVICE

NEW DELHI, DECEMBER 1

Union Civil Aviation Minister K Ram Mohan Naidu on Monday addressed concerns in Parliament regarding recent GPS spoofing alerts reported by flights approaching Delhi's Indira Gandhi International Airport, saying that established protocols were followed to manage the situation.

"Some flights reported GPS spoofing in the vicinity of IGIA, New Delhi, while using GPS-based landing procedures, while approaching on RWY 10," the minister informed the Rajya Sabha in written reply.

Operations remained unaffected, says minister



He confirmed that multiple airports across the country, including Kolkata, Amritsar, Mumbai, Hyderabad, Bengaluru and Chennai, had recorded similar occurrences. The minister briefed the

House on the frequency of such incidents and the steps taken by aviation authorities to ensure safe operations. Over the past few days, pilots flying into IGI Airport, one of India's busiest with more

than 1,400 daily movements, have reported episodes of GPS interference and spoofing near the airfield.

"Contingency procedures were activated for GPS-spoofed flights approaching Runway 10. There was no impact on flight movements on other runway ends, where conventional navigational aids remained operational. The Directorate General of Civil Aviation (DGCA) had earlier issued Advisory Circular ANSS AC 01 of 2023, dated November 24, 2023, to address GNSS interference in airspace," Naidu added.

In addition, DGCA has also issued Standard Operating

Procedure (SoP) for real-time reporting of GPS spoofing or GNSS interference events around IGI Airport. The Airports Authority of India (AAI) has also requested Wireless Monitoring Organisation (WMO) to possibly identify the source of interference or spoofing.

He emphasised that flight operations remained unaffected due to timely deployment of backup procedures and the availability of conventional navigation systems on other approach paths. Authorities are now working to trace the origin of the interference and prevent any recurrence.



Corporate Communications Directorate

THE TRIBUNE

DELHI

2 DECEMBER 2025

IGI country's 1st 'water-positive' mega airport

TRIBUNE NEWS SERVICE

NEW DELHI, DECEMBER 1

Delhi's IGI Airport has become the country's first airport handling more than 40 million passengers annually to be declared 'water-positive', marking a major milestone in sustainable water management and placing India on the global map for climate-resilient aviation infrastructure, officials said on Monday.

GMR Aero-led Delhi International Airport Limited (DIAL) said Indra Gandhi International Airport has transformed from a groundwater-stressed facility into one that now replenishes more water than it consumes. The achievement was formally recognised at the Water Innovation Summit 2025 in Delhi, where DIAL received the honour for meeting Scope I Water Neutrality under the NITI Aayog-CII Water Neutrality Framework.

DIAL said the accomplishment reflects years of investment in water conservation, making IGIA one of the few global airports to reach such a benchmark.



The airport is already the first in Asia, in its category, to secure Level 5 Carbon Accreditation under ACI's Airport Carbon Accreditation programme.

At the heart of the transition is an extensive rainwater harvesting network. The airport now operates more than 625 harvesting structures and two new underground reservoirs with a combined capacity of 9 million litres, allowing large-scale rainwater capture and storage across the campus.

Alongside this, a 16.6 MLD zero-liquid discharge sewage

treatment plant recycles all wastewater generated at the airport. The treated water is reused for HVAC systems, landscaping, toilet flushing and other non-potable needs.

DIAL says the system ensures no wastewater leaves the airport premises, easing pressure on local water resources.

Water-efficient infrastructure, including modern sprinkler and drip irrigation, sup-

ports conservation across landscaped areas. A state-of-the-art treatment plant supplies potable water to passengers with minimal wastage. These improvements collectively formed the basis of DIAL's Scope I Water Neutrality Assessment, which acknowledged the airport's robust measurement, conservation and watershed-level restoration efforts.

"At DIAL, sustainability is not an obligation, it's our driving force. Becoming water-positive reflects our deep commitment to responsible resource use, environmental stewardship and the future of aviation infrastructure. More importantly, this achievement is a significant step towards our long-term vision of strengthening IGIA's position as a net zero airport," said CEO Viteh Kumar Jaipuria.

The new milestone adds weight to IGIA's existing sustainability record. The airport is already the first in Asia, in its category, to secure Level 5 Carbon Accreditation under ACI's Airport Carbon Accreditation programme.

DIAL said the achievement sets a global benchmark for high-capacity airports operating in water-stressed regions. By combining rainwater harvesting, full-cycle wastewater recycling and efficient consumption, IGIA has shown that large aviation hubs can significantly reduce their environmental footprint and implement sustainable water management at scale.





