

LGBI Airport, Guwahati Takes Proactive Measures to Ensure Wildlife Safety and Prevent Bird Strikes

Community engagement is critical for the successful management of wildlife in an airport ecosystem

Guwahati, Assam, 29th March 2025: Lokpriya Gopinath Bordoloi International (LGBI) Airport, Guwahati, is committed to the highest standards of Wildlife Hazard Management (WHM) to ensure the safety of both passengers and aircraft. As part of its comprehensive wildlife mitigation strategy, the airport has put in place a multi-faceted approach combining effective wildlife management, rigorous monitoring, and public education to reduce bird and wildlife-related incidents on and around the airfield.

LGBI Airport places an emphasis on community engagement and awareness to foster a collaborative approach to wildlife hazard management. In recent months, a series of educational initiatives have been launched local villages, stakeholders, and the general public. These include:

- **Public Awareness Campaigns:** Organised at local marketplaces, village panchayats, and surrounding communities, these campaigns focus on the dangers of improper waste disposal, open slaughtering practices, and the creation of natural water ponds that attract wildlife to the area.
- **Local Awareness Programmes:** Engagement with residents of the surrounding villages to highlight the importance of responsible wildlife management practices, such as proper garbage disposal and preventing the digging of soil that could create open water bodies attractive to wildlife.
- **Training for Airport Staff:** Continuous training is provided for all airport personnel, ensuring they understand the critical role they play in wildlife hazard management.

Comprehensive Wildlife Management Measures

In line with the airport's commitment to mitigating wildlife incursions on the runway and bird strikes, a range of measures have been implemented, both on the ground and in the air. These include:

- **Waste Management:** Ensuring proper waste disposal and minimising the accumulation of litter around the airfield helps reduce the attraction of birds and other wildlife.
- **Canal Cleaning:** Regular maintenance of adjacent canals to enable the flow of water, particularly during the monsoon.
- **WHM Team:** A dedicated team conducts regular inspections to identify potential wildlife hazards, including proximity of slaughterhouses and other attractants near the airfield.
- **Use of Bird Deterrents:** Bird chasers, firecrackers, and various acoustic devices such as Harmony MP3 units have been installed to manage birds at critical areas, especially along the runway and aircraft movement areas.

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- **Mobile Bird Patrols:** A team is deployed regularly to patrol the airfield using bird-management equipment like shot launchers, sky shots, and thunder booms to discourage birds from entering restricted areas.
- **Wildlife Rescuers:** The airport has onboarded professional wildlife rescuers to trap and relocate wildlife, including jackals, snakes, and other mammals, to safer forest areas under the guidance of forest officials.
- **Tree Pruning and De-Nesting:** Continuous pruning of trees around the airport has been conducted in high-risk areas such as Agsia, SOS Road, and Kaitasiddhi, ensuring that potential nesting sites for birds are eliminated.
- **Vegetation Clearance:** Ongoing efforts to remove dense vegetation that could harbour wildlife or obstruct sightlines are carried out around the airstrips.
- **Insect Traps and Anti-Perching Devices:** The airport has installed solar light insect traps and anti-perching devices at key locations along the runway to further reduce bird attraction.
- **Firecrackers and Zone Guns:** The airport has strategically deployed zone guns [non-lethal] and continues to use firecrackers at static posts to deter birds from the airfield area.

Airside Measures for Bird Strike Prevention

On the airside, the airport's WHM Team ensures continuous monitoring, particularly during the monsoon and low visibility periods, when bird activity tends to increase. Efforts include modifying local water bodies to discourage bird congregations, installation of bird deterrents, and conducting regular inspections of areas of concern. These measures are crucial in maintaining a safe operating environment for aircraft.

LGBI Airport remains committed to ensuring the safety of aircraft, passengers and staff with proactive measures and the active participation of the local community. By integrating both technology and education, the airport continues to foster a safe environment.

About Guwahati International Airport Limited (GIAL):

Guwahati International Airport Limited (GIAL) is managed by Adani Airport Holdings Limited (AAHL), a subsidiary of Adani Enterprises, the flagship company of the globally diversified Adani Group. GIAL is a Public-Private Partnership (PPP) venture between AAHL and Airport Authority of India (AAI) in a concession agreement of 50 years. AAHL aims to converge India's biggest cities in a hub and spoke model through the Group's proven strength in developing and managing complex transport and logistics hubs.

Lokpriya Gopinath Bordoloi International Airport, known as Guwahati Airport, is the primary international airport in Northeast India, located in Borjhar, approximately 26 kilometres from the of Guwahati, Assam. Named after the first Chief Minister of Assam, Gopinath Bordoloi, the airport serves as a crucial gateway to the Northeastern states, connecting the region to major domestic and international destinations. Guwahati Airport offers a range of services, including retail outlets, dining options, lounges, and business facilities, ensuring a comfortable experience for travelers.

For media inquiries, please contact:

Dr. Jyotisha Saikia, Corporate Communications. Contact No: 7099073746/ 8638081406
Email: jyotisha.saikia@adani.com