Corporate Communications Directorate

THE ASSAM TRIBUNE

GUWAHATI

1 DECEMBER 2025

British Airways will look to expand services in India

NEW DELHI, Nov 30: With the "incredible potential" in the Indian aviation market, British Airways will look to expand its services to cater to the growing travel demand as well as continue to create employment opportunities in the country, according to a senior airline executive.

Operating in India for more than 100 years, the airline, currently has 56 weekly flights from the country to London. There are three flights a day from Mumbai, two daily flights from Delhi and one flight daily from Hyderabad, Bangalore and Chennai.

The airline plans to have a third daily flight from the national capital to London from next year, subject to regulatory approvals.

"We are always looking to continue to expand our services as demand grows stronger. We continue to keep our network schedule under constant review to ensure



we provide connectivity and choice for our customers.

"As demand strengthens, we remain focused on expanding our services and elevating the travel experience," British Airways Chief Operating Officer Rene de Groot told PTI. India is the second largest market for British Airways after the US, and the airline has dedicated crew bases in each Indian city it operates from.

Groot said local staff play an essential role in delivering a premium service that is personalised and free of language barriers. "In India,

we continue to create employment opportunities, and support regional economies - all while promoting the best of Britain," he added.

British Airways has its call centre, CallBA, in India with around 2,000 staff who provide round-the-clock support to customers from the US, Europe and Asia Pacific.

"From a people perspective, we have invested heavily in India and steadily expanded our colleague presence here, with CallBA and our 5 Indian cabin crew bases growing in size," Groot said. - PTI



Corporate Communications Directorate

BUSINESS LINE

DELHI

2 DECEMBER 2025

ATF price hiked 5.4%, commercial LPG rates cut

New Delhi: Aviation turbine fuel (ATF) prices were raised 5.4 per cent on Monday, while commercial LPG rates were cut by ₹10 per cylinder as State-owned oil companies announced their monthly price revision in line with global trends. Rates had risen about 1 per cent on November 1 and 3.3 per cent on October 1. PH



Corporate Communications Directorate

BUSINESS LINE

DELHI

2 DECEMBER 2025

Akasa Air receives IOSA registration



New Delhi: Akasa Air said on Monday it has received IATA's Operational Safety Audit (IOSA) registration. Established by the International Air Transport Association (IATA), IOSA is designed to assess an airline's operational management and control processes. The comprehensive audit covers key operational areas, including flight operations, engineering and maintenance, cabin operations, ground operations, cargo, security and organisational management systems. In a release on Monday, Akasa Air said it undertook the IOSA audit voluntarily. ^{PH}



Corporate Communications Directorate

BUSINESS STANDARD

DELHI

2 DECEMBER 2025

अकासा को आईएटीए का पंजीकरण मिला

अकासा एयर ने सोमवार को कहा कि उसे आईएटीए का परिचालन सुरक्षा ऑडिट (आईओएसए) पंजीकरण प्राप्त हो गया है। अंतरराष्ट्रीय हवाई परिवहन संघ (आईएटीए) द्वारा स्थापित, आईओएसए को एयरलाइन के परिचालन प्रबंधन और नियंत्रण प्रक्रियाओं का आकलन करने के लिए तैयार किया गया है। इस व्यापक ऑडिट में उड़ान संचालन, इंजीनियरिंग और रखरखाव, केबिन संचालन, ग्राउंड संचालन, कार्गो, सुरक्षा और संगठनात्मक प्रबंधन प्रणालियों सहित प्रमुख परिचालन क्षेत्र शामिल हैं। आईएटीए एक वैश्विक एयरलाइन समूह है। अकासा एयर ने सोमवार को बयान में कहा कि उसने स्वेच्छा से आईओएसए ऑडिट कराया है। एयरलाइन के पास वर्तमान में 30 बोइंग 737 मैक्स विमानों का बेड़ा है। भाषा



Corporate Communications Directorate

BUSINESS STANDARD

DELHI

2 DECEMBER 2025

All probable causes in A-I plane crash being investigated: Govt

The civil [aviation](#) ministry on Monday said all probable causes leading to the Air India plane crash in Ahmedabad in June were being investigated and emphasised that the preliminary probe report contains factual information based on the evidence available at that point in time. The Aircraft Accident Investigation Bureau (AAIB), which is probing the accident, came out with its preliminary report on July 12. "Certain concerns have been raised regarding the probe in certain quarters. The preliminary report contains factual information based on the evidence available at that point in time. The investigation is in progress. All probable causes leading to the accident are being investigated," Minister of State for Civil Aviation Murlidhar Mohol told Rajya Sabha on Monday. PTI



Corporate Communications Directorate

DAINIK BHASKAR

DELHI

2 DECEMBER 2025

एयरबस • अब क्वालिटी की नई समस्या खराबी के चलते ए 320 विमानों की डिलीवरी में देरी

बिजनेस संवाददाता | नई दिल्ली

एयरप्लेन निर्माता एयरबस को नई क्वालिटी संबंधी समस्या का सामना करना पड़ रहा है, जिससे कई A320 विमानों की डिलीवरी में देरी हो रही है। मामले के जानकारों के मुताबिक प्रोडक्शन लाइन में कुछ खराबी के कारण कुछ सप्लाय में देरी हो रही है। एयरबस ने कई दर्जन ए320 कैटेगरी के विमानों के फ्यूजलेज पैनेलों को प्रभावित करने वाली इंडस्ट्रियल क्वालिटी संबंधी समस्या का पता लगाया है। हालांकि फिलहाल इस बात के कोई संकेत नहीं हैं कि यह खराबी वर्तमान में सेवा दे रहे विमानों तक पहुंची है। समस्या की मूल वजह का तुरंत पता नहीं चल सका। ये समस्या ऐसे समय में सामने आई है जब एयरबस इस साल के चुनौतीपूर्ण डिलीवरी टारगेट पूरा करने के लिए अपने प्रयास तेज कर रही है। एयरबस ने इस साल करीब 820 विमानों की सप्लाय का टारगेट रखा है। कंपनी ने नवंबर में 72 विमानों की सप्लाय की, जिससे इस वर्ष विमानों की कुल सप्लाय 657 हो गई है। इसका मतलब है कि दिसंबर में इसे 160 से अधिक जेट विमानों की डिलीवरी का रिकार्ड बनाना होगा।



Corporate Communications Directorate

DESHBANDHU

DELHI

2 DECEMBER 2025

एअर इंडिया एक्सप्रेस के विमान की आपात लैंडिंग



नई दिल्ली।
तमिलनाडु के
तिरुचिरापल्ली

हवाई अड्डे पर उस वक्त
माहौल तनावपूर्ण हो गया,
जब यहां से दुबई जाने वाली
एअर इंडिया एक्सप्रेस की
एक उड़ान की आपातकालीन
लैंडिंग करानी पड़ी।

जानकारी के मुताबिक,
एअर इंडिया एक्सप्रेस की
उड़ान (संख्या आईएक्सओ
61) को उड़ान कार्यक्रम के
अनुसार दोपहर 12.45
बजे त्रिची हवाई अड्डे से
रवाना होना था। हालांकि,
उड़ान के रवानगी में देरी हुई
और विमान दोपहर 1.55
बजे ही उड़ान भर सका।



Corporate Communications Directorate

DECCAN CHRONICLE

HYDERABAD

1 DECEMBER 2025

Flight cadets now ready for frontline aviation roles

DC CORRESPONDENT
HYDERABAD, NOV. 30

Cadets from India and allied nations completed their navigation and weapon system training at Air Force Station Begumpet, marking the end of three specialised defence courses designed to feed frontline aviation units.

The valedictory function covered the 109th Advance Navigation Course, the 141st ab-initio Navigation Course, and the Stage-II and Stage-III Weapon System courses. Air Vice Marshal Sanjeev Kumar Taliyan, Assistant Chief of Air Staff (Intelligence), served as the reviewing officer.

The Navigation Training School at Begumpet trains flight cadets to become navigators and provides advanced skills to aviators from multiple services. The institution has, over decades, prepared officers of the Indian Air Force, Indian Navy, Indian Coast Guard and friendly foreign countries. The Weapon Systems School, located at the same station,



Cadets from India and allied nations celebrate the completion of advanced navigation and weapon system training at Air Force Station Begumpet. — DC

trains weapon system operators under a unified structure aligned with current IAF mission requirements.

The graduating group of the 109th ANC consisted of seven officers, including two from the Indian Navy, one from the Indian Coast Guard and one from the Royal Malaysian Air Force. According to the officials they will take up instructional assignments

in their respective services. The Course included five IAF flight cadets and one officer from the Sri Lankan Air Force. Trophies, medals and certificates were awarded to meritorious trainees of all three courses. The cadets who completed their training at NTS and WSS will be commissioned as IAF officers at the Combined Graduation Parade scheduled at the Air Force Academy.



Corporate Communications Directorate

RS DAINIK JAGRAN

DELHI

2 DECEMBER 2025

अहमदाबाद विमान हादसे की जांच जारी

12 जून को अहमदाबाद में हुए विमान हादसे की विमान दुर्घटना जांच ब्यूरो (एएआइबी) की गई जांच पर उठे सवाल पर मंत्री मोहोले ने कहा कि प्रारंभिक रिपोर्ट तत्काल उपलब्ध तथ्यों पर आधारित है और अंतिम निष्कर्ष के लिए सभी संभावित कारणों की जांच जारी है। उन्होंने यह भी बताया कि डीजीसीए ने विमानन सुरक्षा सुनिश्चित करने के लिए व्यापक नियामक ढांचा लागू कर रखा है। बता दें कि इस हादसे में 260 लोगों की मौत हो गई थी।



Corporate Communications Directorate

DAINIK JAGRAN

KANPUR

1 DECEMBER 2025

इंडिगो, एअर इंडिया, एअर इंडिया एक्सप्रेस के 323 विमान अपग्रेड

नई दिल्ली, प्रेस : नागरिक उड्डयन महानिदेशालय (डीजीसीए) ने रविवार को कहा कि गंभीर सौर विकिरण से प्रभावित देश की तीन प्रमुख विमानन कंपनियों - इंडिगो, एअर इंडिया और एअर इंडिया एक्सप्रेस के 323 परिचालनरत ए320 श्रृंखला के विमानों में आवश्यक साफ्टवेयर अपग्रेड करने का काम पूरा कर लिया गया है।

अधिकारियों ने बताया कि उड़ान नियंत्रण से संबंधित संभावित समस्या के समाधान के लिए 338 विमानों में से 323 में साफ्टवेयर अपग्रेडेशन पूरा हो चुका है। इनमें इंडिगो (200), एअर इंडिया (113) और एअर इंडिया एक्सप्रेस (25) के विमान शामिल हैं। इंडिगो ने अपने सभी 200 परिचालनरत ए320 श्रृंखला के विमानों का अपग्रेडेशन पूरा कर लिया है। एअर इंडिया के 113 विमान प्रभावित हुए थे और उनमें से परिचालन में मौजूद 100 विमानों का अपग्रेडेशन किया जा चुका है।

UNDER INVESTIGATION BY DGCA

Air India Plane Flew 8 Times Without Licence

Expired airworthiness licence flagged only after 2 days; airline says involved officials suspended

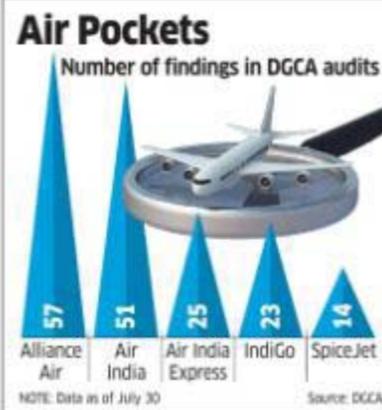
Arindam Majumder

New Delhi: Tata-owned Air India operated, on multiple occasions, an aircraft that was not airworthy, potentially risking the safety of passengers.

A 164-seater Airbus A320 with an expired airworthiness licence flew eight times on November 24-25 before an engineer discovered the lapse and the plane was taken out of service, said people with knowledge of the matter. This has prompted an investigation by the regulator, Directorate General of Civil Aviation (DGCA), they said.

Since the Dreamliner crash of June 12 that left 260 people dead, the troubled airline has been seeking to convince flyers that it takes their safety seriously.

The Certificate of Airworthiness is is-



sued by the DGCA, and is renewed every year after ensuring a plane has undergone periodic maintenance and is in a safe condition for flight. Operating an aircraft without valid licences and certificates is considered a serious offence and Air India is likely to face hefty penalties, including suspension of top officials, a government official said.

Insurance Trouble Too >>> 10

Insurance Trouble Too

>>> From Page 1

The carrier said it has already suspended all those who were involved with the decision to release the aircraft without a valid licence.

The A320 remains grounded pending DGCA investigation.

The airline may also be in trouble with lessors, as flying with an expired licence can lead to invalidation of insurance coverage. "By operating an aircraft which was not certified to be airworthy, the carrier has risked flight safety and (that of) all the passengers. This is a serious violation and not expected from a mainline carrier like Air India," said a government official.

While DGCA inspectors make

periodic spot checks, the operator is responsible for maintaining aircraft in a state of airworthiness.

An Air India spokesperson said, "As soon as this came to our notice, it was duly reported to DGCA. We have initiated a comprehensive internal investigation."

Senior aircraft engineers said that with modern software, it's very hard to miss scheduled tasks such as licence renewal or maintenance. Air India has an inhouse Continuing Airworthiness Management Organisation (CAMO), the responsible unit for the task.

FOR FULL REPORT, GO TO
www.economicstimes.com



Corporate Communications Directorate

THE ECONOMIC TIMES

DELHI

2 DECEMBER 2025

...while Diesel, ATF, LPG Sales Pick up Speed

New Delhi: Petrol sales growth in the country slowed in November while diesel demand accelerated, reversing the trend seen so far this year.

Petrol sales rose 2.2% year-on-year in November, while diesel sales increased 4.7%, according to the petroleum and natural gas ministry's provisional data. During the April-October period, petrol consumption had increased 6.2% and di-

esel 2.8%.

Aviation turbine fuel (ATF) sales climbed 4.7% in November, gaining momentum after a muted performance in earlier months. ATF sales have increased just 1.6% so far this year.

Liquefied petroleum gas (LPG), used mainly for cooking, clocked 7.6% sales growth in November and 7.2% in April-November. —Our Bureau



Corporate Communications Directorate

THE FINANCIAL EXPRESS

DELHI

2 DECEMBER 2025

AI crash being probed: Govt

THE CIVIL AVIATION ministry on Monday said all probable causes leading to the Air India plane crash in Ahmedabad in June are being investigated and emphasised that the preliminary probe report contains factual information.

PTI



Corporate Communications Directorate

THE FINANCIAL EXPRESS

DELHI

2 DECEMBER 2025

PRODUCTION FLAWS DELAYING SOME DELIVERIES

Airbus flags fresh quality issue on limited A320 jets

TIM HEPHER
Paris, December 1

AIRBUS HAS DISCOVERED an industrial quality issue affecting fuselage panels of several dozen A320-family aircraft, industry sources said on Monday.

The suspected production flaws are delaying some deliveries but there are no immediate indications that it has reached aircraft in service, the sources said, asking not to be named.

Airbus had no immediate comment. The origin of the problem could not be immediately identified. It emerged as Airbus is beefing up efforts to meet challenging delivery targets for the year and has also been distracted by a weekend recall of jets over a software bug.

Some deliveries already impacted, source says.

A person with direct knowledge of the matter said some deliveries were already being impacted, but there was no

FACING HEADWINDS

■ Airbus discovered a quality issue affecting metal panels on a "limited" number of A320 jets

■ Airbus shares fell as much as **10%**, down **5.6%**

■ The problem follows a weekend recall over a software bug



■ Airbus said the issue has been identified, contained, and new panels meet needs

■ Airline customers Lufthansa and easyJet see shares fall

■ Airbus delivered 72 aircraft in Nov, below estimates

immediate confirmation of how many nor for how long.

Industry sources said the planemaker delivered 72 aircraft in November, fewer than many analysts had previously expected and bringing the total for the year so far to 657.

It is targeting "around 820" deliveries for the year, meaning it would have to reach a record performance of more than 160 jets in December. The record for the final month of the year was 138 in 2019.

Will the planemaker meet its delivery goals?

Analysts were divided on whether the world's largest airplane maker will meet the delivery goals, which determine revenue and cash flow as airlines pay much of a plane's value on delivery.

Jefferies analyst Chloe Lemarie, who tracks the handover of aircraft and is forecasting 71 deliveries for November, said the month's performance was weaker than expected.

The target remains within reach, however, as underlying production is rising, she added in a note to investors issued before word emerged of the reported quality problem.

Independent aviation analyst Rob Morris said Airbus could reach about 800 deliveries - which others say might be enough to claim victory based on the wording of its forecast - but with some risk that the final outcome will be "marginally lower."

REUTERS



Corporate Communications Directorate

FREE PRESS JOURNAL

MUMBAI

1 DECEMBER 2025

British Airways plans to expand services in India

With the "incredible potential" in the Indian aviation market, British Airways will look to expand its services to cater to the growing travel demand as well as continue to create employment opportunities in the country, according to a senior airline executive.

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continue to keep our network schedule under constant review to ensure we provide connectivity and choice for our customers.

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—PTI



Corporate Communications Directorate

HINDUSTAN

DELHI

2 DECEMBER 2025

एयरबस के ए320 विमानों में नई खामी सामने आई

समस्या

पेरिस, एजेंसी। दुनिया की सबसे बड़ी विमान निर्माता कंपनी एयरबस के ए320 विमानों में एक नई गुणवत्ता संबंधी खामी सामने आई है। कंपनी ने पुष्टि की है कि कुछ विमानों के बाहरी ढांचे में लगाए गए धातु पैनलों में समस्या पाई गई है। इन विमानों की जांच जारी है और जहाँ आवश्यकता होगी, सुधारात्मक कदम उठाए जाएंगे।

यह खबर सामने आते ही सोमवार को एयरबस के शेयरों में तेज गिरावट दर्ज की गई और एक समय शेयर 10% तक टूट गए। एयरबस ने स्पष्ट किया है कि यह दिक्कत केवल कुछ ही विमानों में पाई गई है। खामी एक सप्लायर से जुड़ी है, लेकिन सप्लायर का नाम उजागर नहीं किया गया है। एयरबस के

करीब छह हजार विमानों का संचालन रोका गया था

हाल ही में एयरबस को एक सॉफ्टवेयर अपडेट के लिए हजारों ए320 विमानों को अस्थायी रूप से रोकने जैसा फैसला लेना पड़ा था। इससे भारत समेत दुनियाभर में करीब छह हजार विमानों का संचालन रोका गया था। एयरबस ने 2025-26 में 820 विमानों की डिलीवरी का लक्ष्य रखा है। लेकिन नवंबर में सिर्फ 72 विमान सौंपे गए, जिससे अब दिसंबर में 160 से ज्यादा विमानों की रिकॉर्ड डिलीवरी करनी होगी। 2019 में दिसंबर में 138 डिलीवरी का सर्वश्रेष्ठ रिकॉर्ड रहा है।

अनुसार, नए विमान पूरी तरह मानकों के अनुरूप बनाए जा रहे हैं और समस्या का पता लगा लिया गया है।

Software upgrade done on all operational A320 family aircraft: aviation regulator

Press Trust of India

NEW DELHI

Aviation regulator DGCA on Sunday said Indian carriers have completed the software upgrades of a serviceable Elevator Aileron Computer (ELAC) on 323 operational Airbus A320 family planes to address a potential issue related to flight controls.

On Friday, Airbus said intense solar radiation might corrupt data critical to flight controls in a significant number of A320 family aircraft and that the software changes required to fix the issue would lead to operational disruptions.

A total of 338 A320 family aircraft with the three In-



A total of 338 A320 family aircraft were identified for the software upgrade.

dian airlines— IndiGo, Air India and Air India Express— were initially identified for the software upgrades to address the issue.

Among them, 323 were operational, six were under base maintenance and

later it was found that the upgrades were not needed for nine such planes in the fleet of Air India, according to a senior DGCA official.

IndiGo has completed the upgrades on all the 200 of its operational A320 family planes.

Air India had 113 affected aircraft and out of them, the upgrades have been done for the operational 100 planes while four are under base maintenance and nine aircraft did not require the modifications, as per the official.

For Air India Express, upgrades have been carried out for 23 A320 family planes and two aircraft are under maintenance for redelivery.

MINT

DELHI

2 DECEMBER 2025

Airbus flags new problem on some A320s

Reuters

feedback@livemint.com

PARIS

Airbus said on Monday it has discovered an industrial quality issue affecting metal panels of a "limited" number of A320-family aircraft, confirming a Reuters report, the latest challenge for the planemaker after a weekend recall of its jets.

The company's shares fell as much as 10%, accelerating earlier losses as the industrial issue eclipsed the impact of the planemaker's decision to ground thousands of A320 jets for a software update.

In an emailed statement, a spokesperson said the company was inspecting all aircraft potentially affected and that only a portion of them will need further action to be taken.

"The source of the issue has been identified, contained and all newly produced panels conform to all requirements," the spokesperson said.

The spokesperson added that it was a supplier issue but declined to name them. Airbus has both internal and external suppliers for its aerostructures.



Airbus is beefing up efforts to meet challenging delivery targets. AFP

The problems emerged as Airbus is beefing up efforts to meet challenging delivery targets for the year and has also been distracted by a weekend recall of jets over a software bug.

The suspected production flaw is delaying some deliveries but there are no immediate indications that it has reached aircraft in service, industry sources said, asking not to be named. The origin of the problem could not immediately be identified.

Shares in airline customers Lufthansa and easyJet were dragged lower by the news, traders said.

A person with direct knowledge of the matter said some deliveries were already being impacted, but there was no immediate confirmation of how many nor for how long.

Industry sources said the planemaker delivered 72 aircraft in November, fewer than many analysts had previously expected and bringing the

total for the year so far to 657.

It is targeting "around 820" deliveries for the year, meaning it would have to reach a record performance of more than 160 jets in December.

The record for the final month of the year was 138 in 2019.

Analysts were divided on whether the world's largest airplane maker will meet the delivery goals, which determine revenue and cash flow as airlines pay much of a plane's value on delivery.

Jefferies analyst Chloe Lemarie, who tracks the handover of aircraft and is forecasting 71 deliveries for November, said the month's performance was weaker than expected.

The target remains within reach, however, as underlying production is rising, she added in a note to investors issued before word emerged of the reported quality problem.

Independent aviation analyst Rob Morris said Airbus could reach about 800 deliveries—which others say might be enough to claim victory based on the wording of its forecast—but with some risk that the final outcome will be "marginally lower."

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Corporate Communications Directorate

MINT

DELHI

2 DECEMBER 2025

Govt considering short-term contractual hires for DGCA

BLOOMBERG



New Delhi: India plans to appoint short-term contractual staff at its civil aviation regulator, DGCA, which is facing a severe shortage of manpower. Short-term appointments could be for one year, depending on the post or nature of work. Of the sanctioned 1,630 posts at DGCA, 801 are vacant. MoS civil aviation Murlidhar Mohol informed the Rajya Sabha on Monday. **ABHISHEK LAW & DIPALI BANKA**



Corporate Communications Directorate

MILLENNIUM POST

KOLKATA

1 DECEMBER 2025

Indian airlines complete software upgrades for 323 operational A320 family planes

NEW DELHI: Aviation regulator DGCA on Sunday said Indian carriers have completed the software upgrades on 323 operational A320 family planes to address a potential issue related to flight controls.

On Friday, Airbus said intense solar radiation might corrupt data critical to flight controls in a significant number of A320 family aircraft and that the software changes required to fix the issue would lead to operational disruptions.

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operational, 6 were under base maintenance and later it was found that the upgrades were not needed for 9 such planes in the fleet of Air India, according to a senior DGCA official.

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upgrades on all the 200 of its operational A320 family planes.

Air India had 113 affected aircraft and out of them, the upgrades have been done for the operational 100 planes while 4 are under base maintenance and 9 aircraft did not require the modifications, as per the official.

In the case of Air India Express, upgrades have been carried out for 23 A320 family planes and 2 such aircraft are under maintenance for redelivery.

AGENCIES



Corporate Communications Directorate

THE PIONEER

LUCKNOW

1 DECEMBER 2025

Flyer accused of misbehaving with airhostess arrested



A software employee was arrested for allegedly misbehaving with an air hostess on board a flight from Dubai to Hyderabad, police said here on Sunday. According to a complaint lodged by the cabin crew, the passenger, a native of Kerala, while travelling on Friday, touched the woman while she was providing services, RGI Airport police station Inspector Kankaiah Samapathi said. Among others, he was booked for sexual harassment.

The cabin crew further noticed that the passenger, in his 30s, appeared to be under the influence of alcohol/intoxicated. The matter was informed to the captain and ground staff after the flight landed, police said. After landing, the passenger claimed to have misplaced his passport in his seat. When the staff went to search for it, they found a note containing "obscene and abusive" remarks targeting the crew members.

Based on the complaint, a case was registered under Section 74 (assault or use of criminal force against a woman with the intent to outrage her modesty), Section 75 (sexual harassment) and other relevant provisions of the Bharatiya Nyaya Sanhita (BNS) against the accused and he was arrested, the Inspector said. He was produced before a local court which sent him to judicial remand, police added.



Corporate Communications Directorate

THE STATESMAN

KOLKATA

1 DECEMBER 2025

DGCA: All A320 aircraft get software fix

AGENCIES

New Delhi, 30 November

The Directorate General of Civil Aviation (DGCA) on Sunday announced that all Indian airlines have completed the mandatory software upgrade on their operational Airbus A320 family aircraft.

The move addresses a potential issue where strong solar radiation could affect flight-control data.

According to the regulator, a total of 323 A320-family planes operated by IndiGo, Air India, and Air India Express have now been upgraded. This includes all 200 IndiGo aircraft, 100 out of 113 Air India planes, and 23 out of 25 Air India Express aircraft.

ePlane targets first flight test in 2 mths; ambulance cert in '27

Chethan.Kumar
@timesofindia.com

Bengaluru: ePlane Company, which is building India's first all-electric vertical take-off and landing (eVTOL) aircraft, expects its first full-scale passenger eVTOL to begin flight tests in around two months, with the prototype nearing completion and ground runs set to start soon.

Satyanarayanan Chakravarthy, founder of the IIT-Madras incubated firm, told **TOI** in an exclusive interview that his team is working through final stages of assembly, with initial hovering trials planned at the company's 250-acre IDAS satellite campus. A separate site for cruise-flight testing is being scouted and is likely to be fixed before Feb 2026.

Alongside flight-test schedule, the company has laid out its certification pathway with DGCA. "The air ambulance variant is expected to secure approval by early second half of 2027, followed by air taxi and cargo versions before the end of 2027," Chakravarthy said.

The programme is aligned with India's new standards for VTOL capable aircraft, which he said can be harmonised with EASA (European Union Aviation Safety Agency) and the US's FAA (Federal Aviation Administration) norms. "The second and third prototypes will follow quickly,



Pic credits: ePlane Company
The firm expects operating costs to fall enough for insurance cover to become viable, with air ambulance targeted at ₹10,000-15,000

drawing from lessons of the first airframe to support qualification and certification trials," Chakravarthy added.

On costs and operations, he said the focus so far has been on developing and certifying the aircraft, though the company is in talks with operators for air ambulance and air taxi use. They expect operating costs to fall enough for insurance coverage to become viable, with air ambulance flights targeted at Rs 10,000 to Rs 15,000 compared to current helicopter tariffs of Rs 50,000 to Rs 1 lakh.

"The compact footprint of the aircraft, which allows rooftop operations, is central to discussions with property developers and airports," Chakravarthy said.

On manufacturing, he said the satellite campus of IIT-Madras will remain an R&D facility. The company is looking for a production partner for an initial output of nearly 100 aircraft a year, scaling to roughly 900 or 1,000 within a few years.



Corporate Communications Directorate

THE TIMES OF INDIA

CHENNAI

1 DECEMBER 2025

Govt to back passengers in SC against airport operators in ₹50,000 crore suit

Saurabh Sinha
@timesofindia.com

New Delhi: As a ₹50,000-crore sword hangs over air travellers at Delhi and Mumbai airports, the Centre has decided to back passengers in an old legal battle between airport operators and Airports Economic Regulatory Authority of India (AERA), which has now reached Supreme Court, where the matter will be heard on Dec 3.

The case relates to "hypothetical regulatory asset base (HRAB)", the capital value of the assets used to calculate the costs of the regulated services, for the first two years of these airports during the PPP (public private partnership) era, which started about 20 years ago. After a protracted legal battle followed by the recent Telecom Disputes Settlement and Appellate Tribunal (TDSAT) judgment, the case has now reached SC, where the two operators of the Delhi and Mumbai airports, DIAL and MIAL, have challenged the tribunal's order striking down their ₹50,000-crore HRAB claim.

"The aviation ministry is going to back AERA in this case as the implications of fares on air travellers are immense. If the private operators of Delhi and Mumbai airports win the case, we are looking at about ₹50,000 crore getting due to these two operators, which could mean a manifold hike in both user development fees



FARE FIGHT: Operators DIAL and MIAL have challenged a TDSAT verdict striking down their hypothetical regulatory asset base claim, which refers to the capital value of the assets used to calculate the costs of the regulated services, for the first two years of these airports during PPP era, which started about 20 years ago

(UDF) paid directly by passengers and airline landing and parking charges that air carriers factor in while calculating the airfares. Overall, the burden for passengers could increase majorly. So, govt has decided to back AERA completely," officials said. The ministry estimates domestic UDF at Delhi could rise from ₹129 by almost 10 times to ₹1,261 and at Mumbai from ₹175 by 22 times to ₹3,856.

In early 2006, Delhi and Mumbai airports were handed over to private players for being developed in PPP mode. Until then, the state-run Airports Authority of India used to have common charges for all its airports. AERA, which determines tariffs for major airports, came into being in mid-2009.

"The dispute essentially is for the period between the airports being handed over to GMR Group in Delhi & the

then GVK Group in Mumbai and the time when AERA started deciding aeronautical tariffs. If this amount of ₹50,000 crore becomes due to the developers, the same will be recovered through passengers paying more and this has to be fought tooth and nail legally. The aviation ministry will do just that," said sources.

"DIAL and MIAL want a much higher value of assets they got in 2006. What were the assets that time at the two airports? Run-down terminals barely worth a few hundred crores. They want value of non-aero assets to be added in the regulatory asset base. If that happens and value of non-aero development like hotels, malls and other commercial development is added, the entire model of brownfield airport development will go for a toss as it will become too expensive for users," officials said.



Corporate Communications Directorate

THE TRIBUNE

DELHI

2 DECEMBER 2025

No UDAN flights from Ludhiana, Pathankot

The Ministry of Civil Aviation has informed the Rajya Sabha that 15 airports across the country, including Pathankot and Ludhiana in Punjab and Shimla in Himachal Pradesh, revived under UDAN scheme have currently no flight operations due to a mix of commercial, operational and infrastructure-related challenges.